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239 708, 04822 239 713 VIEW PLACEMENT DETAILS VISION Developing into a worldclass,
pacesetting Institute of Engineering and Technology with distinct identity and character, meeting the
goals and aspirations of the society. MISSION To maintain a conducive infrastructure and learning
environment for world class education. To nurture a team of dedicated, competent and research
oriented faculty. To develop students with moral ethical values, for their successful career by
offering variety of programmes and services. WHATS NEW AUTONOMOUS UPDATES End
Semester Regular Examination Schedule, December 2024 2024 Scheme Software Development
Center 20250106T09:05:0600:00 End Semester Regular Examination Schedule, December 2024
2024 Scheme End Semester Regular Examination Schedule, December 2024 2024 Scheme
Software Development Center 20241214T05:36:0600:00 End Semester Regular Examination
Schedule, December 2024 2024 Scheme : View examination schedule EndSemester Examination
Software Development Center 20241214T05:04:5500:00 The endsemester examination for B.Tech,
M.Tech, MCA, Integrated MCA, and MBA students of the first year Autonomous stream is tentatively
scheduled to commence on Tuesday, 31st December 2024. ANNOUNCEMENTS 6 Days Online
ATAL FDP on NextGen AI: Innovations in Machine Learning, Deep Learning, and Generative
Models The endsemester examination for BTech, MTech, MCA, Integrated MCA, and MBA students
of the first year Autonomous stream is tentatively scheduled to commence on Tuesday, 31 st
December 2024. March 12 2024: TECHSPHERE 24 WORKSHOP SERIES conducted by
Department of Computer Applications at 10:30 AM to 03:15 PM PM in St. Francis Hall March 12
2024: The Women in Development Cell of SJCET is organizing Womens day celebration EVA
REYNA24 at 01:35 PM in Einstein Hall The onstage events of the arts festival Sargam 2324 are

scheduled on 60324 and 70324 An orientation program for staff members is being commenced at 09.00 AM on 2 nd March 2024

EVENTS Current Month march No Events april No Events

UNIVERSITY ALERTS submission of Answer Book Copy and Revaluation requests of B.Tech S6 S,FE Exam Nov 2024 2015 scheme Exam Registration B.Tech S6 Minor Exam May 2025 2022 Admn B.Tech S6 Hons. Exam May 2025 2022 Admn B.Tech S8 Minor Exam May 2025 2021 Admn B.Tech S8 Hons. Exam May 2025 2021 Admn Exam registration notification B.Tech S4 R, S Exam April 2025 2019 Scheme Exam Registration B.Tech S6S8 R, S Exam April 2025 2019 Scheme Notification B.Tech S6 R, S Exam April 2025 2019 Scheme Notification B.Tech S8 R, S Exam April 2025 2019 Scheme Special Exam will be conducted for the course:BE100 Engineering Mechanics on 16.01.2025 Thursday, 9.30 AM to 12.30 PM. to those students, who were unable to attend the exam conducted on 06122024 due to the misprint in the date of examination. Exam registration date extended B.Tech S3 Minor Exam Dec 2024 2023 Admn Students can do exam registration up to 22112024 Friday Exam registration opened: Supplementary exam registration to PhD Odd semester Examination November 2024 Old Scheme and PhD Even semester Examination November 2024 Old Scheme View All COLLABORATIONS MoUs MoU WITH ICT Academy of Kerala SJ CET is now a Premium Member of ICT Academy of Kerala. As part of this membership ICTAK will help the students, the teachers and the institution in the skill development through various programmes. COLLABORATION WITH IIT MADRAS NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJ CET Palai is now a Local Chapter of NPTEL managed by IIT Madras. The students of SJ CET can access all the courses of NPTEL even without an Internet connection. More IEDC SJ CET Palai St. Josephs College of Engineering Technology, Palai has collaborated with the Kerala Startup Mission, for promoting Innovation Entrepreneurship ecosystem with in the campus Collaboration with IIT Bombay The Spoken Tutorial project is the initiative of the Talk to a Teacher activity of the National Mission on Education through Information and Communication Technology ICT, launched by the Ministry of Human Resources and Development, Government of India. The Spoken Tutorial project is being developed by IIT Bombay for MHRD,

Government of India. MoU with ASAP Additional Skill Acquisition Programme ASAP , a joint initiative of General and Higher Education Departments, was launched with an objective to impart quality skill education to the higher secondary undergraduate students alongwith their regular curriculum. SJ CET Palai signed MoU with ASAP to deliver skill based courses for the students. MoU with IIT KHARAGPUR SJ CET Palai is a remote center of IIT Bombay and IIT Kharagpur. Over 6 years ago, IIT Bombay started conducting ISTE training programmes for empowering teachers of this college. Started to engage several teachers at a time, in subject specific training workshops of two week duration. Together with IIT Kharagpur a partner Institution in this project, mandated through a funded project from the National Mission on Education using ICT NMEICT of MHRD, to train teachers in several such workshops. MoU with Redhat SJ CET PALAI have entered a MoU with Red Hat the Worlds largest Linux Company, to become a RedHat Academy. Through this academic partnership, Red Hat is providing training and certification programmes in todays most demanded globally recognized IT certifications at our campus. More MoU with UiPath SJ CET Signed MoU with UiPath, a leading Robotic Process Automation vendor. This MoU empowers students with automation skills on campus through specially designed Robotic Process Automation RPA curricula, the UiPath software platform, supporting forums, and collaboration tools. More MoU with Oracle Oracle Academy provides educational institutions with the resources they need to help educators develop core computing knowledge and skills aligned to industry standards and using current technologies that they can teach students, the skills they need to succeed. The program offers institutions and educators access to a wide range of teaching and educational resources, including curriculum, classroom learning resources, software, cloud technology, practice environments, and much more. SJ CET Palai signed MoU with Oracle to bring this cutting edge to students. More SJ CET Palai is a GitHub Campus Get ready to explore the worlds leading software development platform Being one of the ten official GitHub Campus program partner Colleges in Kerala, SJ CET has strengthened its hightech programming curriculum. Our partnership with GitHub now enables the students to get free access to the GitHub Student Developer Pack. This streamlines the move from theoretical into practical skills, as well as gives realworld tools needed in the tech trade. MoU

with RedTeam Hacker Academy SJCET PALAI has signed a MoU with RedTeam Hacker Academy Pvt. Ltd. Calicut, Kerala with the sole objective of providing better Cybersecurity awareness regarding corporate social responsibility provided by SHELL Community. Through this MoU, the students will get the awareness of cybersecurity and cyber laws. It provides a platform to show their talents in ethical ways and to do researches for developing affordable cybersecurity products and solutions. Microsoft Learn for Educators SJCET Palai is now part of Microsoft Learn for Educators Program. Having access to Microsoft Learn for Educators and being able to offer Microsoft certification courses is a differentiator for institutions in the recruiting process, and a differentiator for students who learn these skills and enter the job market Colleges that are participants in Microsoft Learn for Educators will have access to training opportunities and materials from Microsoft that will enable them to teach these courses. etlab SJCET Campus Management Software etlab E campus management system is a campus administration ERP developed by etuwa concepts, Ecampus offers an integrated suite of software application to automate the campus,gives an edge in addressing all the administrative requirements of the institution with user specific login system with each personnel associated with the institution has a unique login. Features Advanced Dashboard Academic Administration and Compatibility Program Management Courses Management PreadmissionAdmission Management Student Information System Teacher Module Academic Module COPO Evaluation Question Bank Fees Management CAMPUS ACTIVITIES SARGAM ANNUAL CULTURAL FESTIVAL SJCET Palai is actively engaged in providing the students with an extensive range of cultural and cocurricular activities. Keeping in line with this commitment our college organizes Annual Cultural Fest Sargam. It embodies eagerly awaited multiple events in dance, music, fashion, drama, literary and various other cultural fields and offers a plethora of opportunities to the students to showcase their talent. ASTHRA ANNUAL TECHNICAL FEST Asthra is the annual technical festival of SJCET Palai. With an annual footfall of more than 5,000 visitors and participants, Asthra is one of the biggest intercollege fests in Kerala. Asthra will keep you engrossed in a plethora of professional shows, competitions, lectures and workshops that have a lot to offer to everybody. NCC SJCET has the rare honor of being the first selffinancing engineering

college to have an NCC unit Army wing with an authorized strength of 160 cadets NCC aims at developing character, comradeship, discipline, secular outlook, spirit of adventure and ideals of selfless service among young citizens. Further, it aims to create a pool of well organized and trained youth with leadership qualities, motivated to serve the nation and contribute to the national development. The motto of NCC is Unity and Discipline. Read More

SPANDANAM A CHARITABLE GROUP

Spandanam is a charitable group that aims to improve the lives of people around the college. A 20member working group is formed to collect, evaluate and process the application forms of students with financial difficulties inside and outside the campus. Other schemes under this project include technical advice seminars for schools, socially committed works for the community like blood donations, visit and assistance to orphanages and poor homes etc.

SOCIAL SERVICE CELL

The Social Service Cell is the one of the latest student driven initiatives by SJCET Palai. Its aim is to contribute to the society in a meaningful manner by utilizing the managerial expertise and technical skills of the students for the benefit of those that work for the society

NSS SJCET

NSS unit is affiliated to department of Technical Education , Government of Kerala .It was inaugurated on 27/04/2008 by Mr K. A .Kalith programme coordinator ,RIT ,pampady. The motto or watchword of the National Service Scheme is NOT ME BUT YOU. This reflects the essence of democratic living and upholds the need for selfless service and appreciation of the other persons point of view and also shows consideration for fellow human beings. It underlines that the welfare of an individual is ultimately dependent on the welfare of society as a whole. Therefore, it should be the aim of the NSS to demonstrate this motto in its daytoday programme

ENTREPRENEURIAL INITIATIVES

SJCET BOOTCAMP

As part of promoting the entrepreneurship culture among students, the St. Josephs College of Engineering and Technology, Palai SJCET PALAI, in association with the Kerala Startup Mission, has decided to set up an Innovation Entrepreneurship Development Center

SJCET Startup BootCamp

at the college. It was inaugurated on the 9th of march, 2015.

ENTREPRENEURSHIP DEVELOPMENT CLUB

Department of Industries Commerce, Government of Kerala formulated a scheme to set up Entrepreneurship Development Clubs in schools and colleges of the State to inculcate Entrepreneurial Culture amongst youth and equip them with the

skills, techniques and confidence to act as torchbearers of Enterprise for the new generation. SJCET Palai started ED club in the year 2006. MAKER SPACE A makerspace is a collaborative work space inside SJCET Palai for making, learning, exploring and sharing that uses high tech to no tech tools. This space are open to students and have a variety of maker equipment including 3D printers, developer boards, soldering irons etc. This is a joint initiative by Kerala Startup Mission and SJCET Palai. IIC SJCET Ministry of Human Resource Development, Govt. of India has established an Innovation cell with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions HEIs across the country. As part of this initiative an Institutions Innovation Council is established in SJCET Palai seep SJCET eEducation Platform Click the image to see complete videos

EEE I Lab Experiment I Separation of losses in a Single Phase Transformer I 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed EEE I Lab Experiment I Separation of losses in a Single Phase Transformer I 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesnt begin shortly, try restarting your device. Watch on 0:00 Live KTU I ME202 I AMOS I Torsion of thin walled sections with multiple cells I Module 6 I Part 8 I 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed KTU I ME202 I AMOS I Torsion of thin walled sections with multiple cells I Module 6 I Part 8 I 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesnt begin shortly, try restarting your device. Watch on 0:00 Live KTU I EST110 I Engineering Graphics I Perspective Projection I Module 5 I S1 S2 I Part 1 I 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed KTU I EST110 I Engineering Graphics I Perspective Projection I Module 5 I S1 S2 I Part 1 I 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesnt begin shortly, try restarting your device. Watch on 0:00 Live KTU I ME 302 I Heat and Mass Transfer I Module 5 I 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed KTU I ME 302 I Heat and Mass Transfer I Module 5 I 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesnt begin shortly, try restarting your device.

Climate change Climate change refers to longterm shifts in temperatures and weather patterns.

Human activities have been the main driver of climate change, primarily due to the burning of fossil fuels like coal, oil and gas. Watch on 0:00 Live KTU | CS204 | Operating Systems | Page Replacement Algorithms | Module 5 | 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed KTU | CS204 | Operating Systems | Page Replacement Algorithms | Module 5 | 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesn't begin shortly, try restarting your device. Watch on 0:00 Live KTU | PHT 100 PHT 110 | Engineering Physics | Fiber Optics | 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed KTU | PHT 100 PHT 110 | Engineering Physics | Fiber Optics | 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesn't begin shortly, try restarting your device. Watch on 0:00 Live KTU | MAT102 S2 VCDT Module 4 | MA202 S4 PDTNM Module 4 | Laplace Transforms | Part 10 | 2020 YouTube SJCET PALAI Autonomous 5.51K subscribers Subscribe Subscribed KTU | MAT102 S2 VCDT Module 4 | MA202 S4 PDTNM Module 4 | Laplace Transforms | Part 10 | 2020 SJCET PALAI Autonomous Subscribe Subscribed Search Info Shopping Tap to unmute If playback doesn't begin shortly, try restarting your device. Watch on 0:00 Live PROFESSIONAL SOCIETIES THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SJCET Palai IEEE opens the door to opportunities that will help students to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers. Read More COMPUTER SOCIETY OF INDIA Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters across India, 511 student branches, and 100,000 members. Read More SOCIETY OF AUTOMOTIVE ENGINEERS INDIA SJCET Palai SAEINDIA is India's leading resource for mobility technology. As an individual member driven society of mobility practitioners the ownership of SAEINDIA rests with its members who are Individuals from the mobility community,

which includes Engineers Executives from Industry, Government Officials, Academics and Students

SAEINDIA is an affiliate society of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of mobility industry in India. SAEINDIA Collegiate clubs offer well organized programs and activities, fellowship, and leadership experience to student members. SAEINDIA student members are also entitled to many of the services available to SAEINDIA members.

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

SJCET Palai Indian Society for Technical Education ISTE is the leading National Professional nonprofit making Society for the Technical Education in the field of engineering and technology registered under the Societies Registration Act of 1860. The organization established in the year 1941 with the motto of Career Development of Engineering Teachers and Personality Development of Students and overall development of our Technical Education System. ISTE serves as a platform for educators, researchers and professionals to exchange ideas, enhance skills, and contribute to the advancement of engineering and technology education. The major objective of the ISTE, SJCET Chapter is to provide quality training programmes to update knowledge and skills of teachers and students in their field. SJCET chapter regularly conducts training programmes for newly inducted teachers, short term training programmes on outcomebased education, guidance and counselling and so on.

ASME STUDENT CHAPTER The ASME SJCET student chapter at the college was formed on 25th January, 2018 with the motto Excellence is our obsession and Synergy at work. The chapter focuses on providing training to the students to become experts in learning on encouraging innovation and excellence in students through various means on promoting better career development opportunities and services for students on arranging expert industrial and research lectures on extending full support for all the national seminars and technical events in the college and on enhancing the selfconfidence and selfesteem of students.

ACHIEVEMENTS AWARDS

1 Million Karama point milestone award Received 1 Million Karama point milestone award from Gtech Mulearn. The Learn platform fosters a culture of collaboration, breaking through echo chambers, and empowering learners like you to upskill and evolve.

ASME Asia Pacific Zone Winners Student Teams from ME, EC EI Departments of St. Josepchs College of Engineering and Technology, Palai

who competed in Global Arena of ASME Asia Pacific Zone at Rajkot,Gujarat against many IITs ,NITs to bag one first prize and two fourth place at Global Level. Congratulations On your achievement. Reboot Hackathon 2020 First Runnerup Hanna Elsa Reni George,Rithin Jose,Jobson P. Varghese,Christy Varghese,Christin Mathew and Aysha Nazarudeen of third year Computer Science and Engineering students were the First Runnerup in Reboot Kerala Hackathon.. Reboot Kerala Hackathon 2020 aims to bring students to the mainstream governance by receiving their solutions for the issues faced by various Government departments and is an initiative of the Department of Higher Education Government of Kerala and the Additional Skill Acquisition Program ASAP. Congratulations On your achievement. Reboot Hackathon 2020 First Runnerup Daibin Raju, Jeebu James, Alka Augustin, Joel James, Irene Treesa Jose All from 4th Year CSE and Roshini P Sajan4th Year ECE were the First Runnerup in Reboot Kerala Hackathon.. Reboot Kerala Hackathon 2020 aims to bring students to the mainstream governance by receiving their solutions for the issues faced by various Government departments and is an initiative of the Department of Higher Education Government of Kerala and the Additional Skill Acquisition Program ASAP. Congratulations On your achievement. SAE NIS EFFICYCLE 2019 EFFICYCLE team Department of Mechanical Engineering of SJCET Palai, Tandem Squad 2.0 emerged as second best in Kerala and 34th position in all India SAE NIS EFFICYCLE 2019 competition organized by SAEINDIA at Lovely Professional University, Punjab. Congratulations to the team. BEST SPORTS PERFORMANCE AWARD APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Congratulations Mr. Ron George, S6 CSE for winning the best sports performance award from Mr.V.S Sunil Kumar, Minister for Agriculture, Govt. of Kerala. He won the award for his performance at All India Interuniversity shooting competition in Rifle prone men 50 m category, where he won bronze medal representing APJ Abdul Kalam Technological University. It is the first time APJKTU won a medal at All India Interuniversity sports competition. COLLEGE MAGAZINE Table of contents Bookmarks Thumbnails Search Share Please wait... the Application is Loading Smart pan Single page Sounds Stats Print Download Goto first page Goto last page View all magazines NEWS LETTERS Table of contents Bookmarks Thumbnails Search Share Please wait... the Application is Loading Smart pan

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Library and Information Division SJCET Palai Library and Information Division Software
Development Center 20241212T04:40:3700:00 THE WORLD IS QUIET HERE Welcome to the
Library and Information Division of SJCET. It was established in the year 2002, and serves as a
knowledge hub containing resources not only in the form of print but also in eresources and
provides students with access to a vast repository of resources, including books and Journals both
print and online. In any academic institution Library plays an important role in the dissemination of
knowledge. In fact, the ambiance of the library reflects the quality of the education imparted by the
College. SJCET has recognized the importance of the academic vibrations required in the library
and has been growing in this direction, right from its very inception. Library is a member of National
Library NetworkDELNET. Information from National Program on Technology Enhanced Learning
NPTEL, National Digital Library of India NDLI and other Electronic Resources are also available for
the user community. Only Library members are allowed to access all materials such as Books,
Journals, Magazines, Digital materials and EJournals etc. available in the library collection. The
Library reading space can accommodate more than 200 students. Library functions such as

Acquisition, Circulation, and Cataloguing have been automated using KOHA, an Integrated Library Management System ILMS with Web OPAC. Resources The College has built a spacious Central Library spanning a total floor area of 1088 sq.m. Combining aesthetics with utility, the modern Library houses more than 63,950 documents consisting of Technical Books, E books, Full Text EResources, Bibliographic Data bases, Journals both print and online, Digital resources, Standards and back volumes of journals. The library subscribes to more than 110 printed journals and technical magazines. Library follows the open access system. The Library also subscribes to EBooks and EJournals. The Library is Automated with provision for Research Scholars Cubicle, Stack Section, Reference Section, and Circulation Section with computers and other peripherals connected in LAN. It also has a Photo copier installed to enable students to make printouts. Total Collection: 63953 Books in Print: 57079 Ebooks: 6874 No. of Titles: 15933 Reference Books: 2008 News Papers: 8 Standards: 16 Print JournalsMagazines Total No. journalsMagazines110 International 17 National63 GeneralTechnical30 as on March 31st, 2024 Library Book Search Books And Journals Recommendation Form Inter Library Loan and Resource Sharing E Resources Sl. NoPublisherE Content URL 1 Elsevier Science Direct Science Direct hosts over 4,839 journals and more than 31,028 booksover 15 million peerreviewed publications from Elsevier. 275 Scopus Indexed Full Text Journals are available under Engineering Computer Science package. It includes 143 Engineering Journals and 128 Computer Science Journals. sciencedirect.com 2 IEEE IEEE ASPP IEEE All Society Periodical Package 198 Online IEEE society sponsored Journals, Magazines and Transactions from 2010 onwards. It includes 41 journals of CSDL and journals of other relevant streams. Access to more than 4,61,000 items is available in IEEE Xplore. Featuring content from Nokias Bell labs technical journal archive is also there. 3 IEEE IEEE POP IEEE Proceedings Order Plan Full text access to 1430 IEEE conference proceedings. 4 JSSH J Gate Social Science and Humanities Focused subjects domains are Management and Social Sciences. Contains 18,505 indexed journals and 8398 full text journals 5 EBSCO EBSCO Core Engineering Ebooks Collection Access to more than 6867 ebooks covering topics such as biotechnology, energy sciences, industrial safety material science, optics and photonics, project management, robotics, Civil,

Mechanical, Electrical, Environmental, and Mining Engineering, Manufacturing, Materials and Metallurgy EBSCO 6 DELNET Developing Library Network Millions of Networked Library Resources are available through DELNET a network of more than 5900 Libraries with Inter Library Loan facility. 5,000 Full text EJournals and 10,839 EBooks SJCETDELNET 7 NDL National Digital Library Repository contains 100,371,720 items from multiple domains like Technology, Science, and Humanities etc. More than 60 Types of Learning Resources are available like Book, Thesis, Article, Question Papers, and Technical Report etc. in 70 Languages. Repository integrates contents from different Indian Institutional ndl.iitkgp.ac.in 8 NPTEL Swayam National Programme on Technology Enhanced Learning Repository contains nearly 10 TB of Web and Video Courses Swayam SearchinJournals Full Text Only PeerReviewed Journals Professional Industrial Journal Only Indian Journals Open Educational Resources OER Repositories An OER or Open Educational Resources are freely accessible online learning materials in the form of texts, videos, and other digital format resources. You can use these materials for general viewing, teaching, and research purposes, for free. EBooks EJournals ACM : Communications of the ACM ACM Computer Architecture ACM Computing Surveys ACM Intelligence ACM Interactions ACM Journal of Computer Documentation ACM Journal of Graphics Tools ACM Multimedia Systems ACM Sigact : Algorithms and Computation Theory ACM Sigapl : APL Quarte Quad ACM Sigcas : Computers and Society ACM Sigcomm : Computer Communication Review ACM Sigcpr : Computer Personnel Research ACM Sigcse : Computer Science Education ACM Sigdoc : Documentation ACM Sigmetrics : Performance Evaluation Review ACM Sigmobile : Mobile Computing and Communications Review ACM Sigmod Record : Management and Data ACM Sigplan : Fortran Forum Newsletter ACM Software Engineering ACM Standard View ACM Transactions on Computational logic ACM Transactions on ComputerHuman Interactions ACM Transactions on Computer Systems ACM Transactions on Design Automation ACM Transactions on Graphics ACM Transactions on Information Systems ACM Transactions on Information and System Security ACM Transactions on Internet Technology ACM Transactions on Modelling and Computer Simulation ACM Transactions on Networking ACM Transactions on Programming Languages and Systems ACM Transactions on Software Engineering

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Engineering ASCE : Journal of Construction Engineering and Management ASCE : Journal of
Energy Engineering ASCE : Journal of Engineering Mechanics ASCE : journal of Environmental
Engineering ASCE : Journal of Hydraulic Engineering ASCE Journal of Hydrologic Engineering
ASCE : Journal of Irrigation and Drainage Engineering ASCE : Journal of Management in
Engineering ASCE : Journal of Surveying Engineering ASCE : Journal of Waterway, Port, Coastal
and Ocean Engineering ASME Journal of Engineering Materials and Technology Aviation Week and
Space Technology Berkeley Technology Law Journal Biochemica Et Biophysica Acta : Protein
Structure and Molecular Engineering Bioprocess and Biosystems Engineering Bioresources
Technology British Journal of Educational Technology British Telecommunications Engineering
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Compatibility IEEE Transactions on Electron Devices IEEE Transactions on Electronics Packaging manufacturing IEEE Transactions on Energy Conversion IEEE Transactions on Engineering Management IEEE Transactions on Evolutionary Computation IEEE Transactions on Fuzzy Systems IEEE Transactions on Geoscience and Remote Sensing IEEE Transactions on Image Processing IEEE Transactions on Industry Applications IEEE Transactions on Industrial Electronics IEEE Transactions on Information Technology in Biomedicine IEEE Transactions on Information Theory IEEE Transactions on Instrumentation and Measurement IEEE Transactions on Intelligent Transportation Systems IEEE Transactions on Knowledge and Data Engineering IEEE Transactions on Magnetics IEEE Transactions on Medical Imaging IEEE Transactions on Multimedia IEEE Transactions on Neural Networks IEEE Transactions on Neural Systems and Rehabilitation Engineering IEEE Transactions on Nuclear Science IEEE Transactions on Parallel and Distributed Systems IEEE Transactions on Pattern Analysis and Machine Intelligence IEEE Transactions on Power Delivery IEEE Transactions on Power Electronics IEEE Transactions on Plasma Science IEEE Transactions on Reliability IEEE Transactions on Rehabilitation Engineering IEEE Transactions on Robotics and Automation IEEE Transactions on Semiconductor Manufacturing IEEE Transactions on Signal Processing IEEE Transactions on Systems, Man and Cybernetics IEEE Transactions on Vehicular Technology IEEE Transactions on Very Large Scale Integration Systems IEEE Transactions on Visualisation and Computer Graphics IEEE Visualization and Computer Graphics Indian Academy of Sciences : Sadhana Engineering Science Industrial and Engineering Chemistry Research Information and Communications Technology Law Information and Software Technology Information Technology and Libraries Information Technology and People Infrared Physics and Technology International Journal of Advanced Manufacturing Technology International Journal of Clothing Science and Technology International Journal of Computational Engineering Science International Journal of Computer Applications in Technology International Journal of Engineering Science International Journal of Industrial Engineering : Applications and practice International Journal of Impact Engineering International Journal of Mechanical Engineering Education International Journal of Numerical Methods in Engineering International Journal of

Reliability, Quality and Safety Engineering International Journal of Software Engineering and Knowledge Engineering International Journal of Technology and Design Education International Journal of Technology Management International Review of Law, Computers and Technology Issues in Science and Technology Journal of Agricultural Engineering Journal of Architectural Engineering Journal of Atmospheric and Oceanic Technology Journal of Bridge Engineering Journal of Chemical and Engineering Data Journal of Chemical Technology and Biotechnology Journal of Cold Regions Engineering Journal of Computing In Civil Engineering Journal of Earthquake Engineering Journal of Energy Resources and Technology Journal of Engineering Design Journal of Engineering and Technology Management Journal of Engineering for Gas Turbines and Power Journal of Engineering Mathematics Journal of Engineering Mechanics Journal of Environmental Engineering Journal of Environmental Science and Health : A Environmental and Health Journal of Fluids Engineering Journal of Geotechnical and Geoenvironmental Engineering Journal of High Technology Management Research Journal of Liquid Chromatography and Related Technology Journal of Management and Engineering Journal of Manufacturing Science and Engineering Journal of Materials Engineering and Performance Journal of Materials Processing Technology Journal of Mechanical Engineering Journal of Medical Engineering and Technology Journal of Nuclear Medicine Technology Journal of Nuclear Science and Technology Journal of Petroleum Science and Engineering Journal of Professional Issues in Engineering Journal of Solar Energy Engineering Journal of Strain Analysis for Engineering Design Journal of Structural Engineering Journal of Surveying Engineering Journal of Textile Institute Journal of Wind Engineering and Industrial Aerodynamics History and Technology Lasers in Engineering Lighting Research and Technology Machining Science and Technology Maintenance Technology Manufacturing Engineer Materials Engineering and Performance Materials Science and Engineering : A Structural Materials Materials Science and Engineering : B Solid State Materials for Advanced Technology Materials Science and Technology Measurement Science and Technology Medical Engineering and Physics Microwave and Optical Technology Letters MITs Technology Review Mobile Radio Technology Molecular Engineering New Technology, Work and Employment Nuclear Technology Ocean Engineering

OECD Science Technology Industry Series Optical Fiber Technology Optics and Laser in Engineering Optics and Laser Technology Photogrammetric Engineering and Remote Sensing Pigment and Resin Technology Plant Engineering Plastics Engineering Plastics Technology Pollution Engineering Polymerplastics Technology and Engineering Post Harvest Biology and Technology Powder Technology Precision Engineering Protein Engineering Quality and Reliability Engineering International Quarterly Journal of Engineering Geology and Hydrogeology Reliability Engineering and Engineering Safety Research in Engineering Design Research Technology Management Rock Mechanics and Rock Engineering Rubber Chemistry and Technology Science and Technology Libraries Science and Technology of Welding and Joining Science Technology and Development Sealing Technology Seed Science and Technology Semiconductor Science and Technology Separation Science and Technology Software Engineering Journal Soil Dynamics and Earthquake Engineering Soil Technology Structural Engineering International TechnologyBulletin Technology in Society Textile Research Journal TheoreticalFoundations of Chemical Engineering Transactions onSoftware Engineering Transactions on ASME : Journal of Energy Resources Technology Transactions on ASME Journal of Engineering Materials and Technology Transactions on ASME :Journal of Pressure Vessel Technology Tunneling and Underground Space Technology Wind Engineering and Industrial Aerodynamics Journal World Water and Environmental Engineering Academia : Revista Latinoamericana de Administracin Journal of Emerging Knowledge on Emerging Markets Acta Universitatis Danubius : Oeconomica Journal of Emerging Trends in Economics and Management Sciences Actualidad Contable Faces Journal of Empirical Generalisations in Marketing Science Advances in BusinessRelated Scientific Research Journal Journal of Finance and Accountancy Advances in Management and Applied Economics Journal of Industrial Engineering and Management African Journal of Accounting, Economics, Finance and Banking Research Journal of Interactive Advertising African Journal of Business Management Journal of International Business and Cultural Studies American Journal of Economics and Business Administration Journal of International Research Publications : Economy Business Annals of Innovation Entrepreneurship Journal of Internet Banking and Commerce Annals of the Stefan cel Mare University of Suceava :

Fascicle of the Faculty of Economics and Public Administration Journal of Internet Business Asian Academy of Management Journal Journal of Knowledge Management Practice Asian Journal of Business Management Journal of Knowledge Management, Economics and Information Technology Asian Journal of Finance Accounting Journal of Management and Marketing Research Asian Journal of Management Research Journal of Management and Strategy Australasian Accounting Business and Finance Journal Journal of Management Research Australian Journal of Business and Management Research Journal of Mathematical Finance B Quest Journal of Project, Program Portfolio Management Banking and Finance Review Journal of Research for Consumers BAR : Brazilian Administration Review Journal of Service Science and Management BuR : Business Research Journal of Systems Integration Business and Economic Horizons Journal of Theoretical and Applied Electronic Commerce Research Business and Economics Journal Journal of Womens Entrepreneurship and Education Business and Economics Research Journal Jurnal Kemanusiaan Business and Management Review Jurnal Manajemen dan Kewirausahaan Business Intelligence Journal KASBIT Business Journal Cadernos EBAPE.BR KCA Journal of Business Management Capic Review LogForum Case Studies in Business, Industry and Government Statistics Logistics Journal Cato Journal : an Interdisciplinary Journal of Public Policy Analysis Logistics Journal : Referierte Verffentlichungen CESifo Forum Mngement COEPTUM Management Communications of the IBIMA Management Marketing Contabilidade Vista Revista Management Marketing Bucharest Contabilidade, Gesto e Governana Management : Journal of Contemporary Management Issues Contadura y Administracin Management Science and Engineering Contemporary Marketing Review Management Science Letters Contextus Managing Global Transitions Cuadernos de Administracin Michigan Journal of Business Cuadernos de Economa y Direccin de la Empresa Modern Management Cuadernos de Estudios Empresariales Modern Marketing Cuadernos de Gestin Open Business Journal Dalhousie Journal of Interdisciplinary Management Open Journal of Knowledge Management eFinanse Open Textile Journal EJournal of Practical Business Research Organizacija Economia Aziendale Online Organizaes Sociedade Economic Analysis and Policy Organizations and Markets in Emerging Economies Economic and Business Review Pakistan Journal of

Commerce and Social Sciences Economics and Finance Review Perspectivas Contemporneas
Economics and Organization of Enterprise Perspectives of Innovations, Economics and Business
EEO Insight PetroleumGas University of Ploiesti Bulletin : Economic Sciences Series Electronic
Journal of Business Ethics and Organization Studies Product : Management Development
Electronic Journal of Business Research Methods Public Administration and Management Electronic
Journal of Information Systems Evaluation Quality Innovation Prosperity Electronic Journal of
Knowledge Management RAI : Revista de Administrao e Inovao Emerging Leadership Journeys
Rationality, Markets and Morals Enfoque : Reflexo Contbil RCO Revista de Contabilidade e
Organizaes Engineering Economics Rege : Revista de Gesto Eurasian Journal of Business and
Economics REMark : Revista Brasileira de Marketing The European Journal of Comparative
Economics Research and Practice in Human Resource Management Far East Journal of
Psychology and Business Research in Business and Economics Journal Finance Review of
Economic and Business Studies REBS Financial Counseling and Planning Review of Finance and
Banking Folia Oeconomica Stetinensia Revista Brasileira de Finanas German Risk and Insurance
Review Revista Brasileira de Gesto de Negcios Gesto Regionalidade Revista Brasileira de Gesto e
Desenvolvimento Regional Gesto e Planejamento Revista Brasileira de Inovao Gestin Joven
Revista Contabilidade Finanas Global Journal of Enterprise Information System Revista da Micro e
Pequena Empresa IBIMA Business Review Revista de Administrao Contempornea iBusiness
Revista de Administrao da UFSM Indian Journal of Commerce Management Studies Revista de
Administrao da Unimep Information Management and Business Review Revista de Administrao
FACES Journal INGEPRO : Inovao, Gesto e Produo Revista de Administrao Mackenzie INNOVAR :
Revista de Ciencias Administrativas y Sociales Revista de Cincias da Administrao : RCA Intangible
Capital Revista de Contabilidad : Spanish Accounting Review Integracin Comercio Revista de
Economa Mundial REM Interdisciplinary Journal of Contemporary Research in Business IJCRB
Revista de Empresa Familiar Interdisciplinary Journal of Research in Business Revista de Estudios
Empresariales. Segunda poca Internal Auditing and Risk Management Revista de Gesto e Projetos
International Business and Management Revista de Mtodos Cuantitativos para la Economa y la

Empresa International Business Research Revista Eletrônica de Cincia Administrativa RECADM
International Journal of Business Administration Revista Empresarial Inter Metro International
Journal of Business and Management Revista Gestin de las Personas y Tecnologia International
Journal of Business and Management Studies Revista Globalizacin, Competitividad y
Gobernabilidad International Journal of Business Research and Management Revista Nacional de
Administracin International Journal of Business Science and Applied Management Revista
Negotium International Journal of Contemporary Business Studies Revista Organizaes em Contexto
International Journal of Digital Accounting Research Revista Portuguesa e Brasileira de Gesto
International Journal of eBusiness and eGovernment Studies Revista Universo Contbil International
Journal of Economics and Financial Issues RNTI : Revista Negcios e Tecnologia da Informao
International Journal of Electronic Business Management Romanian Economic and Business
Review International Journal of Engineering Business Management The Romanian Economic
Journal International Journal of Enterprise Computing and Business Systems Scientific Annals of
the Alexandru Ioan Cuza University of Iasi : Economic Sciences Series International Journal of
Financial Research Serbian Journal of Management International Journal of Information, Business
and Management SERIEs : Journal of the Spanish Economic Association International Journal of
Knowledge and Research in Management and ECommerce Sistemas Gesto International Journal of
Leadership Studies South African Journal of Economic and Management Sciences International
Journal of Marketing Studies South African Journal of Information Management International
Research Journal of Applied Finance South East European Journal of Economics and Business
International Research Journal of Finance and Economics Southern African Business Review
International Review of Management and Marketing Sprouts : Working Papers on Information
Systems Interventions conomiques Studia Commercialia Bratislavensia Investigaciones Europeas
de Direccion y Economia de la Empresa Studies in Business and Economics Investment Analysts
Journal Technology and Investment Iranian Journal of Management Studies Tcnica Administrativa
Journal of Academic and Business Ethics Theoretical and Applied Economics Journal of Applied
Finance and Banking TMC Academic Journal Journal of Behavioral and Applied Management

Trade, Law and Development Journal of Behavioral Studies in Business Universia Business Review
Journal of Business Systems, Governance and Ethics Universidad Empresa Journal of Case
Research in Business and Economics UTMS Journal of Economics Journal of Commerce Visin de
Futuro Journal of EGovernment Studies and Best Practices Zbornik Radova Ekonomskog Fakulteta
u Rijeci : asopis za Ekonomsku Teoriju i Praksu Journal of Economics and Business Research
Zeitschrift fr Hochschulentwicklung Journal of Electronic Commerce Research Facilities Services
Computerized Transactions using Barcode EGate Register Online Public Access Catalogue Book
Reservation using Koha user ID and Password IEEE Xplore Digital Library ASPP POP Elsevier
Science Direct Engineering Computer Science Package JGATE JSSH Journal of Social Science
Humanities EBSCO Core Engineering Ebook Collection Developing Library Network IP Based and
Remote Access of EJournals and Resources Reference and Lending Services Display of New
Arrivals Inter library loan resource sharing Newspaper Clipping Service Library Area in sq.m. 1088
Reading space in sq.m. 400 Total Seating Capacity 200 Research scholars cubicles 8 Average
number of users203 Average number of usages116 Library TimingMonFri 8.30 am6.30pm Library
TimingSat Vacation 9.00 am3.30 pm Library Automation Software KOHA Web OPAC WiFi Enabled
Library Reprographic Facility No of PCs available for Students12 Research Scholars Cubicles
Laptop usage facility Rules Regulations All staff and students of SJ CET may use the Library
facilities. For entry and exit, students and staff members shall use the software enabled check in
and check out system. Strict Silence should be observed in the Library. Violators may be asked to
leave. Use of Mobile Phones is strictly prohibited inside the Library. Personal belongings must be
kept in the property counter. property may be kept at the owners risk Misplacing of books will be
considered as a serious offence. Members are responsible for books issued against their ID cards,
even if they are lost and misused by others. Users are not allowed to bring their personal books or
any other printed material inside the Library. Users should not write in, mark, scratch, disfigure or
damage books or furniture of the Library. Help us to keep the Library and its premises absolutely
clean and tidy. Dont litter. The computer terminals provided in the Library are meant for academic
purposes only. Membership Card ID Card is not transferable. Students and Faculty members can

take up to 6 Books, at any given point of time. Duration of book loan is limited to 15 days for the students and 30 days for staff. Reference documents, multivolume collections, Journals and Magazines will not be issued out. Users are not allowed to take more than 1 copy of the same book. Any damage noted may be brought to the attention of Library staff while borrowing. No excuses shall be entertained thereafter. Borrowers shall be held responsible for any damage observed at the time of the return of books. Borrowers who fail to return the books on or before the due date shall be fined Rs 5. per day per document. Overdue documents will not be renewed. The borrowers shall have to return the books at any time if directed by the Librarian. Library staff shall have the right to check any document taken out of the Library. Any person responsible for damage or loss of any library book shall have to replace the same or pay an amount equal to 2 times the current cost of the damaged book. Members are not permitted to sub lend books borrowed from the library. All books borrowed from the Library shall be returned when a member proceeds for a long leave tour. Members who plan to discontinue their course from SJ CET should return their ID card to the Library, in order to get No Dues Certificate from the Library. Before registration to higher semester classes, students should clear the Library dues if any pending.

Usage of Library

Library Usage Statistics	
2023 JUNE TO 2024 MAR	
Foot falls in the Library	41752
Total users in the Library	41752
Total Working Days	206
Monthly Average users	4175
Daily Average users	203
Library Transactions	7192
PRINT BOOKS Issue	7192
Renewal	7192
2023 JUNE TO 2024 MAR	
Total Transactions of Books	7192
Total Transaction Days	206
Monthly Average transactions	719
Daily Average transactions	35
E Resources usage	
E BOOKS Total E Book usage	14314
Monthly Average usage:	1193
Daily Average usage:	39
E Journals Usage	
Total E Journal usage	15227
Monthly Average usage	1269
Daily Average usage	42
DAILY AVERAGE USAGE OF LIBRARY BOOKS	74
PRINT	35
e BOOK	39
203 users are visiting the library per day	
Foot Falls	116
library resources were referred per day.	
74 Books	
42 Journals per day	
Print	35
online	81
, ie. e Book	39
e Journal	42
Our Strength	
Mr. Justine Thomas	Librarian Gr. I
Mr. Centil Jose	Librarian Gr. II
Mr. Geo Mathew	Librarian Gr. III
Mr. Sabin Sebastian	Librarian Gr. III
Library Suggestion	
Query	
Grievance	
Form	
Library Contact	
Email	librariansjcetpalai.ac.in
justinesjcetpalai.ac.in	
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Library Information	
Division	
St. Josephs College of	

Engineering Technology, Palai. Choondacherry PO. Plassanal Via Kottayam PIN 686 579. Kerala.
Phone: 04822 239 825 O Librarian: Ext. 825 Mobile: 91 94476 944 64 Library Photo Gallery

[SJCET Overview](#) [SJCET Palai](#) [SJCET Overview](#) [Software Development Center](#)

20241125T04:28:5200:00 VISION AND MISSION VISION Developing into a worldclass, pacesetting Institute of Engineering and Technology with distinct identity and character, meeting the goals and aspirations of the society. MISSION To maintain a conducive infrastructure and learning environment for world class education. To nurture a team of dedicated, competent and research oriented faculty. To develop students with moral ethical values, for their successful career by offering variety of programmes and services. OVERVIEW The establishment of St. Josephs College of Engineering and Technology Palai ,was the fulfilment of a long cherished dream of providing facilities for higher education to the people of the diocese and surrounding regions. The main objective is to develop a college with a distinct identity and character, where education and training are imparted in a truly Christian environment conducive to fostering Christian values such as faith in God, love for their fellow men and devotion to the motherland. Every facility is provided in the campus to create an environment fully conducive to realizing this objective. Discipline, hard work, positive thinking, commitment to excellence and abiding faith in the Almighty are the guiding principles that propel the college to its vision of emerging as a Centre of Excellence in technical education in the country. Value systems such as ecofriendliness, quality consciousness and work ethics are also being instilled through the special work culture and campus life existing in the college. The college aims to provide an education that WORKS an education that helps the students in ensuring a challenging and satisfying career after the course. With this in view, facilities are provided in the college for personality development, yoga and meditation training, learning skills development, employability skills development, communication skills development, expert counselling services, special tuition and coaching for weaker students and sports and games facilities. The Placement and Training cell of the college renders various services such as arranging campus recruitment, providing information on career opportunities and higher study facilities within

India and abroad, training for job interviews and competitive examinations, arranging practical training for students in industries, etc. Even from its very inception, St. Josephs College of Engineering and Technology, Palai has established a reputation among the general public, the students and their parents and the various visiting committees as a college with a difference. Situated in a serene and picturesque location at the foothills of the High Range Mountains, the campus provides an environment conducive to learning and achieving the academic and professional aspirations of the students. We aim to achieve 100 results in examinations and a challenging and rewarding career for all our students. We are dedicated to preserve the ecosystems and live in harmony with nature. We maintain a green and absolutely clean campus. We use only wooden furniture in the college and hostels. SJCET follows a strategic planning approach to development insisting on Total Quality Management and continuous improvement at all levels. One can witness synergy at work in our campus. We have a team of wellqualified, dedicated and trained teachers and we follow the most innovative teachinglearning processes. Our laboratories and other facilities are adjudged by various visiting committees as one of the best among the engineering colleges in Kerala. SJCET is also an ISO 9001:2015 and ISO 14001: 2015 certified institution. Every talent and innovation is encouraged in the college in order to bring out the best in students. We meet practically all the national and international benchmarks stipulated for a world class engineering institution. We are committed to provide the best learning experience for students. SJCET figures in the list of topnotch selffinancing engineering colleges in Kerala as identified by the Alumni Association of NIT Calicut for information to the public. SJCET is also among the highest ranked 10 Engineering College in Kerala where percentage pass is invariably more than 80. The National Board of Accreditation NBA has granted accreditation to five B.Tech programs: Civil Engineering, Mechanical Engineering, Electronics Communication Engineering, Computer Science Engineering, and Electrical Electronics Engineering, along with the Master of Computer Applications MCA program. In addition the college has been honoured with A grade by the NAAC in its first accreditation cycle. SJCET is managed by the Diocesan Technical Education Trust, Palai under the Catholic Diocese of Palai and engineering professionals in its advisory board. It has a team of

renowned and highly qualified academics . The college was conferred upon with Minority status in the year 2006. **OBJECTIVES, GUIDING PRINCIPLES AND SPECIAL FEATURES** St. Josephs College of Engineering and Technology, Palai was instituted with the objective of developing a center of professional learning with a distinct identity and character, for imparting education and training in a truly Christian environment, fostering Christian values of faith and love to God and fellowmen. The college aims to provide the kind of education that helps to achieve academic excellence and thereby ensures a challenging and satisfying career for the students on the successful completion of the programme. With this perspective, training is organized on a regular basis for the development of personality, learning and communication skills as well as employability skills. Discipline, hard work, positive thinking ,commitment to excellence and abiding faith in the Almighty are the guiding principles that propel the college to its vision of emerging as a world class institute of Engineering and Technology. The special features that characterize the institution include professional counselling services, remedial coaching for weak students and evening coaching classes for students who have failed in university examinations. The Placement and Training Cell renders various services such as arranging campus recruitments, conducting training for competitive examinations, job interviews, providing information on career opportunities and facilities for higher studies in India and abroad. The college takes an active interest in the physical fitness of the students. All facilities are provided for improving their talents in the field of sports and games. The students have made some significant achievements in this field. **COLLEGE EMBLEM** The college emblem, a revolving rotating green mother Earth at the Centre surrounded by three innovations, represents developments in engineering and technology over the years, viz. Fire the first major invention of mankind Gear wheel a major tool in industrial revolution and Satellite a device, which uses all the latest developments in various areas of engineering and technology. Symbolically, the light represents wisdom, knowledge and God. It spreads into the green earth providing wisdom, knowledge and spirituality to its inhabitants. Green depicts fertility and motion indicates life and progress. It shall be the concern of all SJCET students and staff to keep the mother earth green, ever moving and lighted by keeping it free of pollution and other devices of

mass destruction and to promote knowledge, wisdom and spirituality.

Governing Body SJ CET Palai Governing Body Software Development Center
20250113T10:13:5700:00 His Excellency Mar Joseph Kallarangattu Mar Joseph Kallarangatt is the Bishop of Palai and Patron of the College. He had his higher studies at the Pontifical Gregorian University, Rome and took doctorate in Theology. He was the Professor of Theology at Paurastya Vidyapeetham, Kottayam and in 2001 he was appointed the President of Paurastya Vidyapeetham and continued in the office till he was appointed the Bishop of Palai in 2004. Mar Joseph Kallarangatt has published more than 30 scholarly books on Theology and Oriental Liturgy. He has published large number of papers on Theological and Secular topics. At present he is serving as Chairman, CBCI Doctrinal Commission Chairman, KCBC Theology Commission and Chairman, Syro Malabar Commission for Doctrine. He had the rare privilege of participating in the Bishops Synod, held at Rome in 2012 and was nominated by Pope Benedict XVI as one among the three members of the Commission to solve theological disputes. Rev. Dr. Joseph Maleparambil Presently he is the Vicar General of the Diocese of Palai in charge of Education and Chairman of the Diocesan Technical Education Trust and Manager of all educational institutions under the Corporate. He is the former Rector of St. Ephrems Theological College, Satna, and former secretary to K.C.B.C. Rev. Prof. Dr. James John Mangalath, Director, SJ CET Prof. Dr. James John Mangalathu, is a Catholic Priest belonging to the Diocese of Palai. He had his Masters Degree in History from the M S University of Baroda and PhD in IndoPortuguese History, from Pondicherry Central University. During his researches, he had the opportunity to do various courses at the Universite de Nantes in France and Universidade de Lisboa in Portugal. He has made use of various Archives and Libraries like Bibliotheque Nationale de France, Paris, Archivo Nacional de Torre do Tombo, Archivo Historico Ultramarino, Biblioteca da Ajuda, and Biblioteca Nacional de Lisboa in Portugal, British Library, London, Vatical Library etc. Besides, he has visited countries like Germany, Spain, Belgium, Switzerland, Austria, Hungary, Czech Republic, Slovakia, Hungary, Sweden, Denmark, USA etc. He speaks languages like Malayalam, English, Portuguese, French,

Hindi etc. He has published over 20 Research Articles in various National and International Journals. His monumental work *The Portuguese and the sociocultural Changes in Kerala 1498-1663* has been published by Routledge, London. He has over 22 years of teaching experience at St Thomas College, Palai in Kerala. He was Professor Head at the Department of History of the College. He was Principal of St Thomas College Palai during 2018-2024. Besides, he has served as the National Executive member of the Xavier Board of Higher Education in India and the Regional President of Southern Kerala. He was also an executive member of Kerala Principals Council and Secretary of Association of Catholic Historians of India. At present he serves as the Joint Secretary of the Association of Catholic Historians of India and also the Private College Management Association.

Mr. T.K Jose, IAS Rtd. Mr. T.K. Jose IAS Rtd. is an outstanding administrative officer who is currently serving as Chairman of The Kerala State Electricity Regulatory Commission and former Additional Chief Secretary, Government of Kerala,. He is a versatile genius with a passion for quality and perfection. His name is often heard along with Suchitwa Mission, Jal Jeevan Mission and Kudumbasree for his valuable contributions. His leadership skills has enhanced the stature and efficacy of the civil service in Kerala.

Dr. Tessy Thomas Dr. Tessy Thomas, Distinguished Scientist, has taken over as Director General Aeronautical Systems w.e.f 01Jun2018. She obtained her B.Tech in Electrical Engineering from Calicut University, ME in Guided Missiles from Institute of Armament Technology now Defence Institute of Advanced Technology, Pune and PhD in Missile Guidance from Jawaharlal Nehru Technological University JNTU, Hyderabad. She obtained MBA in Operations Management from Indira Gandhi National Open University IGNOU, New Delhi. Besides her contribution as a faculty in IAT, Pune and DRDL, Hyderabad, she was the back bone in the development of Agni Missile. She was the project director of Agni 4, Agni 5 and was the director, advanced system laboratory, DRDO. She is also a recipient of many prestigious awards of DRDO. Her excellence is not limited to DRDO and missiles. She is also a recipient of Lal Bahadur Shastri National Award for excellence in Public Administration, Academics and Management 2012, Distinguished Woman Scientist Award 2016 etc.

Dr. Ramesh Unnikrishnan, Director, AICTE, Regional Office, Kerala Dr Ramesh Unnikrishnan started his career as a Lecturer at Govt

Engineering College Adoor in the year 1998 and later on worked with Govt Engineering College Munnar till 2012. He Joined All India Council for Technical Education, the Regulatory Body for Higher Technical Education, Govt. of India as Director in the year 2012 and was officiating the post of Western Regional Officer since 2013 controlling the states of Maharashtra, Goa Dadra NagarHaveli, Daman and Diu. During 2014 he was entrusted with the additional charge of South Western Region and South Central Region which controls the Technical institutions within Andhra Pradesh, Telengana, Karnataka, Kerala and Lakshwadeep. Presently he is the Advisor of Approval Bureau at AICTE Hqrs New Delhi.

Dr. Ginu Ann George Assoc. Professor HoD, ECE Mr. K M Thomas Senior Administrative Officer, SJCET Sri. Alexander Varghese, Chief Operating Officer, UST Mr. Alexander Varghese is the Chief Operating Officer of UST. He is responsible for leading client and partner relationships in the Asia Pacific, the United Kingdom, and Israel. He further serves as Country Managing Director for India and oversees global corporate services, including real estate facilities management, and global travel. Alexander has 30 plus years of experience in the IT industry, managing overseas clients and operations for global enterprises. Before joining UST, Alexander served as the Vice President of Datec Corporation and Senior Manager at IMR Global. He is a respected thought leader and is a prominent member of various government agencies, academic institutions, and trade bodies in India. Alexander is a Charter member of TiE Kerala, a member of the CII State Council, and held an elected seat on the NASSCOM National Council for two years. He is also one of the directors of the ICT Academy of Kerala. Alexander is currently the Chairman of GTECH India and sits on the board of laptop manufacturer COCONICS.

Prof. Sanjeev G Prof. Sanjeev G, Associate Professor, NSS College of Engineering Member, Syndicate, APJAKTU, has held key positions in academia over the past so many years such as Senate Member, Kerala University, Faculty Social Sciences, Calicut University, to name a few. Besides, he is wellknown as an Economics scholar with sound knowledge and erudition in both economic theory and macroeconomic policy matters. Prof. Sanjeev is also a reputed motivational speaker, personality development trainer and debator. He has also written extensively on Management and Economics in magazines journals of international repute. Besides, he frequently appears on print

and electronic media and airs his views on economy and management science. He has had a rich academic career, studded with notable milestone achievements. Rev. Dr. Joseph Purayidathil Vice Principal, SJ CET Palai Dr. Joseph Purayidathil is a faculty of St. Josephs Business School of SJ CET, since 2017. He started his teaching career as Assistant Professor after completing his Ph.D. in Educational Leadership and Masters degree in Management from Assumption University of Thailand. He has published number of articles in reputed international journals including US China International Journal, SCHOLAR, ABAC ODI Journal, FIIB Business Review etc. and have number of presentations in national and international forums to his credit. In 2019, he has authored a book titled Ethical Leadership: A Model for Character Formation published by Lambert Academic Publishing Company. He has won the Most Impactful Paper Award 2024 by FIIB Sage Publications. His areas of academic interests are Cross Cultural Management, Educational Leadership, Organizational Development, Business Ethics etc. He is a Priest from the diocese of Palai and serves the college also as the chief warden of the hostels of SJ CET, warden of St. Thomas hostel for Men, IQAC member, College Council Member, Ethics Committee member etc. He also serves Mahatma Gandhi University, Kottayam as the Syllabus Expert Committee Member. Dr. V. P. Devassia, Principal, SJ CET Secretary Dr. V P Devassia, after completing his bachelors degree in Electrical Engineering, started his career with Hindustan Paper Corporation, Calcutta and later worked as a Design Engineer with Hindustan Machine Tools Ltd where he was responsible for the design and development of various electronic systems for Computerized Numerical Controlled machines, Flexible Turning Center, Factory automation and so on. He took his Masters Degree in Industrial Electronics and later his Doctoral Research in Signal Processing from Cochin University of Science and Technology. His passion for learning lead him to change his career to academia and today, he has over 27 years of academic experience through various responsibilities like Head of Department and Principal of engineering institutions like Model Engineering college and College of Engineering, Chengannur in Kerala. His administrative excellence has also been very well utilized by the Govt. of Kerala in entrusting him with responsibility of officer in charge of the Institute of Human Resources Development IHRD Regional center and Model Finishing School Ernakulam as

well as the Additional Director of IHRD, Govt. of Kerala. Dr. Devassia later joined the services of St. Josephs College of Engineering and Technology in the capacity of Head, Dept. of Electronics and Communication Engineering and is currently the Principal. Amidst all his administrative responsibilities, Dr. Devassia continues academic research activities in his fields of interests including PseudoPeriodic Signal Processing, Music Signal Source Separation and Video Content Analysis. Dr. Devassia, a Chartered Engineer of the Institution of Engineers India, is professionally affiliated as FIETE, FIE I, MISTE. He has served as the Expert Committee member of many committees like the National Board of Accreditation NBA, AICTE, Board of Studies CUSAT, Governing Body member of Engineering Colleges, among many more. Dr. Devassias faith in the Almighty, unwavering attention to detail, due diligence, steadfast professionalism, zeal for higher academic pursuits, high optimism and perpetual radiance, makes him a person anyone he comes across, to take off your hat to.

LEADERSHIP SJ CET Palai LEADERSHIP Software Development Center 20250306T06:53:4900:00

Mar Joseph Kallarangatt Patron Bishop, Diocese of Palai St. Josephs College of Engineering and Technology is one of the institutions under the Patronage of Mar Joseph Kallarangattu, the Bishop of Palai. His Excellency is a prudent pedagogue and an educationalist par excellence. Mar Joseph Kallarangattu was the Former President Vice Chancellor, Paurastya Vidyapitham, Vadavathoor and has to his credit 35 Scholarly books on Theology and Oriental Liturgy. His Excellency is erudite in ancient East Syrian language. Besides, His Excellency is a polyglot, proficient in English, Latin, Spanish and German languages. SJ CET has become one of the leading educational Institutions in Kerala, thanks to the ennobling leadership of our most revered patron. His generous support and benevolence have provided the College with immense strength to forge ahead to an even more fulfilling and resplendent future. Msgr. Dr. Joseph Thadathil Chairman SJ CET Palai Rev. Prof. James John Mangalathu Director SJ CET Palai Prof. Dr. James John Mangalathu, is a Catholic Priest belonging to the Diocese of Palai. He had his Masters Degree in History from the M S University of Baroda and PhD in IndoPortuguese History, from Pondicherry Central University.

During his researches, he had the opportunity to do various courses at the Universite de Nantes in France and Universidade de Lisboa in Portugal. He has made use of various Archives and Libraries like Bibliotheque Nationale de France, Paris, Archivo Nacional de Torre do Tombo, Archivo Historico Ultramarino, Biblioteca da Ajuda, and Biblioteca Nacional de Lisboa in Portugal, British Library, London, Vatical Library etc. Besides, he has visited countries like Germany, Spain, Belgium, Switzerland, Austria, Hungary, Czech Republic, Slovakia, Hungary, Sweden, Denmark, USA etc. He speaks languages like Malayalam, English, Portuguese, French, Hindi etc. He has published over 20 Research Articles in various National and International Journals. His monumental work The Portuguese and the sociocultural Changes in Kerala 1498-1663 has been published by Routledge, London. He has over 22 years of teaching experience at St Thomas College, Palai in Kerala. He was Professor Head at the Department of History of the College. He was Principal of St Thomas College Palai during 2018-2024. Besides, he has served as the National Executive member of the Xavier Board of Higher Education in India and the Regional President of Southern Kerala. He was also an executive member of Kerala Principals Council and Secretary of Association of Catholic Historians of India. At present he serves as the Joint Secretary of the Association of Catholic Historians of India and also the Private College Management Association. Dr. V. P. Devassia, Ph.D. Principal SJ CET Palai Dr. V P Devassia, after completing his bachelors degree in Electrical Engineering, started his career with Hindustan Paper Corporation, Calcutta and later worked as a Design Engineer with Hindustan Machine Tools Ltd where he was responsible for the design and development of various electronic systems for Computerized Numerical Controlled machines, Flexible Turning Center, Factory automation and so on. He took his Masters Degree in Industrial Electronics and later his Doctoral Research in Signal Processing from Cochin University of Science and Technology. His passion for learning lead him to change his career to academia and today, he has over 27 years of academic experience through various responsibilities like Head of Department and Principal of engineering institutions like Model Engineering college and College of Engineering, Chengannur in Kerala. His administrative excellence has also been very well utilized by the Govt. of Kerala in entrusting him with responsibility of officer in charge of the Institute of Human Resources

Development IHRD Regional center and Model Finishing School Ernakulam as well as the Additional Director of IHRD, Govt. of Kerala. Dr. Devassia later joined the services of St. Josephs College of Engineering and Technology in the capacity of Head, Dept. of Electronics and Communication Engineering and is currently the Principal. Amidst all his administrative responsibilities, Dr. Devassia continues academic research activities in his fields of interests including PseudoPeriodic Signal Processing, Music Signal Source Separation and Video Content Analysis. Dr. Devassia, a Chartered Engineer of the Institution of Engineers India, is professionally affiliated as FIETE, FIE I, MISTE. He has served as the Expert Committee member of many committees like the National Board of Accreditation NBA, AICTE, Board of Studies CUSAT, Governing Body member of Engineering Colleges, among many more. Dr. Devassias faith in the Almighty, unwavering attention to detail, due diligence, steadfast professionalism, zeal for higher academic pursuits, high optimism and perpetual radiance, makes him a person anyone he comes across, to take off your hat to.

Rev. Dr. Joseph Purayidathil M.M., Ph.D. Vice Principal SJ CET Palai

Dr. Joseph Purayidathil is a faculty of St. Josephs Business School of SJ CET, since 2017. He started his teaching career as Assistant Professor after completing his Ph.D. in Educational Leadership and Masters degree in Management from Assumption University of Thailand. He has published number of articles in reputed international journals including US China International Journal, SCHOLAR, ABAC ODI Journal, FIIB Business Review etc. and have number of presentations in national and international forums to his credit. In 2019, he has authored a book titled Ethical Leadership: A Model for Character Formation published by Lambert Academic Publishing Company. He has won the Most Impactful Paper Award 2024 by FIIB Sage Publications. His areas of academic interests are Cross Cultural Management, Educational Leadership, Organizational Development, Business Ethics etc. He is a Priest from the diocese of Palai and serves the college also as the chief warden of the hostels of SJ CET, warden of St. Thomas hostel for Men, IQAC member, College Council Member, Ethics Committee member etc. He also serves Mahatma Gandhi University, Kottayam as the Syllabus Expert Committee Member. Rev. Fr. Thomas Njavallil, BSc Engg. Lab Manager SJ CET Palai Techsavvy is the adjective that suits our Lab

manager best, whose passion is his work. He holds a Degree in Mechanical Engineering. He worked in Merchant Navy as Marine Engineer before joining for Priesthood. He finds goodness in all and appreciate values in every minute efforts made by others. He has a grateful heart, which has endeared him to one and all. Rev. Fr. John Mattamundayil Bursar SJCET Palai Prior to joining this Institution as Bursar on 06022021, he was working here as a Counselling Psychologist, and maintained his indisputable role in providing Counselling to the students in our College. He helped students facing problems related to exam stress, undeveloped emotional resilience, parental pressure for greater achievements and disciplinary problems. Besides, he dealt with problems of the students related to peer pressure, peer relationship, independence vs dependence upon family, and how to be assertive and make right choices for the students. He believes that everything that he sees and hears bears the divine touch of the Master, and even his writeups and speeches are expressions of his communion with the Supreme. As a well known philanthropist, he is ever ready to lend a supporting hand to anyone who needs it.

Telephone Directory SJCET Palai Those who wish to get the student verification report of former students from the college are requested contact : Phone no: 91 9495684408

Internal Quality Assurance Cell IQAC SJCET Palai HomeInternal Quality Assurance Cell IQAC
Internal Quality Assurance Cell IQAC Software Development Center 20230701T06:53:2000:00
Objective The primary aim of IQAC is To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices Strategies IQAC shall evolve mechanisms and procedures for Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks The relevance and quality of academic and research programmes Equitable access to and affordability of academic programmes for various sections of society Optimization and integration of modern methods of teaching and learning The credibility of evaluation procedures

Ensuring the adequacy, maintenance and proper allocation of support structure and services
Sharing of research findings and networking with other institutions in India and abroad Functions
Development and application of quality benchmark parameters for various academic and
administrative activities of the institution Facilitating the creation of a learnercentric environment
conducive to quality education and faculty maturation to adopt the required knowledge and
technology for participatory teaching and learning process Arrangement for feedback response from
students, parents and other stakeholders on qualityrelated institutional processes Dissemination of
information on various quality parameters of higher education Organization of inter and intra
institutional workshops, seminars on quality related themes and promotion of quality circles
Documentation of the various programmesactivities leading to quality improvement Acting as a
nodal agency of the Institution for coordinating qualityrelated activities, including adoption and
dissemination of best practices Development and maintenance of institutional database through MIS
for the purpose of maintaining enhancing the institutional quality Development of Quality Culture in
the institution Preparation of the Annual Quality Assurance Report AQAR as per guidelines Benefits
IQAC will facilitate contribute Ensure heightened level of clarity and focus in institutional functioning
towards quality enhancement Ensure internalization of the quality culture Ensure enhancement and
coordination among various activities of the institution and institutionalize all good practices Provide
a sound basis for decisionmaking to improve institutional functioning Act as a dynamic system for
quality changes in HEIs Build an organised methodology of documentation and internal
communication

SJCET Palai Location SJCET Palai SJCET Palai Location Software Development Center
20190111T09:51:1400:00 St. Josephs College of Engineering and Technology, Palai PPHG4GR,
Bharananganam Pravithanam Road Kottayam, Palai, Choondacherry, Kerala 686579 Get directions
to this location on Google Maps.

National Board of Accreditation NBA SJCET Palai National Board of Accreditation NBA

20240831T03:08:5400:00

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL NAAC SJ CET Palai NATIONAL
ASSESSMENT AND ACCREDITATION COUNCIL NAAC Software Development Center
20250314T08:35:1200:00

National Institutional Ranking Framework SJ CET Palai The National Institutional Ranking Framework NIRF was approved by the MHRD and launched by Honourable Minister of Human Resource Development on 29th September 2015. This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover Teaching, Learning and Resources, Research and Professional Practices, Graduation Outcomes, Outreach and Inclusivity, and Perception.

Kerala Institutional Ranking Framework KIRF SJ CET Palai The Kerala Institutional Ranking Framework KIRF is a strategic initiative by the Government of Kerala to assess and rank higher education institutions across the state. KIRF aims to promote excellence in education by evaluating institutions based on multiple parameters, including academic quality, research contributions, infrastructure, and student engagement. By employing a transparent and robust methodology, KIRF helps institutions identify areas of strength and opportunities for improvement, fostering a culture of excellence in higher education. KIRF evaluates institutions based on several key parameters: Teaching, Learning, and Resources TLR Research and Professional Practices RP Graduation Outcomes GO Outreach and Inclusivity OI Perception PR SJ CET, Palai is an active participant in the KIRF ranking process, reflecting our commitment to academic excellence and institutional integrity. KIRFs comprehensive evaluation enables us to continuously enhance our educational standards, ensuring a toptier learning experience for our students. By aligning with KIRFs criteria,

we strive to uphold and exceed the highest benchmarks of quality in higher education.

International Organization for Standardization SJ CET Palai HomeInternational Organization for Standardization International Organization for Standardization Software Development Center 20230714T07:22:3600:00 ISO 9001:2015 Quality management systems QMS Members NameDesignation Mr. Justine Thomas Deputy Management Representative ISO 14001: 2015 Environmental management systems EMS Members NameDesignation Dr. Tomson Thomas Management Representative Mr. Justine Thomas Deputy Management Representative

Policy Documents SJ CET Palai Policy Documents Software Development Center 20210407T05:50:5700:00 Policy Documents DocumentLink 1 Staff Policy Download 2 Strategic plan Download 3 Policy Document Download

SJ CET Committee SJ CET Palai SJ CET Committee Software Development Center 20241218T07:38:1200:00 College Council Sl. NoDesignationPosition 1 Principal Chairman 2 Manager Member 3 Vice Principal Member 4 HoD ES Secretary 5 Dean, UG Member 6 HoD AD Member 7 HoD CE Member 8 HoD CS Member 9 HoDCY Member 10 HoD EC Member 11 HoD EE Member 12 HoD ME Member 13 HoD MBA Member 14 HoD MCA Member 15 HoD S H Member 16 Faculty Advisor, Student Council Member 17 Dr. Jyothis Thomas, Asso. Professor SH Member 18 Ms. Smitha Jacob, Asst. Professor, CSE Member 19 Asst. Director Physical Education Member 20 Warden, Mens Hostel Member 21 Warden, Womens Hostel Member 22 Chairman College Union Member 23 Vice Chairperson College Union Member 24 Special Invitees Disciplinary Action Committee DAC NameDesignation 1 Dr. Manoj S, Asst. Director, Physical Education 2 Mr. Babusanker S Asst. Professor, ME 3 Dr. Tomson Thomas Asso. Professor, EEE 4 Ms. Jabin Mathew Asst. Professor, AD Grievances Redressal Committee Sl.No.Name DesignationPosition 1 Dr. Pious ThomasProfessor Head, MBA Chairperson 2 Dr. Jyothis ThomasProfessor, Mathematics Member 3 Mr. Sabarinath G. Asst. Professor, CY Member 3 Dr. Rahul Shajan,Assoc. Professor,

MCA Member 4 Dr. Suma Mathew Assoc. Prof., MBA Member 5 Vice Chairman of the College Union, representing students Special Invitee Anti Ragging Committee Designation Role 1 Principal Chairman 2 ManagerNominee of the Management Member 3 Vice Principal Member 4 Bursar Member 5 HoD, ME Convenor 6 HoD, CS Member 7 HoD, CE Member 8 HoD, MCA Member 9 HoD, SH Member 10 Dean UG Member 11 HoD, MBA Member 12 HoD, EC Member 13 HoD, EEE Member 14 HoD, AD Member 15 HoD, ES Member 16 HoD, CY Member 17 Asst. Director, Physical Education Member 18 Dr. Praseetha V M., Associate Professor, CSE Members 19 Class Representative Male S1 AD Member 20 Class Representative Female S1 CY Member 21 Class Representative Male S3 ME B Member 22 Class Representative Female S3 ES Member 23 Class Representative Male S5 CE Member 24 Class Representative Female S5 EC Member 25 Class Representative Male S7 EE Member 26 Class Representative Female S7 CS A Member 27 Class Representative Male S1 MCA Member 28 Class Representative Female S3 MBA Member 29 Class Representative S1 M.Tech Member 30 Warden, St. Thomas Hostel Member 31 Warden, St. Marys Hostel Member 32 PTA President Member 33 Public Relations Officer Representative of a Non teaching Staff Member 34 Representative from Police Administration Member 35 Ms. Sreelekha P., Executive Engineer, PWD Representative from Civil Administration Member 36 Sri Eby Emmanuel P. Secretary Meenachil River Protection Council, Representative of NGO Member 37 Mr. Sijimon M James, Bureau Chief, Malayala Manorama, Member 38 Media Representative Anti Ragging Squad Committee MembersRoleEmailMobile Number Mr. Babusanker , Asst.Professor , Department of ME, Convener sankermounagmail.com 9544397793 Mr. Sreesh P.R, Asst. Professor , Department of ECE Member sreeshprsjcetpalai.ac.in 9446262573 Mr. AlSaheer S.S, Asst.Professor, Department of EIE Member alsaheer.sssjctpalai.ac.in 9847300969 Mr. Manish Jose, Asst.Professor, Department of CE Member manishjoseyahoo.com 9447764273 Mr. Kishore Sebastian, Asst.Professor, Department of CSE Member kishore.sebastiansjctpalai.ac.in 9656800223 Sr. Tessy, Kuttiyanicakal, Warden, St. Augustine Hostel Member 9148655264 Sr. Seena Vadakkedath, Warden, St. Marys Hostel Member 6238269171 Rev. Fr. Thomas Karottukizhakkal, Warden , St. Alphonsa Hostel Member Frboby02gmail.com 9447940444 Rev.Dr.

Joseph Purayidathil, Warden, St. Thomas Hostel Member joseph.purayidathilsjcetpalai.ac.in

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The Internal Complaint Committee ICC

Sl.No.	Name	Designation	Role
1	Dr. Manju George,	Associate Professor Dept. of Science Humanities	Presiding Officer
2	Mr. Sabarinath G.,	Asst. Professor, Electronics Communication Engg	Faculty members
3	Ms. Smitha Jacob,	Asst. Professor, CSE	Faculty members
4	Ms. Jasmin P Jose,	Junior Superintendent	Nonteaching staff members
5	Ms. Jinimol Joseph,	Instructor, ECE	Nonteaching staff members
6	Sr. Thresia Joice Varghese,	Counselor	External members
7	Ms. Remya Alex,	Director, Healthy Minds, Palai,	Member, District Juvenile Board, Kottayam
8	Ms. Ansamma Sabu,	Vice President, AKCC Palai Diocese,	Board Member, Meenachil Library Council
9	Vice Chairperson,	College Union Student nominees	
10	General Secretary,	College Union Student nominees	
11	Girl Student Representative,	Student Council Student nominees	Ethics Committee

Sl. NoMembersRole in the committee

Sl. No	Members	Role in the committee
1	Principal	Chairman
2	VicePrincipal	IQAC Coordinator
3	Management Representative	Member
4	Dr. Lijo Paul	Associate Professor, ME and Dean PG Representative of Associate Professors
5	Dr. Joseph Purayidathil,	Assistant Professor MBA Representative of Assistant Professors
6	Ms. Smitha Jacob,	Assistant Professor, CSE Representative of Lady Faculty Members

Member SC ST Committee

Sl. No	Name	Designation	Role
1	Dr. Lijo Paul,	Dean Student Affairs	Convenor
2	Mr. Babusanker S.,	Asst. Professor, ME	Member
3	Ms. Juney M George,	Asst. Professor, ECE	Member
4	Mr. Manish Jose,	Asst. Professor, CE	Member
5	Ms. Vijayalakshmi G.	Asst. Professor, ECE	Member
6	Mr. Georgekutty Joseph,	Senior Office Assistant	Member

Sports Committee

Sl. No	Name	Designation	Role
1	Dr. V.P. Devassia,	Principal	Chairman
2	Dr. Manoj S,	Asst. Director, Physical Education	Convenor
3	Mr. Simal Siby,	S8 ME,	Sports Secretary of the College Union
4	Mr. Babu Sanker S,	Asst. Professor, ME	Member
5	Ms. Sunitha S Pillai,	Asst. Professor, ECE	Member
6	Dr. Tomson Thomas,	Asso. Professor, EEE	Member
7	Mr. Augustine V George,	Instructor, ME	Member
8	Mr. Ceon Joseph,	S8 CE	Member
9	Mr. Sidharth U Nair,	S8 AD	Member
10	Ms. Anju Benny,	S6 EE	Member

20250303T03:57:0900:00 National Board of Accreditation NBA NBA has accredited Electronics Communication Engineering, Mechanical Engineering, Computer Science Engineering, Civil Engineering and Electrical Electronics Engineering departments. FIND THE RIGHT PROGRAMME FOR YOU B.TECH PROGRAMMES NBA accredited programmes M.TECH PROGRAMMES Ph.D. PROGRAMME Computer Science and Engineering Electronics and Communication Engineering Electrical and Electronics Engineering Mechanical Engineering Master of Computer Applications Master of Business Administration MASTER OF BUSINESS ADMINISTRATION MASTER OF COMPUTER APPLICATIONS INTEGRATED MASTER OF COMPUTER APPLICATIONS WHY ST. JOSEPHS COLLEGE PALAI EXCELLENT PLACEMENT RECORD Excellent placement statistics is an ample testimony to its objective of placing all eligible and interested students according to their career objective. UNIVERSITY RANKS More than 30 university ranks in Bachelor of Technology, Master of Technology and Master in Business Administration Courses. STUDENT MENTORING SYSTEM The Strong mentoring system supports and encourages a student in their academic and personal growth. One to one attention is ensured to each individual to excel. STATE OF THE ART LIBRARY FACILITY A very large Library with more than 70,000 Books, Journals and Magazines. National Board of Accreditation NBA has visited the campus and commented as one among the best libraries they have ever visited. PROFESSIONAL SOCIETIES SJ CET Palai encourages the professional society activities among the students. Professional societies like IEEE, Computer Society of India CSI, The Indian Society for Technical Education ISTE, The Instrument Society of India SOI are deeprooted in the college. EMINENT FACULTIES Our faculty members are inspirational facilitators they are worldclass researchers and leaders in their respective fields. Most of them have M.Tech and Ph.D from NITs and IITs. ENTREPRENEURIAL INSPIRATION SJ CET Startup Bootcamp is an Innovation and Entrepreneurship Development Center IEDC functioning in the campus to foster the innovative and entrepreneurial skills among the students. QUICK FACTS 1400 TOTAL HOSTEL INMATE CAPACITY 27 COLLEGE BUSES CONVEYING TO VARIOUS TOWN HUBS AND COUNTRYSIDE 20000000 SCHOLARSHIP WORTH 2.0 CRORE 60 ACRES OF WIFI ENABLED CAMPUS ADMISSION HELPLINES B.TECH M.TECH ADMISSION

HELPLINES admissionsjcetpalai.ac.in 04822 239 713 Dr. Jyothis Thomas Tel: 91 8078700700 Tel: 91 9447205778 MBA ADMISSION HELPLINES Dr. Pious Thomas Tel: 91 7034737399 MCA ADMISSION HELPLINES Dr. Rahul Shajan Tel: 91 7034767699 NRI ADMISSION HELPLINE Tel: 91 8078 701 701 Tel: 04822 239 714 Tel: 04822 239 708

SJCET Palai Scholarships SJCET Palai B.TECH PROGRAMMES Civil Engineering 30 Seats Computer Science Engineering 180 Seats Electronics and Communication Engineering 60 Seats Electrical and Electronics Engineering 30 Seats Mechanical Engineering 60 Seats Artificial Intelligence and Data Science 60 seats Electronics Computer Engineering 60 seats Computer Science Engineering Cyber Security 60 Seats Computer Science Engineering Artificial Intelligence Data Science 60 Seats M.TECH PROGRAMMES Advanced Manufacturing and Production Management 18 Seats Computer Science Engineering 18 Seats Structural Engineering Construction Management 24 Seats VLSI Embedded Systems 18 Seats PHD PROGRAMME Computer Science Engineering Electronics and Communication Engineering Mechanical Engineering Computer Applications Management MASTER OF BUSINESS ADMINISTRATION MBA 60 Seats MASTER OF COMPUTER APPLICATIONS MCA 60 Seats

B.Tech Admission Working Professionals SJCET Palai B.Tech Admission Working Professionals Software Development Center 20241202T13:32:2100:00 National Board of Accreditation NBA NBA has accredited Electronics Communication Engineering, Mechanical Engineering, Computer Science Engineering, Civil Engineering and Electrical Electronics Engineering departments. FIND THE RIGHT PROGRAMME FOR YOU B. Tech for Working Professionals is a continuation of technical expertise acquired after completing Diploma programmes and offers an opportunity for Diploma holders to obtain B. Tech Degree in Engineering while working. Duration of the Course Same as in the case of lateral entry admissions to second year hitherto made with a total course duration of not less than 3 years so as to fulfill the total instructional hours for awarding B. Tech degree as per the B. Tech 2019 regulations. Timings for conduct of classes normally shall be in the

evening hours any flexible convenient timings including weekends holidays. B.TECH PROGRAMMES Computer Science Engineering 30 Seats Artificial Intelligence and Data Science 30 Seats Electrical and Electronics Engineering 30 Seats COLLEGE MERIT HOW TO APPLY Fee for application form is Rs. 500. Candidates can apply by downloading and filling up the application form from the website. Last date of Application: 04 September 2024 ELIGIBILITY CRITERIA The applicant seeking admission to the course should be a professional employee working in Registered Industry Organization Central State Private Public Limited Company MSMEs. In proof thereof, the applicant shall submit proof of employment from the Employer in the form of an Employment Certificate to be produced. The applicant should have been employed in the Registered Industry Organization Central State Private Public Limited Company MSMEs for a minimum continuous period of ONE Year on Full time basis. . In proof thereof the applicant shall submit proof of continuous employment and conduct from the Employer in the format attached to these guidelines of a Certificate to be produced. The applicant should have passed Diploma examination with at least 45 marks 40 marks in case of applicants belonging to reserved category in ANY branch of Engineering Technology. OR Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45 marks 40 marks in case of applicants belonging to reserved category and passed 102 examination with Mathematics as a subject, provided that the applicants belonging to B.Sc stream shall clear the subjects Engineering Graphics Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second Year subjects. These subjects can be done as Audit courses. OR Passed D. Voc. Stream in the same or allied sector. Candidates should be qualified in the B. Tech Lateral entry exam 2024 conducted by the LBS center for science and technology There shall be no age limit to apply for admission to the course. ADMISSION ENQUIRY Admission Officer 04822 239 713 DOCUMENTS REQUIRED Mark list of Diploma, 10th, 12th 2 VHSECBSEICSEOthers FEE STRUCTURE Fee Structure Sl.NoParticularsAmount 1 Tuition Fee Rs. 37,500 Per Semester 2 Caution deposit Rs. 5,000Refundable 3 Fee for Value Added Courses Special Facilities Rs.10,000 Per Year 4 Admission Fee Rs. 500 5 Fee for university statutory bodies KTU Fees as actuals 6 University Exam Fee KTU

Fees as actuals

B.Tech Admission SJ CET Palai B.Tech Admission Software Development Center
20250222T12:15:5000:00 National Board of Accreditation NBA NBA has accredited Electronics
Communication Engineering, Mechanical Engineering, Computer Science Engineering, Civil
Engineering and Electrical Electronics Engineering departments. FIND THE RIGHT PROGRAMME
FOR YOU St. Josephs College of Engineering and Technology, Palai follows Kerala Catholic
Engineering College Managements Associations selection procedure for B.Tech Admission 2025. In
accordance with agreement between Government of Kerala and Kerala Catholic Engineering
College Managements Association, 50 of the seats would be permitted to be set apart to the
Commissioner for Entrance Examinations CEE for allotment. Remaining 50 of the B.Tech seats will
be filled by the College on merit. Bodybuilder John Meadows Shows How the Dumbbell Pullover
Can Be Great for Pec Growth | BarBend deca durabolin before and after kazakhstani bodybuilder
reportedly marries sex doll in small ceremony B.TECH PROGRAMMES Artificial Intelligence and
Data Science 60 Seats Civil Engineering 30 Seats Computer Science Engineering 180 Seats
Computer Science Engineering Cyber Security 60 Seats Computer Science Engineering Artificial
Intelligence 60 Seats Electronics and Communication Engineering 60 Seats Electronics Computer
Engineering 60 Seats Electrical and Electronics Engineering 30 Seats Mechanical Engineering 60
Seats NBA Accredited Courses COLLEGE MERIT HOW TO APPLY Candidates can apply Online
by filling up the application form and pay the fee online. Fee for application form is Rs. 500. Online
Payment Charges Extra. ELIGIBILITY CRITERIA Nationality: Candidates must be citizens of India.
Age: Applicants should have completed 17 years of age on 31st December 2024. No relaxation of
age will be allowed Academic Requirements: Candidates who have passed Higher Secondary
Examination, Kerala, or Examinations recognized as equivalent thereto, with 45 marks in
Mathematics, Physics and Chemistry put together are eligible for admission. Entrance Examination:
Candidates should qualify in the Kerala Engineering Entrance Examination 2025 KEAM 2025
conducted by the Commissioner of Entrance Exams, Government of Kerala. ONLINE

APPLICATION INSTRUCTIONS STEP 1 STEP 2 STEP 3 STEP 4 STEP 5 STEP 6 STEP 1

Register yourself using your active email ID and valid Indian mobile number in our Admission Portal. After registration you will receive an application number and password through email and SMS. Use the received application number and password to login to the admission portal. STEP 2 Fill up the Application form with your basic details, contact details, qualifying exam details, branch preferences and save application form to proceed to Next Step. STEP 3 After successful submission of the contact details, qualifying exam details, branch preferences you should upload necessary certificates in JPEG format only and fillup the KEAM 2025 details and may proceed for payment. In case your KEAM result is awaited at the time of filling this application form, you may update and upload the supporting document afterwards as and when your result is declared. At this stage you have completely filled the application form for document verification. STEP 4 After successful payment, your application should be under process and within 34 working days you will get any one of the status as below: A Verified Status in case you have submitted the transcript of qualifying exam and you are eligible for admission procedure. A Conditional Verified Status in case your result of qualifying exam is awaited or document submission is pending or document submitted lacks clarity, we will allow you to take part in admission procedure only after resubmission or updating of required details in the stipulated time. An Email of Regret and Alternate programme option for you in case you are not eligible to take admission in the programme applied. You can login in to our Admission Portal to see the status of your application. STEP 5 You can further update the application form details and upload necessary certificates at any time even after the payment. After successful completion of online application, you can check the status of your application by logging into your account. Your application will get verified soon after you upload all the certificates stipulated in the online application form. Application portal will get locked after successful verification where further editing is not possible. Further you will be only able to update KEAM 2024 Entrance Rank field in the Admission Portal. STEP 6 Rank list will be generated further in the stipulated date, where date of publication of Rank will be updated later here. DOCUMENTS REQUIRED Proof of Date of Birth 10th Birth certificate Passport. Admit card of Kerala Entrance Examination 2025 Mark

sheet of Kerala Entrance Examination 2025. Mark list of 12th 2 VHSECBSEICSEOthers

IMPORTANT DATES NB: Candidates are requested to report to the college at the scheduled time with original documents and fees. **NRI QUOTA OVER VIEW** For B.Tech. Admissions 15 of the seats are allotted in the NRI category. An NRI can sponsor the children or dependents and heshe will have to give an undertaking in the prescribed format. Sponsor should also provide a self attested copy of passport, copy of visa and copy of employment certificate. **ELIGIBILITY** Age: Applicants should have completed 17 years of age on 31st December 2024. **Academic Requirements:** Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with 45 marks in Mathematics, Physics and Chemistry put together are eligible for admission. **Entrance Examination:** Candidates are exempted from qualifying in the Kerala Engineering Entrance Examination 2024 KEAM 2024 conducted by the Commissioner of Entrance Exams, Government of Kerala. **NRI ADMISSION ENQUIRY** 91 8078 701 701, 04822 239 714, 04822 239 708, **GOVERNMENT QUOTA OVER VIEW** For B.Tech. Admissions 50 of seats are allotted through the common counseling and allotment process by the Commissioner of Entrance Examination. **ELIGIBILITY** Nationality: Candidates must be citizens of India Age: Applicants should have completed 17 years of age on 31st December 2024. **Academic Requirements:** Pass in Higher Secondary Examination from the Board of Higher Secondary Education of Kerala or an examination recognized equivalent thereto with 50 aggregate marks in Mathematics, Physics and Chemistry. **Entrance Examination:** Candidates should qualify in the Kerala Engineering Entrance Exam 2025 KEAM 2025 conducted by the Commissioner of Entrance Examination, Government of Kerala. The college code for CEE Allotment is : **SJC ADMISSION ENQUIRY** 91 8078 700 700 04822 239 713 Dr. Jyothis Thomas 91 9447 205 778 **FEE STRUCTURE** SL.NO. PARTICULARSAMOUNT 1 Admission Fee 500 2 Caution deposit 10,000Refundable 3 Tuition Fee 50,250Semester 4 Value Added Courses and Special Facilities 10,000Year 5 University Registration Fee 1,580 6 University Student Affiliation Fee 790 7 University Examination Fee 1,995Semester May vary as per Kerala Govt. Norms. May vary as per APJ Abdul Kalam Technological UniversityKTU Norms. Merit Scholarships 2024: Management Govt. Seats BranchCategoryEligibility for claiming

Scholarship Scholarship Amount Year Tuition fee to be paid after scholarship Semester CS I Up to 2000 KEAM rank 90500 5000 II Between 2001 to 5000 60500 20000 AD, CY CT I Up to 5000 KEAM rank 90500 5000 II Between 5001 to 10000 60500 20000 EC, ES, ME, CE, EE I Up to 5000 KEAM rank 90500 5000 II Between 5001 to 10000 60500 20000 III Between 10001 to 15000 35500 32500 Note 1: Scholarship will be provided for deserving candidates other than specified. Note 2: The college offers different types of scholarships for those seeking admissions and that scholarship which is found to be the best for the candidate under consideration would be offered. Note 3: For the continuation of the scholarship, the candidate should not involve in any disciplinary action from the college or hostel. Note 4: To retain the scholarship in a semester the student should have to pass all the subjects in that semester in the first chance and should have SGPA 9 for category I, SGPA 8 for Category II, SGPA 7 for Category III. Should be regular in class with an attendance of greater than 90 Note 5: Students who are members of the Diocese of Palai and not availing any of the above scholarships are eligible for Diocesan scholarship of Rs 10,000 per year for B.Tech M.Tech MBAMCA COMMUNITY QUOTA The candidates seeking admission under community quota are requested to produce the following documents: Community Proforma from CEE website. Letter from Parish Priest. Community certificate from Msgr. Dr. Joseph Maleparampil, Vicar General, Pala Diocese. Community Certificate Format

M.Tech Admission Working Professionals SJ CET Palai Home M.Tech Admission Working Professionals M.Tech Admission Working Professionals Software Development Center 2024 1202T13:37:5800:00 FIND THE RIGHT PROGRAMME FOR YOU M.TECH ADMISSION FOR WORKING PROFESSIONALS 2024 M. Tech for Working Professionals is a continuation of technical expertise acquired after completing B.Tech programmes and offers an opportunity for B.Tech holders to obtain M. Tech Degree in Engineering while working. Duration of the Course 1. The duration as prescribed by the University in M.Tech 2022 Regulations of APJAKTU which shall form part of guidelines 2. Timings for conduct of classes normally shall be in the evening hours any flexible convenient timings including weekends holidays. M.TECH PROGRAMMES Computer

Science and Engineering Dept. of Computer Science Engineering 15 Seats Structural Engineering
 Construction Management Dept. of Civil Engineering 15 Seats VLSI Embedded Systems Dept. of
 Electronics Communication Engineering 15 Seats

ELIGIBILITY CRITERIA The applicant seeking admission to the course should be a professional employee working in Registered Industry Organization Central State Private Public Limited Company MSMEs. In proof thereof the applicant shall submit proof of employment from the Employer in the form of an Employment Certificate to be produced. The applicant should have been employed in the Registered Industry Organization Central State Private Public Limited Company MSMEs for a minimum continuous period of ONE Year on Full time basis. . In proof thereof the applicant shall submit proof of continuous employment and conduct from the Employer in the format attached to these guidelines of a Certificate to be produced. The eligibility criteria for admissions to the various M.Tech programmes for Working Professionals that are sanctioned, shall strictly be as per the prospectus issued annually by the DTE for admission to the various M Tech programmes. There shall be no age limit to apply for admission to the course

HOW TO APPLY Fee for application form is Rs. 750. Candidates can apply by downloading and filling up the application form from the website.

ADMISSION HELPLINE NUMBERS

DOCUMENTS REQUIRED Mark list of B. Tech BE, 10th, 12th 2 VHSECBSE ICSE Others

A candidate for being eligible for admission to the Master of Technology courses should have B.Tech.B.E. Degree or equivalent examination in the relevant discipline as mentioned below as per University norms:

FEE STRUCTURE	Fee Structure	SL.NO.	PARTICULARS	SAMOUNT
1	Admission Fee	500		
2	Caution deposit	5000		
3	Tuition Fees	37,500	Semester	
4	University Registration Fee	1500		
5	University Student Affiliation Fee	1000		
6	University Examination Fees	1,500	Semester	

MBA Admission SJ CET Palai Admission to St. Josephs Business School is based on the following procedures. All seats are based on merit only. As per admission supervisory committee a valid CAT CMAT KMAT score is the basis for admission, in addition to 50 marks in the qualifying graduate examination. You may apply online through the website link by remitting admission fees Rs.700. Kindly download and send the completed application form to Admission office, St. Josephs Business

School, St. Josephs college of Engineering and Technology, Choondacherry P.O., Kottayam 686579, Kerala, India with the following documents: Copy of Mark sheets SSLC, 2, Degree Copy of CMATCAT KMAT score card. The candidates short listed on the basis of their score in qualifying examination and graduation will be called for a Group Discussion and Interview. The selection will also be based on the candidates academic performance and the performance during the Group Discussion and Interview process. NOTE: If you are facing any difficulty in using the online application form, please contact us for assistance at hodmbasjcetpalai.ac.in, Mobile No.7034737399, 9980795902.

MCA Admission SJCET Palai MCA Admission Software Development Center
20250314T06:51:5000:00 St. Josephs College of Engineering and Technology SJCET offers an exceptional MCA NBA Accredited program, providing students with a strong foundation in the field of computer applications. This program not only equips students with advanced knowledge and practical skills but also opens up avenues for research and academic excellence. For those aspiring to reach the pinnacle of their academic journey, SJCET extends the opportunity to pursue a Ph.D. in computer science and related disciplines. Our dedicated faculty and stateoftheart facilities are here to support and nurture your research ambitions, ensuring that you can contribute meaningfully to the everevolving world of technology. Join our MCA program at SJCET and embark on a transformative academic journey that can lead to a Ph.D., where innovation knows no bounds. Dr. Rahul Shajan HoD MCA 91 7034 76 76 99 Prof. Akhil Sekharan 91 8547629557 Online Application Instructions Candidates shall download the application form from www.sjcetpalai.ac.in or admission.sjcetpalai.ac.in. Fee shall be paid through Demand Draft in favor of The PRINCIPAL, St. Josephs College of Engineering and Technology, Palai payable at Palai. Candidate should send the filled application form along with the Demand Draft and copies of following documents to this address: The PRINCIPAL, St.Josephs College of Engineering and Technology, Palai, Choondacherry P.O, Palai686 579,Kottayam District,Kerala,India. by Registered Post Speed Post Hand Delivery , before the last date. SelfAttested copies of the following documents to be attached

with the application form Dont send Originals Proof of Date of Birth 10th Birth certificate Passport.

12th 2 VHSECBSEICSEOthers CertificateDegree Mark list for the known results Fee for application form is Rs. 500. Rupees Five Hundred only. SOCIAL COMMITMENT OF SJCET, PALAI At St. Josephs College of Engineering Technology, as a commitment to the society we are providing free MCA entrance coaching classes during the month of June every year. These sessions will be beneficial for students who are writing the entrance examination. Students who want to attend the coaching sessions for the next year can register here any time during the year: [APPLY HERE FOR FREE MCA ENTRANCE COACHING](#) Click to Join Entrance Class Whatsapp Group

Item	Head	Sem 1	Sem 2	Sem 3	Sem 4	Total
Admission Fee	one Time	500	0	0	0	500
Caution Deposit	Refundable	5000	0	0	0	5000
Tuition Fee		25000	25000	25000	25000	100000
Exam Fees		2600	2600	2330	2645	10175
Special Fee	Semester wise	7500	7500	7500	7500	30000
KTU Student Affiliation Fee		1050	0	0	0	1050
KTU Student administration fee		1050	0	0	0	1050
KTU Arts and Sports Fee		530	0	530	0	1060
PTA Fees	Yearly	1000	0	1000	0	2000
Common Conveyance Charges		3000	0	0	0	3000
Industry Connect Training Fee		4000	0	0	0	4000
Total		51230	35100	36360	35145	157835

Subject to approval by Governing Body of the college May vary as per KTU norms

Uniform fee for boys : INR 2400, for girls : INR 3000 Approx.

Scholarship I Merit Scholarship Scholarship details and eligibility The student who have taken admission for the MCA programme at SJCET through approved MCA Entrance Examination by securing a rank better than 250 will be eligible to apply for merit scholarship. The scholarship per semester will be 50 of the semester tuition fee of the MCA programme of SICET. The application must be submitted through HoD within 15 days commencement of the first semester class or closure of admission, whichever is later. Eligibility to retain the scholarship To retain the scholarship in nth semester, the student should have an attendance 90 at the end of nth semester. However, on genuine medical grounds subject to timely submission of supporting medical certificate, a further relaxation on attendance by 10 can be permitted on recommendation of the faculty advisor HoD. The student should not have involved in any case of indiscipline in the college hostel college bus and college premises. To retain the scholarship in final semester, in addition to the conditions 1 2 above, the student should have

passed all courses in the final semester in the first chance itself with an overall CGPA of minimum 7.0. Eligibility for continuing the scholarship in nth Semester The student should have passed all courses in the nth semester in the first chance with an SGPA 7.0 II Diocesan scholarship Students who are members of Parishes in Palai Diocese are eligible for Diocesan scholarship of Rs 5000 per semester

B.Tech Admission Lateral Entry SJCET Palai B.Tech. Lateral Entry Programme is a continuation of technical expertise acquired after completing Diploma programmes and offers an opportunity to Diploma holders to obtain B.Tech Degree in Engineering. 10 of the sanctioned seats in each B.Tech course is allotted for lateral entry admission during the commencement of the third semester. This is in addition to the total seats allotted for each course. Duration: The duration of Degree programme is 3 years as the candidate will be admitted directly to second year of the regular B. Tech. Program.

63yo Bodybuilder Doug Brignoles Cause of Death Revealed As Covid19 Infection Not Vaccination

Fitness Volt benefits of deca durabolin tre trotter ifbb pro bodybuilder and servicemember vet with a mic

B.TECH PROGRAMMES Artificial Intelligence and Data Science 60 Seats Civil Engineering Computer Science Engineering Electronics and Communication Engineering Electronics Instrumentation Engineering Electrical and Electronics Engineering Mechanical Engineering Electronics Computer Engineering

M.Tech Admission SJCET Palai Nationality: Candidates must be citizens of India. Academic Requirements: 1.The candidates should have studied the Graduate course in an institution approved by the AICTE Deemed Universities. Candidates should have a minimum of 60 aggregate marks in the Engineering Degree examination. 2.For SCST candidates a pass in the Engineering Degree course is sufficient. For SEBC students, a minimum of 54 aggregate marks in the Engineering Degree examination is mandatory. 3.Candidates who have appeared for the final semester examination can also apply, provided he/she has passed all the subjects up to and including the 6th semester exam 8th semester for B.Tech students. Selection of such candidates

shall be subject to the production of qualifying degree satisfying conditions specified above as applicable on or before September 30, 2019. 4.Candidates, who have passed AMIE AMIETE Examinations and satisfying the following conditions, are eligible for admission. They must have valid GATE score. A minimum of 55 marks for section B in AMIEAMIETE examination. Minimum three years of Professional experience in the field of Specialization after acquiring the qualifying degree. Candidates with valid GATE score are eligible for scholarships as per AICTE norms.

MCA Admission SJ CET Palai MCA Admission Software Development Center
20250314T06:52:3600:00 MCA integrated SJ CET Palai St. Josephs College of Engineering and Technology SJ CET offers an exceptional MCA program, providing students with a strong foundation in the field of computer applications. This program not only equips students with advanced knowledge and practical skills but also opens up avenues for research and academic excellence. For those aspiring to reach the pinnacle of their academic journey, SJ CET extends the opportunity to pursue a Ph.D. in computer science and related disciplines. Our dedicated faculty and stateoftheart facilities are here to support and nurture your research ambitions, ensuring that you can contribute meaningfully to the everevolving world of technology. Join our MCA program at SJ CET and embark on a transformative academic journey that can lead to a Ph.D., where innovation knows no bounds. Dr. Rahul Shajan HoD MCA 91 7034 76 76 99 Prof. Akhil Sekharan 91 8547629557 Online Application Instructions Candidates shall download the application form from www.sjcetpalai.ac.in or admission.sjcetpalai.ac.in. Fee shall be paid through Demand Draft in favor of The PRINCIPAL, St. Josephs College of Engineering and Technology, Palai payable at Palai. Candidate should send the filled application form along with the Demand Draft and copies of following documents to this address: The PRINCIPAL, St.Josephs College of Engineering and Technology, Palai, Choondacherry P.O, Palai686 579,Kottayam District,Kerala,India. by Registered Post Speed Post Hand Delivery , before the last date. SelfAttested copies of the following documents to be attached with the application form Dont send Originals Proof of Date of Birth 10th Birth certificate Passport. 12th 2 VHSECBSEICSEOthers Fee for application form is Rs. 500.

Rupees Five Hundred only. Apply Online Fee Structure Item HeadSem 1Sem 2Sem 3Sem 4Sem 5Sem 6Sem 7Sem 8Sem 9Sem 10Total Admission Feeone Time 500 0 0 0 0 0 0 0 0 0 500 Caution DepositRefundable 10000 0 0 0 0 0 0 0 0 0 10000 Tuition Fee 25000 25000 25000 25000 25000 25000 30000 30000 30000 30000 270000 KTU Exam Fees 2615 2615 2615 2615 2615 2615 2615 2615 2615 2615 26150 KTU Student Affiliation Feeone Time 1050 0 0 0 0 0 0 0 0 0 1050 KTU Student administration feeone Time 1050 0 0 0 0 0 0 0 0 0 1050 KTU Arts and Sports FeeYearly 530 0 530 0 530 0 530 0 530 0 2650 Special Fee 10000 0 10000 0 10000 0 10000 0 10000 0 50000 PTA FeesYearly 1000 0 1000 0 1000 0 1000 0 1000 0 5000 Common Conveyance Charges 7500 0 0 0 0 0 0 0 0 7500 Industry Connect Training Fee 8000 0 0 0 0 0 0 0 0 8000 Total 67245 27615 39145 27615 39145 27615 44145 32615 44145 32615 381900 Subject to approval by Governing Body of the college May vary as per KTU norms Uniform fee for boys : INR 2400, for girls : INR 3000 Approx. Scholarship I Diocesan scholarship Students who are members of Parishes in Palai Diocese are eligible for Diocesan scholarship of Rs 5000 per semester

Faculty Development Programmes SJCET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home FacebookInstagramLinkedinYouTubeTwitter HomeFaculty Development Programmes Faculty Development Programmes Software Development Center 20250220T07:16:0400:00

SJCET Redhat Academy SJCET Palai SJCET Redhat Academy Software Development Center 20240416T04:49:1200:00 SJCET PALAI have entered a MoU with Red Hat the Worlds largest Linux Company, to become a RedHat Academy. Through this academic partnership, Red Hat is providing training and certification programmes in todays most demanded globally recognized IT certifications. Red Hat Academy turns academic institutions into centers for enterpriseready talent by outfitting them with Red Hat Training. This comes in the form of handson instruction, curriculum, labs, performancebased testing, and instructor support. The Red Hat Academy curriculum is offered

across Red Hats most indemand platform, middleware, and cloud technologies. COURSES OFFERED Red Hat Certified System Administrator RHCSA An IT professional who has earned the Red Hat Certified System Administrator RHCSA is able to perform the core system administration skills required in Red Hat Enterprise Linux environments. The credential is earned after successfully passing the Red Hat Certified System Administrator RHCSA Exam EX200. A Red Hat Certified System Administrator RHCSA is able to perform the following tasks: Understand and use essential tools for handling files, directories, commandline environments, and documentation Operate running systems, including booting into different run levels, identifying processes, starting and stopping virtual machines, and controlling services Configure local storage using partitions and logical volumes Create and configure file systems and file system attributes, such as permissions, encryption, access control lists, and network file systems Deploy, configure, and maintain systems, including software installation, update, and core services Manage users and groups, including use of a centralized directory for authentication Manage security, including basic firewall and SELinux configuration

Fee Structure	Module 1	Item	Standard Fees	Red Hat Academy Fee	Savings for student
SA I	SA II	EX200 Exam	Fees Incl. Tax	INR 17700	INR 8850
INR 8850	59	Material	INR 4000	Nil	INR 4000
Training Fee	Fast track	Incl. Tax	INR 17700	INR 6000	INR 11700
66	Total Per Student	INR 39400	INR 14850	INR 24550	62

Red Hat Certified Engineer RHCE A Red Hat Certified Engineer RHCE is a Red Hat Certified System Administrator RHCSA who possesses the additional skills, knowledge, and abilities required of a senior system administrator responsible for Red Hat Enterprise Linux systems. An RHCE is capable of RHCSA tasks plus the following: Configuring static routes, packet filtering, and network address translation Setting kernel runtime parameters Configuring an Internet Small Computer System Interface iSCSI initiator Producing and delivering reports on system utilization Using shell scripting to automate system maintenance tasks Configuring system logging, including remote logging Configuring a system to provide networking services, including HTTPHTTPS, File Transfer Protocol FTP, network file system NFS, server message block SMB, Simple Mail Transfer Protocol SMTP, secure shell SSH and Network Time Protocol NTP

Fee Structure	Module 2	Item	Standard Fees	Red Hat Academy Fee	Savings for student
SA I	SA II	EX200 Exam	Fees Incl. Tax	INR 17700	INR 8850
INR 8850	59	Material	INR 4000	Nil	INR 4000
Training Fee	Fast track	Incl. Tax	INR 17700	INR 6000	INR 11700
66	Total Per Student	INR 39400	INR 14850	INR 24550	62

of Savings SA III EX300 Exam Fees Incl. Tax INR 17700 INR 8850 INR 8850 55 Material INR 2000 Nil INR 2000 Training Fee Fast track Incl. Tax INR 17700 INR 6000 INR 11700 66 Total Per Student INR 37400 INR 14850 INR 22550 60 Red Hat Academy Challenge 2022 Ms. Amala Maria Kurvilla of B.Tech CSE bagged third prize Ms. Anitta Siby, B.Tech CSE, came under top 10 participants in the contest. Red Hat Academy of SJ CET Palai, has won 2nd prize for maximum students registration.

WORKSHOPS National Webinar on Accreditation and Placement benefits by establishing RHA in HEIs The Red Hat academy of SJ CET Palai, in association with Red Hat India, conducted a National Webinar to academic institutes in India on Accreditation and Placement Benefits by establishing Red Hat Academies in HEIs on 03 June 2021.

ACHIEVEMENTS Winner of Red Hat Academy India Challenge Hatathon 2019 Mr. Gilbert Tom, MCA Department St. Josephs College of Engineering Technology, Palai was awarded bronze Medal for the active participation of the college for the Red Hat India Challenge, 2019. Students shortlisted to the Final Round of Red Hat Academy India Challenge Hatathon 2019 Student Name Noel Philip Vivek B Kiran Mathew Abin Bijo Joel Thaiparambil Gilbert Tom Students shortlisted to the final round of Red Hat Academy India Challenge Hatathon Competition, 2020. Student Name Nikhit S Amal Sebastian Augustine S Aykara Chrisbin Sunny Justine Francis Sandra Stephen Nibin Sabu Thomas

CERTIFICATION RHCSA Certification 201718 19 students from B. Tech CSE and MCA department and 3 faculty member of SJ CET, Palai successfully completed RHCSA certification during the academic year 201718. Click edit button to change this text. NoNameStudent Faculty member Department 1 Anish Augustine K Faculty MCA 2 Prince Abraham Faculty CSE 3 Prince V Jose Faculty CSE 4 Anju K Cherian Student CSE 5 Irene Johnson Student CSE 6 Tony Benny Student CSE 7 Gilbert Tom Student CSE 8 Vivek B Pillai Student CSE 9 Sharon Shilpa Philip Student CSE 10 Shyamjith S A Student CSE 11 Roshan Robin Student CSE 12 Akshaykrishna K. G Student CSE 13 Laveena George Student CSE 14 Joyal Babu Student CSE 15 Noel Philip Student CSE 16 Tezzy Thomas Student CSE 17 Stephy Jolly Student CSE 18 Allen James Student CSE 19 Anoop Joel Saji Student CSE 20 Roni K James Student CSE 21 John Philip Student CSE

RHCE Certification 201819 9 students successfully completed RHCE certification during the academic year 201819. NoNameStudent Faculty

memberDepartment 1 Anish Augustine K Faculty MCA 2 Prince Abraham Faculty CSE 3 Prince V Jose Faculty CSE 4 Anju K Cherian Student CSE 5 Irene Johnson Student CSE 6 Tony Benny Student CSE 7 Gilbert Tom Student CSE 8 Vivek B Pillai Student CSE 9 Sharon Shilpa Philip Student CSE 10 Shyamjith S A Student CSE 11 Roshan Robin Student CSE 12 Akshaykrishna K. G Student CSE 13 Laveena George Student CSE 14 JoyalBabu Student CSE 15 Noel Philip Student CSE 16 Tezzy Thomas Student CSE 17 Stephy Jolly Student CSE 18 Allen James Student CSE 19 Anoop JoelSaji Student CSE 20 Roni K James Student CSE 21 John Philip Student CSE RHCE

Certifications Internships 202021 Certifications NoNameStudent Faculty memberDepartment 1 Saranya S Student CSE 2 Sebin Byju Student CSE 3 Rhea Salih Student CSE 4 Respa R S Student CSE 5 Rohann Tom Soney Student CSE 6 Riya Theresa Abraham Student CSE 7 Lija Joy Student CSE Internships Student nameInternship AreaCourseBranch Anjana C V Data Analytics using Python M.Tech CSE Anjana Ravi Data Analytics using Python M.Tech CSE Gargi N R Data Analytics using Python M.Tech CSE Renju Renjith Data Analytics using Python M.Tech CSE Shilpa Shiva Data Analytics using Python M.Tech CSE Introduction to OpenShift Applications About the course : Red Hat OpenShift Container Platform is a containerized application platform that allows enterprises to accelerate and streamline application development, delivery, and deployment onpremise or in the cloud. As OpenShift and Kubernetes continue to become widely adopted, developers are increasingly required to understand how to develop, build, and deploy applications with a containerized application platform.

RAEREST International Conference, SJCET Palai SJCET Palai RAEREST International Conference, SJCET Palai Software Development Center 20250220T03:26:4300:00 RAEREST 2018 Interactive session As part of RAEREST 2018 2nd edition of International Conference, an interactive session with Dr. P.V. Aravind, Associate Professor, TU Delft, Netherlands, is arranged on 21st April, 2018 Saturday during 1.30 3.00 p.m. at St. Francis Hall, St. Joseph s College of Engineering Technology, Palai. Topic of discussion: Fuel cells, Renewable Energy Power Generation Current status and Research higher studies opportunities in European countries. The poster for the event is

attached herewith. Targeted audience: Faculty members, Research scholars and Students.

Registration: No registration fee. Registration is limited and all registered candidates are eligible for certificates. The 2nd International Conference on Global Colloquium in Recent Advancements and Effectual Researches in Engineering, Science and Technology RAEREST focused on providing an international opportunity for sharing the ideas, knowledge and information of eminent and experienced professionals from industries, research organizations, faculty, research scholars and students from academic institutions among experts and researchers working in their area of interest. The theme of the conference was Human Empowerment through Technology. The program of the conference constituted plenary lectures, keynote lectures and invited talks from eminent scientiststechnologists industry professionals working in the area of Mechanical, Civil, Computer Science, Electrical engineering, Electronics Engineering, Applied Electronics Engineering and related applications.

Organising Secretary International Conference RAEREST 18

PLENARY
SPEAKERS KEYNOTE SPEAKERS MAIN TRACKS APPLIED ELECTRONICS AND
INSTRUMENTATION

Biosignal and Medical Image Computing Human Signal Analysis Applications
Medical Image Processing Advances in Biosignal Processing Physiological Processes and Biosignal
Modeling, Nonlinear Dynamics Telemedicine and Telehealth Stochastic Systems and Control
Theory Stochastic Methods for Nonequilibrium Dynamical Systems Optimization in Control and
Systems Theory Adaptive Control Applications Modeling, Estimation and Control of Large Scale
Systems with Massive Amounts of Data Optimization Methods in Inverse and Identification
Problems Automation and Process Control Plant Automation Advanced Process Control Advanced
Process Control Solutions Batch Process Automation Solutions Data Collection Plant Automation
Software Industrial Networking Solutions Nonlinear Dynamics and Mathematical Modeling of
Physical Systems Nonlinear Estimation and Data Assimilation Computational Issues in Nonlinear
Control and Optimization Dynamical Systems and their Applications Systems Energy and Human
Factors Human Factors of Robots HumanRobot Interaction Problems Identify high priority and
systemic human and organizational root causes for remediation Awareness and understanding of
safetycritical human tasks Human aspects of advanced manufacturing Applied digital human

modeling Sensing and Transduction Micro Nano sensors MEMS and their Applications Data Acquisition System Design Wireless Sensing New approaches in Transduction Techniques ELECTRICAL AND ELECTRONICS ENGINEERING Power System Control and Smart Grid Flexible AC Transmission Systems Forecasting and Management Generation Systems Load Modelling and Simulation Power Quality and Grounding Protective Relaying Safety, Maintenance and Operation Smart grid for Energy Management in Buildings and Home Automation Smart grid for Energy Savings and Financial Management Smart grid for Intelligent Monitoring and Outage Management Smart grid in Interdependent Energy Infrastructures Smart grid for Distributed Energy Resources Distribution System Planning and Reliability Efficient Transmission Distribution Network Power Electronics Control and Power Quality Improvements Active Filters and Harmonics EMI and OverVoltage Protection Matrix Converters Multilevel Converters Power Converters Modelling, Simulation and Control Power Electronics Components and Packaging Power Factor Correctors Reliability and Fault Tolerance Soft Switching Converters Resonant Converters Switch Mode Power Supplies Emerging Topologies Electrical Machines, Drives and Control AC and DC Machines and Drives Electrical Vehicles EMC Related Phenomena Permanent Magnet Machines and Drives Piezo and Electrostatic Actuators Reluctance Machines and Drives Special Application of Machines and Drives Fault Detection in Machines Special Machines Advanced and Sensor less Machine Control Integrated Drives Maintenance and Fault Diagnosis of Machines Renewable Energy Sources, System Integration and Automation Hydro Power Plants Hydrogen Systems and Fuel Cells Marine Renewable Energy Solar Energy Systems Wind Energy Systems Biomass Energy and Geothermal Resources Distributed and CoGeneration Systems Hybrid Power Systems Distributed Generation and Micro Grids Green Energy Energy Management, Energy Auditing and Conservation New Developments in Switch Gear Technologies Switchgear for efficient Transmission and Distribution Integration of Switchgear with Automation Processes Intelligent Switchgear for Energy Management Green Switchgear Technology Switchgear Performance Simulation, Evaluation and Testing Switchgear for Renewable Energy Switchgear for higher fault levels and special Applications Maintenance Techniques and Safety in Switchgear Compact and User friendly Switchgear CIVIL

ENGINEERING Structural and Construction Engineering Retrofitting of Structures Structural Dynamics and Earthquake resistance in buildings Structural health monitoring Concrete Technology and Construction Management Analysis and design of special structures Smart structures and HighRise Buildings Geotechnical Engineering Soil Dynamics Geo Mechanics Soil Structure Interactions Ground Improvement Techniques GeoEnvironmental Engineering Foundation Engineering Environmental Engineering Water and Waste Water Management Environmental Impact Assessment Solid waste Analysis Management BioDegradation of Solid Wastes Air and Noise Pollution Environmental Geoinformatics Advanced Construction Materials NonTraditional Cement and Concrete Chemical Ad mixtures in Concrete SelfCompacting and Self Curing Concrete Geo Polymer Concrete Transportation Engineering Traffic Engineering TownCity planning Demand Modeling Land use planning Traffic Safety Advanced Pavement Design materials and method Water Resources Engineering Surface and Ground Water Hydrology Water resources planning Watershed Management Lakes and Reservoirs Water Resources Systems analysis Irrigation Management

MECHANICAL ENGINEERING Manufacturing Science and Technology with Process optimization Green manufacturing Remanufacturing Advanced Machining Measurements Metrology Automation Control Precision Manufacturing Micro Machining Industrial Tribology Micro and Nano Manufacturing Thermal Science and Engineering Biofuels and Internal Combustion Engines Air Conditioning and Refrigeration Fuels and Combustion Heat Transfer New developments in Hydro Thermal Turbomachines Mechanical Design, ComputerAided Design and Product Development Advanced Design Design of Machines and its Applications Engineering Design Methodology and Design Models ComputerAided Design and Manufacturing Intelligent Systems in Machine Design and Production Mechanical Design and Production of MEMS Design, Modeling, Analysis and Failure of Machine Elements and Mechanical Systems Industrial and Safety Engineering Safety Management Ergonomics Artificial Intelligence and its applications in industrial engineering Industrial engineering and systems management Innovation management and entrepreneurship Maintenance and Reliability Production Planning and Scheduling Product life cycle management Quality management Supply chain Logistics Engineering Materials Structure of materials:

Characterization and Testing Materials Processing Performance : mechanical behavior fatigue corrosion Joining : welding brazing soldering Emerging materials and applications Sustainable materials and manufacturing Materials for Energy, the Environment and Medicine Modeling and Simulation Energy and Green Technology Renewable Energy Research and Applications for Industries RESSs for Electrical Vehicles and Components Energy Transformation from Renewable Energy System RES to Grid Performance Analysis of RESs Hybrid RESSs Energy Management COMPUTER SCIENCE AND ENGINEERING Computational Intelligence Neural Networks and Learning Systems Fuzzy Logic and Systems Evolutionary Computation Genetic Algorithms Soft Computing Computer Networks Network Security Security in Mobile Ad Hoc Networks ComputerAided Network Design Distributed Sensor Networks and Systems Network Protocols Wireless Networks Network Architectures High speed networks Routing, switching and addressing techniques Next Generation Internet Next Generation Web Architectures Network Operations management Adhoc and sensor networks Internet and Web applications Ubiquitous networks Mobile networks Wireless LAN Wireless Multimedia systems Wireless communications Heterogeneous wireless networks Measurement Performance Analysis Peer to peer and overlay networks QoS and Resource Management Network Based applications Network Security SelfOrganizing Networks and Networked Systems Mobile Broadband Wireless Internet Recent trends Developments in Computer Networks Security and Privacy Applied Computation and Security Security of symmetric ciphers in network protocols Access Control Models and Technologies Applied Cryptography and Network Security Information Systems Security Engineering Security for Information TechnologyCommunications Computational Intelligence in Security for Information Systems Security and Privacy in Wireless and Mobile Networks Natural Language Processing NLP for Digital Humanities NLP for Web and Social Media Semantics and Knowledge Acquisition Speech Processing Morphology, Syntax and Parsing Machine Translation Information extraction and Information Retrieval Database Technology Data Mining Big Data Hadoop Information Web mining Large Scale Graph Storage and Management Multimedia databases Data warehousing Web Based databases Pattern Discovery Management of Mobile Databases ELECTRONICS AND

COMMUNICATION ENGINEERING VLSI CAD Tools and VLSI Circuit Design Low power VLSI Design Architectures VLSI and Computer Architecture AnalogDigitalMixedsignal Circuits VLSI for DSP Applications Communication Wireless Communication Cognitive Computing MIMO UWB Systems Soft Computing techniques Coding Techniques Satellite and Space Communications Image Processing Image Coding and Compression Image Segmentation Face Recognition and Super Resolution Imaging 3D and Stereo Imaging Face Recognition Algorithms Signal Processing Radar Signal Processing Signal Reconstruction Signal Noise Control TimeFrequency Signal Analysis Filter Design and Structures Embedded System Realtime Operating Systems Security, Trust and Privacy Reconfigurable computing HardwareSoftware codesign System on Chip and Network on Chip Design PAPER SUBMISSION The registration and paper submission will be through Easy Chair. The accepted papers will be published in the online version of IOP Conference Series. To know about the impact factor of IOP Conference Series Instructions to the candidate Authors must prepare their papers using Microsoft Word or LaTeX, according to the journal guidelines and templates, and then convert these files to PDF. It is important to ensure that when you submit your paper, it is in its final form ready for publication, and has been thoroughly proofread. IOP do not copy editor reformat papers and will not send out author proofs prior to publication. Postpublication changes are not permitted, so please ensure that your paper has been checked for errors. For templates and guidelines click here Please ensure that all the authors have used the paper templates provided to create their papers, and that they conform to the following: Paper size is European A4 Margins are at least 25 mm all round The paper includes the author name and affiliation full address including country There are no page numbers, headers or footers within the paper Text is single spaced, not double spaced All pages are portrait landscape pages should be rotated The PDF file is editable and not password protected All pages are portrait landscape pages should be rotated Reference lists are checked for accuracy. References can only be linked via CrossRef if they are correct and complete The paper is thoroughly proofread to check standard of English and ensure wording is clear and concise FEE DETAILS FOR REGISTRATION DELEGATESNATIONALSINTERNATIONALS Delegates from Academic InstitutionsRD

Organizations Rs. 8000 250 Delegates from Industries Rs. 10000 350 Student Authors and
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 SCHEDULE PAPER PRESENTATION SCHEDULE Day 1 20 APRIL 2018, Time :: 14:00 15:15,
 Venue: DB4:107 Hall 1, Track:ME Thermal Science Session1 Session Chair : Dr Aravind P.V, Dr.
 Rajesh Baby PAPER ID TITLE AUTHORS 34 LES of Thermally stratified Turbulent channel flow at
 low Prandtl number. Waquar Raza, Ajiv Alam Khan and Syed Yahya 35 Estimation of inplane
 thermal conductivity of copper clad board by inverse analysis using artificial neural networks Niju K
 and Samarjeet Chanda 114 Development of Tool to Design Piston Bowl Considering Spray
 Parameters to Reduce Emissions Sajil N Sreedharan and Rajiv Krishnan 95 Numerical
 investigations on a proton exchange membrane fuel cell of active area 50 cm² Tino Joe Tenson and
 Rajesh Baby Day 1 20 APRIL 2018, Time :: 14:00 15:15, Venue: DB4:108 Hall 2, Track:Machine
 Design Session Chair : Prof. Tom Zacharia, Dr. Lijo Paul PAPER ID TITLE AUTHORS 64
 Development of Benchmark for Simulation of Mode I time based fracture Abhilash V Gopal and
 Azhar Jamil 86 Influence of aspect ratio on the linear and nonlinear steady state forced vibration
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 and numerical investigations on failures due to plasticity in thin walled structures Azhar Jamil,

Arshad Hussain Khan and Shoib Ali 110 Ergonomic optimisation of machining operations of power transmission shafts Ajith James and Tom Zacharia 12 Design and Simulation of an Automated Road Safety Enhancement System by Testing Physical Fitness of Driver Arun Vijayan and Arun P 101 Bioactive glass synthesis and coating A review Athira Thulasidas and J Babu Day 1 20 APRIL 2018, Time :: 14:00 15:15, Venue: DB4:109 Hall 3, Track:ECE Signal Processing Session Chair: Dr. Jalaja J, Prof. Justin Joseph PAPER ID TITLE AUTHORS 76 Study On Early Detection Of Autism Using Genetic And Kinematic Biomarker Deepthi V and Vineetha S 40 Synthesis, structure and characterization of Co doped CeO₂ nanoparticles Saurabh Tiwaria, Nivedha Balasubramanianb, Sajal Biringc, Somaditya Sena 46 Compressive Sensing Recovery Algorithms and Applications A Survey Sreeharita S, Sabarinath G 55 A review on White Blood Cell Segmentation Nimmy Thomas, Sreejith V. 58 A Review on Visual Recognition of RGB Images and Videos by Learning from RGBD Data Alphonsa Jose, Sreejith V 107 A Simple and Robust Strategy for Background Removal from Brain MR Images Rameesa Mol J, Rashmi Annamma George, Jiss Mohan K, Al Saheer S S, Mable Alex and Justin Joseph 98 Multirate and Filterbank Approaches in Digital Hearing Aid Design: A Review Tomson Devis, Dr. Manju Manuel Day 1 20 APRIL 2018, Time :: 14:00 15:15, Venue: DB4:110 Hall 4, Track:Electrical Electronics Engineering Session Chair : Dr. Vincent, Prof. P.V. Varkey PAPER ID TITLE AUTHORS 4 Simulation and Control of MPPT Based Hybrid System with Boost Converter J. Barsana Banu, M. Balasingh Moses, S. Rajarajacholan 18 Review of Solar PV Powered Water Pumping System Using Induction Motor Drive Akhila V. T, Arun S 22 Modular battery charge equalization circuit based on state of charge in electric vehicle application Ginu Ann George, Prince A, Jayan M V 31 Nano Tuned Conducting Polymer for Plastic Solar Cell Ishwar Naik, Rajashekhar Bhajantri, Vinayak Bhat, B.S. Patil 67 Load harmonics extraction based decoupled control of grid connected solar photovoltaic system Fossy Mary Chacko, Jayan M V, Prince A 71 Soiling of Photovoltaic Modules Review Anitha Shaju, Rani Chacko 91 Evolution of Wind Energy Conversion System and Recent Challenges in Grid Integration: A Review Tomson Thomas, Prince A Day 1 20 APRIL 2018, Time :: 14:00 15:15, Venue: DB4:208 Hall 5, Track:CSE Computational Intelligence Session Chair : Prof. Shelbi Joseph, Prof. Deepu Job PAPER

IDTITLEAUTHORS 53 A Review on Various Techniques used in Predicting Pollutants Aiswarya Baby, Aneena Ann Alexander 77 Authenticating Communication of Autonomous Vehicles With Artificial Neetha George, Jeena Thomas 83 A Study On The Impact Of Machine Learning Tools For Detecting Anxiety Disorders In Preschool Children Anugraha K.R and Vineetha S 78 Smart Car Parking With Reservation System Using QR Generator Aswathy James and Prince Abraham 68 A survey on different privacy preserving authentication schemes in VANET Deepu Mathew , Hima Anns Roy Day 1 20 APRIL 2018, Time :: 14:00 15:15, Venue: DB4:211 Hall 6, Track:Civil Engg 1 Session Chair : Prof. Asha Alice , Prof. Neethu Joseph PAPER IDTITLEAUTHORS 112 Effect of Glass Fibers, Fly Ash and Quarry Dust on Strength and Durability Aspects of Concrete An Experimental Study Meyyappan PI, Kumaran K, Gopalakrishnan M and Harikrishnan E 21 Use of Clay Tile Chips as Coarse Aggregate in Concrete Aswathy Mohan, Dr. Job Thomas and Neethu Joseph 23 Mechanical Properties of Concrete Containing Brick Chips Christy Francis Lonth, Dr. Job Thomas and Neethu Joseph 28 Study of hardened properties of hybrid reinforced concrete structures using steel and glass fibre Athira Anand and Manish Jose 29 Study of stiffened dual web steel plate girders under nonlinear axial buckling, monotonic load response and hysteresis behaviour Merin Maria Alex, Nikhil Mohanan and Asha Alice Kulavattom 32 Effect of multilayers in Aluminium corrugated sandwich panels under blast loading. Alka George, Nikhil Mohanan and Asha Alice Day 1 20 APRIL 2018, Time :: 15:30 16:45, Venue: DB4:107 Hall 1, Track:ME Thermal Science Session 2 Session Chair : Dr. Tapano Kumar Hota, Dr. Binoy Baby PAPER IDTITLEAUTHORS 11 Estimation of characteristic length of a horizontal cylindrical annulus for heat transfer through conduction using Rayleigh Number Ramesh Krishnan S. and Narayanan Namboothiri V.N 96 Enhancement of thermal performance of a loop heat pipe using alumina water nanofluid : An experimental investigation Akshay J, Aswin J Joseph, Jobin Jose and Rajesh Baby 103 Performance studies on serpentine flow channel of a proton exchange membrane fuel cell Antony Alex, Austin George, Bijo Thomas, Bonny Mathew Antony and Rajesh Baby 8 Recent advances in loop heat pipes : A review Jobin Jose and Rajesh Baby 106 Thermal performance of multilayer Insulation:A Review Sutheesh P M and Alex Chollackal 111 Pyrolysis process to produce

Fuel from different types of plastic A review Anandhu Vijayakumar and Jilse Sebastian Day 1 20 APRIL 2018, Time :: 15:30 16:45, Venue: DB4:109 Hall 3, Track: VLSI Communication Session Chair: Dr. Jalaja J, Dr. George Tom Varghese PAPER ID TITLE AUTHORS 17 Comparative Analysis of Full Adder Circuits Aneela Achu Mathew, Sreesh P R 44 Low Power Wallace Tree Encoder for Flash ADC Ajanya M P, George Tom Varghese 52 Comparison of Nonclocked and Clocked Comparator Designs Review Jenu Annai Abraham, Dr. George Tom Varghese 61 A Review on Autonomous Relay For Millimeter Greeshma Sosa Thomas, Sarath Chandran C Wave Wireless Communications 47 A Method for the Investigation of Bearing Vibration Based on Spectrogram Image Comparison Arun. P, Madhukumar. S, Careena. P 97 A Noise Reduced Hard Thresholding method for Noisy Sparse Reconstruction Sabarinath G, Babita R Jose Day 1 20 APRIL 2018, Time :: 15:30 16:45, Venue: DB4:208 Hall 5, Track: CSE Big Data Data Mining Session Chair : Dr. Sobhana N.V, Prof. Smitha Jacob PAPER ID TITLE AUTHORS 39 SENTIMENT ANALYSIS ON TEXTUAL REVIEWS MIRSA KARIM , SMIJA DAS 50 A Performance Improvement Inference Method for Link Prediction in Social Graphs ASHLY ANN JO, PRINCE.V. JOSE 51 An Approach of RDD Optimization in Big Data Analytics ATHIRA V, JEENA THOMAS 56 A Study on Various Methods for Mining Energy Consumption pattern from Smart Home Big Data Jemeema Maria John , Hima Anns Roy 57 Pedagogue Performance Assessment PPA Using Data Mining Techniques Ashily M Baby 79 Review on Energy Harvesting and Data Collection Thasni Noushad, Kishore Sebastian Day 2 21 APRIL 2018, Time :: 11:00 12:30, Venue: DB4:107 Hall 1, Track: Manufacturing Session Chair : Dr. J Babu, Prof. Pradeep P.V PAPER ID TITLE AUTHORS 19 Experimental and numerical analysis of impact of conical projectile on polyethylene plate Arshad Khan, Junaid Qadri and Raisuddin Ansari 99 Development and Characterization of Banana Pineapple leaf Glass Fiber Reinforced Composites Shanil Shaji, Aby K Abraham and Vishnu Ps 72 Effect of tool diameter in ECDM process with powder mixed electrolyte Lijo Paul and Donald Antony 73 Comparative study effect of different tool materials in EDM process Lijo Paul and Ivin Jose 109 A Firefly algorithm approach for multiRow facility layout problem. Akash Lukose, Abyson Scaria and Babu George 102 Green supplier selection using hybrid grey relational analysis with fuzzy logic method Ashish Vishnu

V S, Jalumedi Babu and Babu George 105 A Review on Magnetic Field Assisted Micro Machining

Lijo Paul and Renjith R Day 2 21 APRIL 2018, Time :: 11:00 12:30, Venue: DB4:208 Hall 5, Track:CSE Security Privacy Session Chair : Dr. Sangeetha Jose, Dr. T.D Jainendra Kumar PAPER ID TITLE AUTHORS 16 Novel Web Service Based Fingerprint Identification Using Steganography and Xml Mining Praseetha V M, Ayush Dattagupta, Suma R, S. Vadivel 94 Security mechanisms and Vulnerabilities in LPWAN Smilty Chacko, Deepu Job 48 Survey on Encryption Approaches for Secure Face Biometrics Kavya R , Angitha George 41 A Review on Cybersecurity Threats and Statistical Models Feba Babu ,Kishore Sebastian 43 A Review on Blockchain Security Remya Stephen, Aneena Alex 75 A Study of Next Generation Sequencing Data,Workflow Application and Platform Comparison Aswathy Thankachan, Bino Thomas 68 A survey on different privacy preserving authentication schemes in VANET Deepu Mathew , Hima Anns Roy 84 A Study on Packet Loss Reduction methods and Node Registration methods in AODV for MANET Achu Anna Antony and Bino Thomas Day 2 21 APRIL 2018, Time :: 11:00 12:30, Venue: DB4:210 Hall 6, Track:Civil Engg 2 Session Chair: Dr. A.K Ashraf, Prof. Asha Alice PAPER ID TITLE AUTHORS 24 Seismic Assessment of Irregular Reinforced Concrete Frame Structures Using Triple Friction Pendulum Bearing Suni Susan Babu and Manish Jose 25 Numerical study on axial behaviour of concrete filled double skin steel tubular cfdst column with cross helical frp wrappings Anna Skaria and Mariamol Kuriakose 30 Dynamic blast response of diagonally biased stiffened steel plate under confinement Anju Alexander, Nikhil Mohanan and Bincy S 37 Falling weight impact resistance of prestressed concrete slabs with manholes Sharoan M Mathews, Nikhil Mohanan and Manish Jose 87 Parametric study of longitudinal hollow sfrc beams Bibi Jacob and Bincy S Day 2 21 APRIL 2018, Time :: 11:00 12:30, Venue: DB4:211 Hall 6, Track:Civil Engg 3 Session Chair: Dr. Bino I Koshy , Prof. Bincy S PAPER ID TITLE AUTHORS 80 Hydrogeomorphic Evaluation of Transverse Stream Valley Profiles in Venkatapura river using GIS: Karnataka, India Praveen Deshbhandhari, Santosh C and Krishnaiah C 81 Estimation of Water Balance in Venkatapura Watershed, Karnataka: A RS and GIS Approach Praveen Deshbhandari, Santosh C and Krishnaiah C 85 Determination of Suitable Site for Municipal Solid Waste Disposal with GIS and AHP: A Case Study in Chikodi Taluk, Belagavi

District, Karnataka, India Santosh C, Krishnaiah C and Praveen Deshbhandari 104 Study of Traffic Flow at a Three Leg Busy Intersection in Vellore, India S Vasantha Kumar, P. Priyadharshini, B. Dhanalakshmi and K. Settu VENUE ACCOMMODATION Upper Crest Residency Hotel Finch Errattupetta, Pala, Kerala, India. Phone : 91 482 2275979 FAX : 91 482 2275986 Email : salesfinchhotel.com Web: www.finchhotel.com Hotel Maharani Main Road Pala, Kottayam District Kerala 686575, India Phone:04822212520200234 Email: maharanipalahotmail.com hotelmaharanigmail.com Web: www.hotelmaharanipala.com Olive International River View Road, Pala Kottayam Dist., Kerala 686575, India Phone : 04822 211200, 211300 Email : infohoteloliveinternational.com Web: www.hoteloliveinternational.com

ASTHRA The Technical Fest of SJCET Palai SJCET Palai ASTHRA The Technical Fest of SJCET Palai Software Development Center 20250304T10:10:3300:00 ABOUT Asthra is the annual technical festival of SJCET Palai. With an annual footfall of more than 5,000 visitors and participants, Asthra is one of the biggest intercollege fests in Kerala. Asthra will keep you engrossed in a plethora of professional shows, competitions, lectures and workshops that have a lot to offer to everybody. ASTHRA 9.0 Launch

Professional Societies SJCET Palai Professional Societies Software Development Center 20240417T05:37:5000:00 PROFESSIONAL SOCIETIES THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SJCET Palai IEEE opens the door to opportunities that will help students to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers COMPUTER SOCIETY OF INDIA Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters

across India, 511 student branches, and 100,000 members. SOCIETY OF AUTOMOTIVE ENGINEERS INDIA SJCET Palai SAEINDIA is Indias leading resource for mobility technology. As an individual member driven society of mobility practitioners the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students SAEINDIA is an affiliate society of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of mobility industry in India. SAEINDIA Collegiate clubs offer well organized programs and activities, fellowship, and leadership experience to student members. SAEINDIA student members are also entitled to many of the services available to SAEINDIA members.

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION SJCET Palai The Indian Society for Technical Education ISTE is a National, Professional, Non Profit making Society registered under the Societies Registration Act of 1860. It has 70058 members among technical teachers and more than one and a half lakh student members in the country. ISTE SJCET has 170 institutional members. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations.

ASME STUDENT CHAPTER The ASME SJCET student chapter at the college was formed on 25th January, 2018 with the motto Excellence is our obsession and Synergy at work. The chapter focuses on providing training to the students to become experts in learning on encouraging innovation and excellence in students through various means on promoting better career development opportunities and services for students on arranging expert industrial and research lectures on extending full support for all the national seminars and technical events in the college and on enhancing the selfconfidence and selfesteem of students.

ISHMT STAFF STUDENT CHAPTER ISHMT staff and student chapter of SJCET, Palai, was inaugurated on 30/03/2019 by Dr. S Sunil Kumar, Deputy Director LPSC and president of ISHMT Regional Chapter Trivandrum. The main objective of ISHMT is to promote the Science and technology of heat and mass Transfer. This Chapter, through organising Workshops, invited talks is focused on providing a common platform for the members to interact with industrialists, technologists, scientists and on fostering the

advancement of science and applications of Heat and mass Transfer. ISNEE SJCET ISNEE SJCET student chapter is an organization that provides a platform to all the Engineering students to steer their path towards Technical and Managerial expertise. ISNEEs design challenges like Go Kart Design Challenge, Quad TORC, and Formula Green with phenomenal competitive stages guide every participant to empirical glory. The organization aims in bridging the gap between the academy and industry by offering a series of design competitions and skill development programs to the students where they can learn and implement the knowledge gained while in the classroom.

Sargam SJCET Palai Annual Cultural Fest SJCET Palai HomeSargam SJCET Palai Annual Cultural Fest Sargam SJCET Palai Annual Cultural Fest Software Development Center 20250221T11:16:0700:00 SJCET is actively engaged in providing the students with an extensive range of cultural and cocurricular activities. Keeping in line with this commitment, our college organizes Annual Cultural Fest Sargam. It is a much awaited event with multiple competitions in dance, music, fashion, drama, literary and various other cultural fields and offers a plethora of opportunities to the students to showcase their talent. Extracurricular activities increase opportunities for social interaction and new relationship development. As most of those activities are grouporiented, students from completely different niches, have an opportunity to understand individuals of different passions and cultures. Interaction with individuals of various backgrounds helps the students in development of social skills. Extracurricular activities teach students a way to work for a Understanding Clenbuterol Side Effects on Sperm standard goal and this ultimately develops a way of responsibility in them. It will increase the extent of confidence and conjointly teaches them a way to cooperate and work with individuals in various conditions. They learn to face the challenges that are present in education and career. Most of the employers like to hire people who are all rounded. Sustained involvement in additional activities other than studies reflects the talent and potential of the student. Employers rummage around for these abilities in individuals.

Faculty In Charge

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Software Development Center 20230929T09:15:3700:00 Incorporated in 2018 as the official
technical wing, St. Josephs Centre for Industrial Consultancy is an establishment under the
auspices of St. Josephs College of Engineering and Technology Palai, Choondacherry, Kottayam,
offering various consultancy services in various fields of engineering practice. Headed by the
Principal, the consultants are highly qualified and experienced faculty members of the college.
Centre Coordinator Rev. Fr. Thomas Njavallil, BSc Engg.. Lab Manager SJCET Palai 91
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setting out using Total Station Architectural Plan and Structural Design of houses and buildings
Estimation and Costing Repair, rehabilitation and extension of existing houses or buildings. Basic
tests for cement, concrete, aggregates, steel, bitumen, soil and water Computer Science and
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system design and implementation Biometric access control system design and implementation
Electronics Communication and Instrumentation Coordinator: Mr. Anto Manuel., M. Tech. phone:
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trainer kits b. Household products: CRTV, LCD TV, LED TV, DVD Player, music system, electronic
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houses, schools, churches, highrise buildings etc. Power factor improvement and power quality
analysis of industries Design of lightning protection scheme for buildings Energy audit for industries
Mechanical Engineering Coordinator: Mr. Tom Zacharias, M. Tech. Phone: 9895646290 Facilities

CNC turning center, LMW smart turner, CMM Mitutoyo 40 40 30 ccm Machine shop Lathes, milling machines CAD Solidedge, CATIA Services Design for equipments, special tools and simple SPMs Business Administration Coordinator Dr. Suma Mathew, MBA Phone:9446011640 Services Finance for nonfinance Managers Marketing Research Leadership Development Stress Management Icebreaking sessions Mentorship for Startups Marketing for Entrepreneurs Executive coaching and mentoring Career counselling for employees Business and Social etiquettes

TEDxSJCETPalai SJCET Palai TEDxSJCETPalai Software Development Center
20250218T10:37:5600:00 What is TED TED is a nonprofit organization with the spirit of promoting ideas that deserve to be scattered. Beginning with a fourday conference in California 26 years ago, TED has grown to support ideas that change the world through multiple initiatives. At TED, thinkers and filmmakers around the world are invited to give the best speech of their lives in 18 minutes. These presentations are made available for free on the TED.com website. What is TEDx Unlike TED itself, which hosts annual global conferences, TEDx events are local and communitydriven, allowing for a wide range of topics, from technology and entertainment to education, personal development, and social issues. Each TEDx event follows guidelines set by TED but has its own unique theme and speakers, making every event distinct and relevant to its specific audience. Excellence Beyond Notice 2025 The event aimed to shed light on the oftenoverlooked contributions and efforts that lead to extraordinary achievements. The event featured a diverse lineup of speakers who shared their unique insights and experiences, inspiring the audience to recognize and pursue excellence in various fields. TEDxSJCETPalai 2025 Excellence Beyond Notice On February 8, 2025, St. Josephs College of Engineering and Technology, Palai, hosted TEDxSJCETPalai under the theme Excellence Beyond Notice. This independently organized TEDx event brought together a diverse group of thought leaders, innovators, and visionaries to explore the oftenoverlooked efforts that drive extraordinary achievements. The event opened with an address by Rev. Fr. Mathew Koramkuzha, followed by a rulebook presentation by Mr. Jithin Jaison. A distinguished lineup of speakers, including Mr. Sabarinath G. Pillai Cybersecurity Evangelist, Mr. Advin Roy Netto UX

Designer at Google, Mr. Vishnu Narayanan B. Head Talent Development, TCS Kerala, Ms. Amina Nijam Actress, and Ms. Anna Susan Roy Miss Kerala 2021 Finalist, delivered thoughtprovoking talks, sparking meaningful conversations. Beyond the speaker sessions, the event featured interactive discussions, networking opportunities, and artistic performances, enriching the experience for all attendees. The day concluded with a vote of thanks by Ms. Devanandana A. Nair, a reflection session, and certificate distribution to speakers and volunteers. TEDxSJCETPalai 2025 was a resounding success, igniting inspiration, fostering innovation and community engagement, and staying true to the spirit of TEDxspreading ideas that matter. Discover Rediscover 2022 From one moment to another, memory steps back to rediscover the past and comprehend the meaning or define its true colors. If we are to go forward, we must go back to discover and rediscover certain elements that hinge on our foundations. Our theme hence, brings light on the need to explore and discuss ideas from different and novel perspectives. TEDxSJCETPalai is also about a gentle reminder to always rediscover one another because we are forever changing. Ellipsis 2018 Ellipsis is used to define an unfinished thought about an object or a person, or a certain idea about either of them. It pushes us to concentrate deeply on our unfinished thoughts and take required actions to obtain a fruitful outcome. Connecting people to reflect and transform each other is one of the great purposes of this first edition of TEDxSJCETPalai. TEDxSJCETPalai will be a celebration of individuality. We hope to bring together some of the most distinguished individuals from our local community to share, inspire and demonstrate the power of original ideas. We want each person to walk out with an unforgettable experience and undying urge to bring out the spark of originality that lies within each one of us. More Details TEDxSJCETPalai 2025 : Speakers TEDxSJCETPalai 2022 : Speakers KRISHNA TEJA MYLAVARAPU IAS District Collector, Alappuzha GOVIND PADMASOORYA Actor, TV Host, Singer, Youtuber ASWATHY SREEKANTH Actor, TV Host, RJ, Youtuber, Writer, Lyricist BIPIN CHANDRAN Writer, Screenwriter DR. KANNAN R Mentalist, Hypnotist, Doctor SHRUTHI T Entrepreneur SIBI K THOMAS Traveller TEDxSJCETPalai 2018 : Speakers ANITA PETER Anita Peter is a corporate facilitator, initiator of the social initiative I pledge Awareness for Change, a Mohiniyattam dancer and the founder of LasyaDrutha, Hyderabad, she

rides a Harley Street 750. She completed her HyderabadKanyakumariKashmirHyderabad ride in 2017 June. She is the director of Persona Script, an organisational, leadership development and Designing firm. She is also an actor as well as a model for several print and media ads, and a writer when ever time permits. DINESH CHANDWANI Award winning author and Cofounder of the Walnut School of ideas, Mr. Dinesh Chandwani is indeed the jack of all trades. He is a professional skydiver, surfer, author, businessman, inspirational speaker and philanthropist. We call them multitalented but he calls it passion. As an author, he relates his exciting journey of life and as a philanthropist, he has done a great deal to inspire and enhance young minds through his campaigns and startups. JOSEPH ANNAMKUTTY JOSE Joseph Annamkutty Jose, also known as RJ Jo, is a celebrity Radio Jockey working with Radio Mirchi, who is also an author, vlogger, and a social influencer. He has been actively lending his voice for numerous antidrug and menstrual hygiene campaigns across the region and engages in prevalent, real time issues. I am the Change, his brutally honest vlog, catapulted him to overnight fame and theres been no looking back ever since. At the age of 27, he has already penned his autobiography, Buried Thoughts, which is a bestseller. Dr. LALITHAMBIKA V.R Serving ISRO for the past 30 years and now is a core integral was the autopilot designer for PSLV, GSLV and GSLV MKII and has played major roles in bringing India to the top of the list in international space explorations and research. She is an outstanding scientist with many credentials to her name. At present she is working on Chandrayan 2 mission and currently holds the role of Deputy Director at VSSC Control, Guidance and Simulation Entity NARENDRA NAYAK A rationalist, sceptic and a godman debunker. Havent met one, have you He started out working as a lecturer in the Department of biochemistry in the Kasturba Medical College in Mangalore. In 1982, he met Basava Premanand, a notable rationalist from Kerala, and was influenced by him. He took up fulltime Anti superstition activism in 2004. He tours the country conducting workshops to promote scientific temper and showing people how to debunk godmen and frauds. He is the current president of the Federation of Indian Rationalist Associations FIRA. He founded the Dakshina Kannada Rationalist Association and has been its secretary since then. He also found an NGO called Aid Without Religion. SAJI THOMAS Mr. Saji Thomas Not being able to

hear and speak since birth, Saji Thomas shot to fame for creating a lightweight aircraft. It was called the XAirS and its total cost amounted to only Rs. 14 Lakh, making it one of the cheapest aircrafts to be invented. He received the guidance of SKJ Nair, retired wing commander , Indian Air Force, during the final stages of completion. Mr. Saji was denied education at Grade 7 due to his inquisitiveness to disassemble every electronic equipment he found. He is now a record holder in the Indian Book of Record Holders as Indias first differently abled person to build an aircraft which then featured him on the Discovery channel programme entitled HRX Superheroes. His life has also been featured in movies like Aby and Vimanam. Do not miss this exclusive talk Only at tedxsjcetpalai

SANA KHADER At the age of 9, she started following her dream of doing something creative by designing dresses. Now, at the age of 22, shes taking orders for her creative ideas from around the world. Ms. Sana Khader, pursuing her 4th year in Computer Science Engineering, is known all over Kerala and abroad for her creative craft. The concept of snail mail a unique method by which she sends handwritten letters has given her friends spread over 32 countries. ZARA SHEIKHA Her journey began from Nishant to Zara. The first transgender woman to land a senior HR role in UST Global, Ms. Zara Sheikha did her masters in Microbiology and is currently pursuing LLB. She takes classes for child welfare and also conducts awareness sessions about the transgenders in many places. She is an inspiration to all the other transgenders out there. She paved her own way without compromising with todays treatment towards the transgenders. She fought against all odds and had rough paths her way, but it all gave her a fruitful success. Her work is constantly recognised by many famous personalities like Dr. Shashi Tharoor. TEDxSJCETPalai Video Gallery

Sports SJCET Palai Sports Software Development Center 20240416T04:35:1600:00 THE WILL TO WIN IS IMPORTANT, BUT THE WILL TO PREPARE IS VITAL Joe Paterno For the overall development of a professional to be placed in the highest realms, an educational body is considered to play a pivotal role. A budding professional has to be physically, mentally, emotionally and intellectually top in his field. This can be realized through intensive sports programmes and excellent facilities for sports. SJCET provides such an environment which facilitates the optimal efficiency and

effectiveness of the emerging dynamic engineers and managers. SJCET has attained quite a good reputation in sports activities especially among the professional institutions by winning several prestigious tournaments conducted at various levels. The competitive spirit is encouraged as the college organizes a variety of tournaments of repute. Dr. Manoj. S Assistant Director FACILITIES

The department of Physical Education of the SJCET has an excellent infrastructure to meet the sporting requirements and regular physical exercise. SJCET has an indoor auditorium multipurpose Hall for shuttle badminton 4 courts, table tennis 2 Nos and Chess. The Evangeline fitness gym is one among the top class facilities constructed maintained by the Department of Physical Education of SJCET. This gym is installed with the latest gym equipment of the highest standard. In addition to this, the SJCET has the following facilities

Outdoor facilities Indoor Facilities Outdoor facilities Football fields Basketball concrete court Volleyball courts Cricket Nets Badminton courts Indoor Facilities Badminton Table Tennis Chess

The art of practicing yoga helps in controlling an individual mind, body and soul. It brings together physical and mental disciplines to achieve a peaceful body and mind. It helps to manage stress and anxiety and to keep you relaxed. It also helps in increasing flexibility, muscle strength and body tone. It improves respiration, energy and vitality. The college provides yoga and meditation training to all students of the first year with a view to enhance their concentration and study skills. Science has shown that our mind and body benefits from taking time out of our daily life to shut down and meditate. The benefits of meditation are endless which includes Attainment of perfect equilibrium and harmony Promotes self healing. Removes negative blocks from the mind and toxins from the body Enhances personal power Increases selfawareness Helps in attention, focus and concentration Reduces stress and tension in the physical body by activating the parasympathetic nervous system

SJCET Palai provides yoga and meditation training to all students of the first year with a view to enhance their concentration and study skills. Sports Council PACE INTER COLLEGIATE TOURNAMENT

The SJCET Palai is well known for its intensified contribution towards overall development of a professional to be placed in the highest levels. Among the various endeavours undertaken, the most significant is the spectacular sporting event PACE. This sporting extravaganza focuses on five sporting events football, basketball,

volleyball, cricket and badminton. The event is organized every year .This sporting event, which is conducted as a state level tournament, has witnessed the clash between the best sporting teams from the best technical institutions. A jury of referees of state repute will referee the matches.

201617: SJCET Palai has conducted an intercollege meet for various sports games, which has got wide participation reaching a count of 25 from various colleges all over the state. The meet consisted of total 5 games including Volleyball, Football, Cricket, Basket Ball, and Shuttle Badminton Tournament. And SJCET Palai has grabbed everrolling trophy for the year 201617. Valedictory function was inaugurated by Mr Tom Joseph Indian international volleyball player Arjuna Awardee. College Volleyball Team got first prize in inter college volleyball tournament conducted by Rajagiri College of Engineering and Technology, Kakkanad. College Volleyball Team got first prize in inter college volleyball tournament conducted by I H R D College of Engineering, Adoor. College Volleyball Team secured second position in inter college volleyball tournament conducted by M.B.C. College Kuttikanam.

KTU COMPETITIONS SJCET Palai Conducted Various events in C zone Competitions Shuttle Badminton Girls Boys SJCET Palai Girls got second position Table Tennis Girls Boys SJCET Palai Boys Girls got second position Chess Girls Boys SJCET Palai Boys Girls got second position College Volleyball Team got third prize KTU C zone volleyball tournament conducted by Toms College of Engineering Mattakara College Basketball Team got third prize KTU C zone Basketball tournament conducted by Amal Jyothi College of Engineering Kanjirapally. College Football Team and Cricket team participated C zone competition conducted by Amal Jyothi College of Engineering Kanjirapally

INFRA STRUCTURAL DETAILS OF PHYSICAL EDUCATION DEPARTMENT

Sl. No	Name of the Area	Plinth Area in Sq.Mtrs
1	Basketball Court	Concreted 2050 Sq.Mtrs
2	Football Field	5000 Sq.Mtrs
3	Cricket Nets	Concreted 200 Sq.Mtrs
4	Volleyball Courts	500 Sq.Mtrs
5	Throw ball Court	200 Sq.Mtrs
6	Hand Ball Court	1000 Sq.Mtrs
7	Kabadi Court	500 Sq.Mtrs
8	Play Ground consist of	200mtrs Athletic Track, Long Jump Pit, High Jumping Bed, Shotput, Discus Throw pits and Javelin sector. 8000 Sq.Mtrs
9	Fitness Centre Gents	1000 Sq.Mtrs
10	Fitness Centre Ladies	100 Sq.Mtrs
11	Multipurpose Hall Shuttle Badminton	4, Table Tennis 2, Caroms 2, Chess 10 10000 Sq.Mtrs
12	Department Room	30 Sq.Mtrs
13	Sports Store Room	200

Sq.Mtrs 14 Yoga Hall 200 Sq.Mtrs SPORTS TEAMS BASKET BALL BADMINTON TEAM CRICKET TEAM VOLLEYBALL TEAM FOOTBALL TEAM GALLERY Annual Sports 2K1920 Winner of APJKTU CZone Badminton Championship 20192020. Runner up of APJKTU CZone Womens Kabbadi Championship 20192020 Runner up of APJKTU CZone Mens Kabbadi Championship 20192020 Runner up of APJKTU CZone Mens Volleyball Championship 20192020 Mr. Shain Tom S8 CSE and Mr. Alen Jose S6 CE won of Mens Doubles Badminton at All Kerala Inter Collegiate Badminton tournament organized by Mangalam College of Engineering, Eattumanoor Mr. Ron George, S6 CSE won the best sports performance award from Mr.V.S Sunil Kumar, Minister for Agriculture, Govt. of Kerala. He won the award for his performance at All India Interuniversity shooting competition in Rifle prone men 50 m category, where he won bronze medal representing APJ Abdul Kalam Technological University. It is the first time APJKTU won a medal at All India Interuniversity sports competition. Georgin Jose, S2 CSE won 3rd Prize in 110 mts Hurdles at APJKTU Interzone Athletic meet 201920 Nivin Jaison, S 4 CE won second position in 10 km walking APJKTU Interzone Athletic meet 201920. Annual Sports 2K1819 Winner of Mens Championship in the first APJKTU Inter Zone Athletic Championship 201819 Mr. Nipun Viju, first prize in Discus Throw, Second prize Shortput at the first APJKTU Inter Zone Athletic Championship : 201819 Mr. Awin Joy, Mr. Arun Jose, Mr. Vinay Hormes, Mr. Justine Joseph won the second prize 4 x 400 mtr relay at the first APJKTU Inter Zone Athletic Championship : 201819 Annual Sports 2K1718 One Million Goal Initiative by Govt. of Kerala With India hosting its first ever FIFA event with the Under17 World Cup, we had participated in Sports Kerala s initiative of OneMillionGoals. Games Competition 201718 Mr. Ron George Valiyaveetil of S3 CSE, National Level shooter bagged gold medal in free rifle prone junior men and silver medal in free rifle prone senior men in the State Rifle Shooting Competition held at Trivandrum in 2017. This was his third backtoback victory in the State Rifle Shooting Competition.

NSS SJCET Palai NSS Software Development Center 20230929T08:43:0300:00 National Service Scheme NSS SJCET NSS unit is affiliated to Department of Technical Education, Government of

Kerala. It was inaugurated on 27/04/2008 by Mr K. A. Kalith programme coordinator, RIT, Pampady. The motto or watchword of the national service scheme is not me but you. This reflects the essence of democratic living and upholds the need for selfless service and appreciation of the other persons point of view and also to show consideration for fellow human beings. It underlines that the welfare of an individual is ultimately dependent on the welfare of society as a whole. Therefore, it should be the aim of the NSS to demonstrate this motto in its daytoday programme. Objectives Objectives: To Understand The Community In Which They Work. To Understand Themselves In Relation To Their Community. To Identify The Needs And Problems Of The Community And Involve Them In Problem Solving Process. Develop competence required for group living and sharing of responsibilities. Gain skills in mobilizing community participation. Program Officers Program Officers Activities of NSS The seven day camp The seven day camp of the National Service Scheme wing of SJ CET PALAI was conducted from 26th of December 2021 to 01st of January 2022 at St Josephs College Of Engineering and Technology ,palai. Special camp was chosen this year and the main aim of the camp was focused on 3 projects: 1 Nature Survey 2 Herbal Gardening 3 Cleaning of Public Road All these projects were conducted by schedules and each day was allotted for the specific purposes. The detailed report of the camp is as follows: CAMP ROUTINE 09.00am: Assembly 10:00am: Worksite 12.30pm: Lunch 01.30pm: Outdoor Programs 04:30pm: Wind up DAY 01 : 26th December 2021 The first day of our camp begun on 26th of December from 10:00 AM in online mode . We had sum of 93 volunteers from 2020/2021. Rev. Fr. Joseph Maleparambil, Rev. Fr. Mathew Koramkuzha delivered the keynote address. M.L. A. Mani C Kappan officiated the inauguration. College Principal Dr. J David, Vice Principal Madhukumar. Dr. Ignatious kora. Program Officers Anto Manuel, Justin Jose, Libin Abraham, Smitha Jacob and Manju George led the way. After lunch break volunteers were divided into five groups and each group was instructed to make NSS memories in charts in creative way as activity for the session. Activities came to an end by 4 30 pm for the day. DAY 02 : 27th December 2021 The second day of NSS special camp 2021 began with the assembly at 9.00 am. The assembly was conducted by group 1 students. A yoga session was also included for the students during the assembly. Program officer Anto Manual sir and volunteer secretaries gave

instructions for the day after the assembly. The camp kicked off at 10:00 am with the session titled Know Yourself handled by Shri. Joji Kurunthodath Mind power trainer and faculty of Junior Chamber International. The session was very interactive and the students gained many values on how to improve their personality and career. The session was conducted until 12:30 pm and the camp dispersed for lunch at 12:40 pm. The afternoon session began at 1:30 pm. There was an interesting game session afternoon conducted among the five groups of students. The second day of the camp ended at 4:30 pm. DAY 03 : 28th December 2021 From Day 3 onwards camp was conducted in offline mode at SJCET , Palai. The Third day of NSS special camp 2021 began with the assembly at 9.00 am. The assembly was conducted by Programme Committee. A yoga session was also included for the students during the assembly. Program officer Anto Manual sir and volunteer secretaries gave instructions for the day after the assembly. Each group were given duties for the day. After Assembly session by Sri. Vasanth Krishnan state level master trainer, Motivational Speaker on Group Dynamics. Session came to an end by 12.30 pm . After lunch break session a treasure hunt game is set for the volunteers .Game came to an end by 3.45 pm. Thereafter refreshment and wind up for the day. DAY 04 : 29th December 2021 St. Josephs College of Engineering Technology Pala. Units 201 564 The 4th day of Deeksha 2k21 has been a festive affair ever since the curtain was raised. Everyone arrived on college campus on time. It was Babu Shankar Sirs class that started the day with the assembly at 9:30 am and later brought the festival intoxicated. Everyone in the class, led by everyones favorite sir, attended with great enthusiasm. The auditorium was filled with play and laughter Also, the knowledge gained was recorded in the minds of all..then the Chairmans father, Dr. Joseph Melpampil and Suresh Sir were with us. The lunch made under the leadership of the 3rd group was very much enjoyed by all. The afternoon session was led by CRO Shaji Sar of Pala Janmaitri Police Station. Sarn shared his experiences with a very beautiful laugh and thought about cybercrime. Prabhu Sirs song comforted the audience who were disturbed by the heat of the afternoon. Finally, Lotte divided everyone into several groups and prepared a quiz to ask the locals when they went on a nature tour the next day. Day 4 concludes the program at 4:15 p.m. DAY 05 : 30th December 2021 The fifth day of NSS special camp 2021 began with the assembly at

7.30 am. At 7.45 am all volunteers were aligned in line to go for nature visit with the purpose of surveying about the different types of birds and the life style of people living there. The route of visit was Sjcet palai Pampoorampara. After visiting the place all volunteers returned to the campus by 1.30pm. After lunch break volunteers performed the tasks assigned to them, thereafter camp came to an end by 4.30pm DAY 06 : 31th December 2021 After breakfast provided in the camp we assembled for the assembly organized by ASSEMBLY ATTENDANCE COMMITTEE by 9:00 am. By sharp to 10: 00 am we had a session by Sri.Babita ,Social Engineer,Trainer. Storyteller, and also Social Development Specialist in Kudumbasree Mission. She gave a view on how youths should be focused on the dreams they have.the session was very interesting and we all enjoyed it very well. The program was conducted Until 12:30 pm and the session dispersed for lunch at 12:40 pm. After lunch we had a closing ceremony of the camp and followed by some cultural events which enlightened the volunteers minds and concluded the camp with a lot of experience. DAY 07 : 1 st January 2022 Final day began with assembly at 9.00 am. Official closing ceremony began at 10.00am.The function inaugurated by Rev.Fr.John Mattamundayil, give his message and after that programme officers felicitate the gathering succeeded by vote of thanks by volunteer secretaries. After the function memento distributed for senior volunteers and best camper were and awarded with memento. Rev.Fr. John Mattamundayil cut the cake as a part of celebrating new year. After lunch break cultural programmes and all the volunteers lighted candles and share their happiness, memories they got from these seven special days. 20192020 TEACHERS DAY CELEBRATION Date: 4th and 5th September 2019 Venue: St. Josephs College Of Engineering and Technology, Palai Beneficiaries:75 students, 30 volunteers Outcome: Raise awareness about the role of teachers. Highlights: Started the programme at 3.30pm on the 4th September as a part of teachers day celebration .Students and volunteers actively prepared cards and flowers .On the 5th September students and volunteers greeted Principal, teachers and nonteaching staff and gave them the prepared cards and flowers. POOKALAM ONAM DECORATION VOLUNTEERING Date : 5th 6th September 2019 Venue: St.Josephs College of Engineering and Technology. Beneficiaries: All the students and staff of the college Outcome : The activity ended up in making a beautiful

pookalam and surrounding by teamwork and enthusiasm. Highlights : The NSS Volunteers of the unit altogether engaged in decorating the college premises and courtyard on 5th September afternoon. On 6th early morning from 5.00 AM onwards they came to lay the pookalam. Along with that, they also volunteered for all the arrangements to be made prior to start of function and also for the different games conducted as part of onam celebration. FLOOD REHABILITATION Date : 16 August 2019 Venue : Kottayam Collectorate Beneficiaries :All those people whose home were flooded and residing in camps Outcome : We could deliver necessary daily needed items to the people suffering in flood relief camps. Highlights : NSS Volunteers of the unit tried to collect as much daily utility items as possible and some of the volunteers took it to the collection centre located at Kottayam Collectorate. That was a great help to those people who were struggling in flood relief camps. All the volunteers tried to contribute as well as collected from locality the needed items. SPORTS DAY VOLUNTEERING Date: 12 October 2019 Venue: St. Josephs College Of Engineering and Technology, Palai Beneficiaries: 155 students and faculty members Outcome: Volunteering for Sports events promoting teamwork. Highlights: Started the programme by 9:00am . Volunteers were involved in various activities related to sports events like helping the faculties, refreshment, prize distribution, etc. Programme was successful by the active participation of all volunteers. OLD AGE HOME FLOORING Date : 28th August 2019 Venue : Santhom Village, Mattathipara Beneficiaries: 65 volunteers, around 30 students and Programme Officers of two units Outcome: Completed the flooring activity for a new building constructed recently. Highlights : NSS Volunteers of the unit along with POs and VSs actively took the project of laying the floor of a newly constructed building for homeless old aged people so that the presence of these volunteers and students made the work so fast and the work was completed within a single day.

NCC SJCET Palai NCC Software Development Center 20240831T10:59:1400:00 National Cadet Corps NCC SJCET has the rare honour of being the first selffinancing engineering college to have an NCC subunit Army wing with an authorized strength of 160 cadets under 17 Kerala Battalion NCC Pala. NCC aims at developing character, comradeship, discipline, secular outlook, spirit of

adventure and ideals of selfless service among young citizens. Further, it aims to create a pool of well organized and trained youth with leadership qualities, motivated to serve the nation and contribute to the national development. The motto of NCC is Unity and Discipline. Dr. Tomson Thomas Associate Professor, EEE Dept. is the Care Taker Officer CTO of NCC subunit, SJ CET Palai. Activities of NCC 2023-2024 Combined Annual Training Camp at St. George College, Aruvithura The NCC CATC held from 29/04/2023 to 08/05/2023 at St. George, Aruvithura, aimed to enhance cadets leadership, teamwork, and character. Through drill practice, leadership workshops, and fieldcraft exercises, cadets honed their skills and fostered camaraderie. Cultural events and community service projects further enriched their experience. The camp instilled discipline, values, and physical fitness, shaping cadets into responsible leaders and exemplary citizens. As they return to their units, cadets carry with them newfound confidence, friendships, and a sense of pride in their NCC affiliation, poised to make a positive impact in their communities and beyond.

Yoga Day Celebration On June 21, 2023, our institution celebrated World Yoga Day with great enthusiasm, and the event was graced by the presence of NCC cadets. The program commenced with the esteemed inauguration by Mr. Mani C. Kappen, MLA of Pala Constituency, who emphasized the importance of yoga in maintaining physical and mental wellbeing. NCC cadets participated wholeheartedly, demonstrating various yoga poses and breathing techniques. The event aimed to promote the ancient practice of yoga and its numerous health benefits among students and staff. It served as a reminder of the significance of incorporating yoga into our daily lives for holistic wellness.

77th Independence Day Celebration On August 15th, 2023, our nation commemorated its 77th Independence Day with grandeur and patriotic fervor. Our college celebrated Independence Day by hoisting the national flag in the campus. Msgr. Dr. Joseph Maleparampil, Chairman, SJ CET hoisted the flag and delivered a message to the cadets and students.

Annual Training Camp at St. Stephens College, Uzhavoor The Annual Training Camp ATC at NCC, spanning 25/08/2023 to 03/09/2023 at St. Stephens College, Uzhavoor, served as a pivotal training ground for cadets. Combining theoretical learning with practical application, cadets underwent rigorous drills, leadership workshops, and outdoor exercises. From weapons training to map reading, they honed

essential military skills while fostering teamwork and discipline. The camp featured community service projects, instilling a sense of social responsibility. Cultural events and sports activities promoted camaraderie and healthy competition. The ATC culminated in a display of cadets prowess during the closing ceremony. Through this immersive experience, cadets emerged empowered, ready to embody the values of the NCC and serve their nation with pride.

World Heart Day Celebration On September 29th, 2023, St. Josephs College of Engineering and Technology, Palai, marked World Heart Day with a spirited Flash Mob organized by students in collaboration with Mar Sleevea Medicity Palai. The dynamic performance aimed to raise awareness about heart health, emphasizing the importance of exercise and healthy lifestyles. Medical professionals from Mar Sleevea Medicity enriched the event with valuable insights. Through vibrant dance routines and informative discussions, the celebration effectively promoted cardiovascular wellness. The collaborative effort underscored the colleges commitment to fostering a culture of health and wellbeing in the community, leaving a lasting impact on participants.

Gandhi Jayanthi Celebration 2023 St. Josephs College of Engineering and Technology, Palai, observed Gandhi Jayanti with reverence on October 2nd 2023, unveiling a Mahatma Gandhi Statue by Honorable Chairman Msgr. Dr. Joseph Maleparampil. The solemn ceremony, attended by dignitaries and faculty, paid homage to Gandhijis principles of truth and nonviolence. The inauguration of the newly erected Gandhi statue marked a significant event. Following the statues inauguration, the floral tribute was done by NCC Cadets as a gesture of respect. The statue serves as a timeless tribute to Gandhis ideals, inspiring reflection and contemplation on his teachings of peace and social justice. The event underscored the colleges commitment to upholding Gandhian values and fostering a culture of integrity and compassion in the community.

CATC at Labour India, Marangattupilly The CATC camp at NCC, held from 18102023 27102023 in Labour India Marangattupilly aimed to enhance cadets leadership, teamwork, and character. Through drill practice, leadership workshops, and fieldcraft exercises, cadets honed their skills and fostered camaraderie. Cultural events and community service projects further enriched their experience. The camp instilled discipline, values, and physical fitness, shaping cadets into responsible leaders and exemplary citizens. As they return to their units,

cadets carry with them newfound confidence, friendships, and a sense of pride in their NCC affiliation, poised to make a positive impact in their communities and beyond.

Mega Blood Donation Camp On November 26th, 2023, St. Josephs College of Engineering and Technology, Palai, in collaboration with the Lions Club and Matha Hospital, organized a Mega Blood Donation Camp. This noble initiative aimed to address the critical shortage of blood in healthcare facilities and save lives in need. Notably, NCC cadets also actively participated in this humanitarian endeavor by generously donating blood. Their selfless contribution exemplified the spirit of service and solidarity ingrained in the ethos of the National Cadet Corps. The event witnessed an overwhelming response from students, faculty, and members of the community, underscoring the collective commitment to humanitarian causes and community welfare.

Armed Forces Flag Day Celebration At SJ CET, the NCC Day and Armed Forces Flag Day were celebrated with fervor and patriotism on December 11th. The event showcased the institutions commitment to honoring and recognizing the contributions of the armed forces. The distinguished guests of the day were C.O Col.S. Michael Raj and A.O Col. M. P. Dinesh. Students and faculty came together to commemorate these occasions, fostering a spirit of unity and respect for the armed forces. The celebrations included various activities and programs to express gratitude and support for the brave men and women in uniform.

75th Republic Day Celebration 2024 On January 26, 2024, the nation joyously celebrated Republic Day with fervor and pride. The day commenced with the iconic flaghoisting ceremony, symbolizing the unity and sovereignty of the nation by Msgr. Dr. Joseph Maleparampil, Chairman, SJ CET Manager, in the presence of NCC cadets. He then delivered the republic day speech followed by the flag salute by the NCC cadets.

BCertificate Examination 2024 NCC BCertificate examination was conducted on 10th and 11th February 2024 at St. Thomas College, Palai. The practical test was on February 10th and the written test was scheduled on February 11th 2024. 26 cadets of SJ CET Palai appeared in the examination. The NCC BCertificate Examination encompasses a comprehensive evaluation of cadets in various aspects, including theoretical knowledge, practical skills, and leadership abilities. It typically consists of written tests, practical assessments, and viva voce examinations covering subjects such as drill, weapon training, map reading, and general military

knowledge. CCertificate Examination 2024 NCC CCertificate examination was scheduled on 17th and 18th February 2024 at Police Parade Ground and BCM College, Kottayam. The practical test was conducted on February 17th at Police Parade Ground Kottayam. The written test was scheduled on February 18th 2024. But unfortunately, the question paper was leaked and the written exam was canceled. The rescheduled written exam was conducted on 03032024 at St. Thomas College Pala and 17 cadets appeared in the examination. The NCC CCertificate Examination encompasses a comprehensive evaluation of cadets in various aspects, including theoretical knowledge, practical skills, and leadership abilities. It typically consists of written tests, practical assessments, and viva voce examinations covering subjects such as drill, weapon training, map reading, and general military knowledge.

SJCET Sports Day 2024 SJCET Sports Day was conducted on 28022024. NCC cadets actively participated in the marchpast NCC Parades Regular NCC parades were conducted at SJCET Palai during the year 202324. SJCET Techfest Asthra 8.0 Asthra the national level technical fest of St. Josephs College of Engineering and Technology, Palai, was conducted on 4th and 5th March 2024. NCC cadets of SJCET Palai actively volunteered during the techfest.

2022 2023 20222023 SJCET NCC Sub Unit In this academic year 202223 we had done several activities in our campus. On June 21 2022 our campus had conducted the World Yoga Day and our NCC cadets took part in the program. Our cadets also participated in CATC and ATCs conducted by the 17 K Bn NCC Pala. 11 cadets attended CATC at Labour India School from 01 July to 10 July 202 On 26th November we conducted a blood donation camp in association with NSS unit and the Lions Club. In this program our cadets had donated blood. 5 of our cadets attended CATC at Deva Matha College Kuravilangad from 04 September to 11 September 2022 and 36 cadets attended ATC camp at St.Stephens College, Uzhavoor from 22 Dec to 29 Dec 2022. World Yoga Day was celebrated in our institution on June 21, 2023 with the participation of NCC cadets. Mr. Mani C. Kappen, MLA, Palai Constituency inaugurated the programme.

REPUBLIC DAY CELEBRATION On 26 January 2023 our college celebrated the Republic Day by hoisting the national flag in the campus. Rev. Fr. Mathew Korankuzha, Manager, SJCET hoisted the flag and delivered a message to the cadets and students.

INDEPENDENCE DAY CELEBRATION On 15

August 2023 our college celebrated the Independence Day by hoisting the national flag in the campus. Msgr. Dr. Joseph Maleparampil, Chairman, SJCET hoisted the flag and delivered message to the cadets and students.

2021 2022 NCC Day Celebrations The NCC Day was celebrated on 27th November 2021. The Commanding Officer of 17Kerala Battalion Col. Michel Raj delivered the keynote address in the presence of H.E. Mar Joseph Kallarangatt, Bishop of Palai. 108 cadets attended the celebrations. Col. Micheal Raj Addressing the NCC Cadets of SJCET NCC Cadets of SJCET with college Management Col. Micheal Raj inaugurating NCC day celebrations of SJCET

Prize distribution on NCC day of SJCET

INTERNATIONAL YOGA DAY CELEBRATION Date: 21 June 2021. Participation in NCC activities was online due to the Covid19 pandemic. On 21 June 2021, cadets celebrated International Yoga Day by conducting Yoga through videos, performed by each cadet.

KARGIL VIJAY DIWAS Date: 26 July 2021 On 26 July 2021, NCC Cadets commemorated the Kargil Vijay Diwas. An online quiz programme was arranged for all students to create awareness of Indias victory over Pakistan in the Kargil War. Owing to the Covid19 pandemic restrictions, Video presentations on Kargil War, Param Veer Chakra awardees and National War Memorial was conducted online mode

INDEPENDENCE DAY CELEBRATION Date: 15 August 2021 On 15 August 2021, a flag hoisting ceremony was conducted in our college in connection with the Independence Day celebration. NCC Cadets celebrated Independence Day keeping the COVID19 safety guideline. An online pencil drawing competition was conducted on the same day for school and college students on the theme Fit India Freedom Programme.

GANDHI JAYANTI CELEBRATION Date: 2 October 2021 On October 2, 2021, NCC Cadets celebrated the birthday of Mahatma Gandhi. Cadets cleaned their premises and created a video about the importance of cleanliness, hygienic, and healthy India.

REPUBLIC DAY CELEBRATION Date: 26 January 2022 On 26 January 2022, Republic Day celebrations were held in the college. Dr David J, Principal, St Josephs College of Engineering and Technology hoisted the national flag and received a salute from the cadets. Platoons both Boys and Girls have participated in the programme.

WORLD TOBACCO DAY Date: 31 May 2022 On 31st May 2022 cadets observed world tobacco day to create awareness among the youth about the harmful and deadly effects of tobacco use. A video

presentation was conducted through online mode about the harmful effects of tobacco on the human body

Other training activities

NCC ONLINE AND OFFLINE CLASS ATTENDANCE REPORT

2021	2022	SL NO.	DATE	TOPIC	1 YEAR	SDI	YEAR	SW	TOTAL	2 YEAR	SD	2 YEAR	SW	TOTAL	3 year																																																																																																																																																																																																																																																																																																																																																																																
SD	3	Year	Sw	Total	1	September 1, 2021	NCC aims and objectives	43	11	54	43	11	54	8	4	12	2																																																																																																																																																																																																																																																																																																																																																																														
September 5, 2021	Organisation of NCC	43	11	54	43	11	54	8	4	12	3	September 8, 2021	NCC incentives	43	10	53	41	11	52	8	4	12	4	September 12, 2021	Training in NCC	43	11	54	43	11	54	8	4	12	5	September 15, 2021	Constitution of India	43	11	54	43	11	54	8	4	12	6	September 18, 2021	Religion and Customs	43	11	54	43	11	54	8	4	12	7	September 21, 2021	Role of NCC in Nation building	40	11	51	43	11	54	8	4	12	8	September 29, 2021	Heritage of India	43	11	54	42	10	52	8	4	12	9	October 3, 2021	Festivals of India	43	11	54	43	11	54	8	4	12	10	October 6, 2021	Slogans and Images of National Integration	43	10	53	43	11	54	8	4	12	11	October 8, 2021	Famous Leaders of India	43	11	54	42	11	53	8	4	12	12	October 11, 2021	Duties, Responsibilities of Citizen	43	11	54	43	11	54	8	4	12	13	October 13, 2021	Personal Hygiene	42	11	53	43	11	54	8	4	12	14	October 16, 2021	Military History	43	11	54	43	11	54	8	4	12	15	October 18, 2021	Moral values	43	11	54	43	11	54	8	4	12	16	October 20, 2021	Character Formation	43	11	54	43	11	54	8	4	12	17	October 22, 2021	Honour Code Concept	43	11	54	43	11	54	8	4	12	18	October 25, 2021	Right to Information Act	43	11	54	43	11	54	8	4	12	19	October 27, 2021	Disaster Management	43	11	54	43	11	54	8	4	12	20	October 30, 2021	Essential Services	43	11	54	43	11	54	8	4	12	21	November 1, 2021	Social Awareness	43	11	54	43	11	54	8	4	12	22	November 3, 2021	Social Service	43	11	54	43	11	54	8	4	12	23	November 5, 2021	Social Evils	43	11	54	43	11	54	8	4	12	24	November 8, 2021	Drug Abuse	43	11	54	43	11	54	8	4	12	25	November 10, 2021	Protection of Children and Pocso Act	43	11	54	43	11	54	8	4	12	26	November 11, 2021	Hygiene and Sanitation	43	11	54	43	11	54	8	4	12	27	November 13, 2021	Physical and Mental health	43	11	54	43	11	54	8	4	12	28	November 15, 2021	First Aid	43	11	54	43	11	54	8	4	12	29	November 16, 2021	Introduction to Yoga and Meditation	43	11	54	43	11	54	8	4	12	30	November 18, 2021	Yoga Asanas	43	11	54	43	11	54	8	4	12	31	November 22, 2021	Adventure Activities	43	11	54	43	11	54	8	4	12	32	November 26, 2021	Natural Resources Conservation	43	11	54	43	11	54	8	4	12	33	December 11, 2021	Water conservation	43	11	54	43	11	54	8	4	12	34

December 15, 2021 Waste Management 43 11 54 43 11 54 8 4 12 35 December 20, 2021 Energy Conservation 43 11 54 43 11 54 8 4 12 8 cadets appeared C Certificate exam and 38 students appeared B certificate Exam 2020 2021 The Activities of NCC started in SJ CET on the 7th of July 2020 with the approval of 160 cadets to be inducted and trained to serve the nation. During the academic year 2020 2021, various activities were organized by the NCC Unit. Due to lockdown imposed by COVID 19 protocols, trainings and activities were done online to keep cadets spirits up and running. NCC ONLINE AND OFFLINE CLASS ATTENDANCE REPORT 20202021 SL NO.DATE TOPIC 1 YEAR SD 43 1 YEAR SW 11 TOTAL 3 year SD 3 Year SW Total 1 August 12, 2020 NCC aims and objectives 43 11 54 8 4 12 2 August 17, 2020 Organisation of NCC 43 11 54 8 4 12 3 September 8, 2020 NCC incentives 43 10 53 8 4 12 4 September 12, 2020 Training in NCC 43 11 54 8 4 12 5 September 15, 2020 Constitution of India 43 11 54 8 4 12 6 September 18, 2020 Religion and Customs 43 11 54 8 4 12 7 September 21, 2020 Role of NCC in Nation Building 40 11 51 8 4 12 8 September 29, 2020 Heritage of India 43 11 54 8 4 12 9 October 3, 2020 Festivals of India 43 11 54 8 4 12 10 October 6, 2020 Slogans and Images of National integration 43 10 53 8 4 12 11 October 8, 2020 Famous Leaders of India 43 11 54 8 4 12 12 October 11, 2020 Duties, Responsibilities of citizens 43 11 54 8 4 12 13 October 13, 2020 Personal Hygiene 42 11 53 8 4 12 14 October 16, 2020 Military History 43 11 54 8 4 12 15 October 18, 2020 Moral values 43 11 54 8 4 12 16 October 20, 2020 Character Formation 43 11 54 8 4 12 17 October 22, 2020 Honour Code Concept 43 11 54 8 4 12 18 October 25, 2020 Right to Information Act 43 11 54 8 4 12 19 October 27, 2020 Disaster Management 43 11 54 8 4 12 20 October 30, 2020 Essential Services 43 11 54 8 4 12 21 November 1, 2020 Social Awareness 43 11 54 8 4 12 22 November 3, 2020 Social Service 43 11 54 8 4 12 23 November 5, 2020 Social Evils 43 11 54 8 4 12 24 November 8, 2020 Drug Abuse 43 11 54 8 4 12 25 November 10, 2020 Protection of Children and Pocso Act 43 11 54 8 4 12 26 November 11, 2020 Hygiene and Sanitation 43 11 54 8 4 12 27 November 13, 2020 Physical and Mental health 43 11 54 8 4 12 28 November 15, 2020 First Aid 43 11 54 8 4 12 29 November 16, 2020 Introduction to Yoga and Meditation 43 11 54 8 4 12 30 November 18, 2020 Yoga Asana 43 11 54 8 4 12 31 November 22, 2020 Adventure Activities 43 11 54 8 4 12 32 November 26, 2020

Natural Resources Conservation 43 11 54 8 4 12 33 December 11, 2020 Water conservation 43 11 54 8 4 12 34 December 15, 2020 Waste Management 43 11 54 8 4 12 35 December 20, 2020 Energy Conservation 43 11 54 8 4 12

INDEPENDENCE DAY CELEBRATION Date: 15 August 2020

On 15 August 2020, a flag hoisting ceremony was conducted in our college in connection with the Independence Day celebration. NCC Cadets celebrated Independence Day keeping the COVID19 safety guideline. An online pencil drawing competition was conducted on the same day for school and college students on the theme Fit India Freedom Programme.

GANDHI JAYANTI CELEBRATION Date: 2 October 2020

On October 2, 2020, NCC Cadets celebrated the birthday of Mahatma Gandhi. Cadets cleaned their premises and created a video about the importance of cleanliness, hygienic, and healthy India.

REPUBLIC DAY CELEBRATION Date: 26 January 2021

On 26 January 2021, Republic Day celebrations were held in the college. Dr David J, Principal, St Josephs College of Engineering and Technology hoisted the national flag and received a salute from the cadets. Both Boys and Girls platoons have participated in the programme. 10 cadets appeared and passed the C Certificate exam.

Campus Events SJCET Palai Campus Events Software Development Center

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CAMPUS EVENTS RAEREST INTERNATIONAL CONFERENCE The international Conference on Global Colloquium in Recent Advancement and Effectual Researches in Engineering Science and Technology RAEREST focuses on providing an international opportunity for sharing the ideas, knowledge and information of eminent and experienced professionals from industries, research organizations, faculty, research scholars and students from academic institutions among experts and researchers working in their area of interest.

SARGAM ANNUAL CULTURAL FESTIVAL SJCET Palai is actively engaged in providing the students with an extensive range of cultural and cocurricular activities. Keeping in line with this commitment our college organizes Annual Cultural Fest Sargam. It embodies eagerly awaited multiple events in dance, music, fashion, drama, literary and various other cultural fields and offers a plethora of opportunities to the students to showcase their talent.

ASTHRA ANNUAL TECHNICAL FEST Asthra is the annual

technical festival of SJ CET Palai. With an annual footfall of more than 5,000 visitors and participants, Asthra is one of the biggest intercollege fests in Kerala. Asthra will keep you engrossed in a plethora of professional shows, competitions, lectures and workshops that have a lot to offer to everybody. SARGASADHANA The SJ CET School of Management conducts a National Level Management Conclave in the name of Sargasadhana every year .The management event consists of a National Seminar followed by competitions purely related to management concepts, theories and practices in the areas of Marketing Management, Human Resource Management and Financial Management. It gives an opportunity to management students across India to participate in various management events that enable them to showcase their managerial talents and skills by applying the concepts, theories and principles they have learnt in the classrooms. FENSTRA Fenstra is the prestigious National Level InterCollegiate meet. It is conducted by the association of MCA students SMASH of St Josephs College Of Engineering and Technology Palai. PACE ANNUAL INTER COLLEGE SPORTS MEET Two weeks of PACE will give students an opportunity to play with passion and enthusiasm. Various competitions in Cricket, Volley Ball, Badminton, Table Tennis, Chess, Carom, Basket Ball and Foot Ball will be part of this mega event which will provide an ideal platform to the students to showcase their sports related skills.

Women in Development SJ CET Palai Women in Development Software Development Center
20240418T03:54:0900:00 Women in Development Cell Faculty In Charge Dr. Manju George
Women historically have been under represented in scientific and technical fields. Women can only realize their true potential, if and only if they have easy access to education and play a full role in communitys decision making process. This is too true that Equal access to education, training and science and technology: Pathway to decent work for women. Education solely can make anyone a better someone. When people realize this, and work for it, the world would be a better place for everyone.It is the integration of women into the global economies by improving their status and assisting in total development. To set the fire of the desire to win in young womens heart, SJ CET formally inaugurated her Women in Development Cell, Eva Reyna in Nov 2005. With blessings of

the Almighty and the auspicious presence of Miss Mary Metilda, Professor of Maharajas College, Ernakulam we started the mission of promoting and supporting the advancement of women in the professional field. The cell seeks to empower women as a decision maker, to achieve economic, social and gender justice and a healthy peaceful planet. It was constituted to help maintain a harmonious atmosphere at the Institute, to enable women to pursue their work with dignity and reassurance. The Cell has been working to raise awareness in the community on gender equality issues. The cell plans to organize lectures and interactive sessions with experts in different fields, create awareness about all the important issues, hold group discussions on different relevant topics. The Womens cell also aims at introducing the history of successful women which will make our women conscious of our proud heritage and motivate them to go ahead confidently. Any employee, be of faculty, or other staff, contractual, temporary, and student of Institute can approach the Women Development Cell if she feels discriminated on the basis of gender. St. Josephs College of Engineering and Technology SJCET, recognizing the fact that women have historically been underrepresented in scientific and technical fields, owns up to make a change to the social dilemma, strongly believing that women can truly realize their potential when they have equal access to education and play an active role in the decisionmaking process of their communities. With the aim of igniting the desire to succeed in young womens hearts, SJCET established the Women in Development Cell, Eva Reyna, in November 2005. The inauguration ceremony was graced by the presence of Miss Mary Metilda, Professor of Maharajas College, Ernakulam. The Women in Development Cell is dedicated to promoting and supporting the advancement of women in the professional field. Our mission is to empower women to become decisionmakers, achieve economic, social, and gender justice, and contribute to a healthy and peaceful planet. One of the primary objectives of the Women in Development Cell is to foster a harmonious atmosphere at the institute, enabling women to pursue their work with dignity and confidence. We are committed to raising awareness in the community about gender equality issues. To achieve this, the Cell plans to organize lectures and interactive sessions with experts from various fields. These sessions will create awareness about important issues and provide a platform for group discussions on relevant

topics. In addition to addressing contemporary challenges, the Women in Development Cell aims to showcase the history of successful women, instilling a sense of pride in our heritage. We believe that by highlighting the achievements of women throughout history, we can inspire young women to break barriers and strive for excellence. It is important to note that the Women in Development Cell is open to all employees of the institute, including faculty, staff, contractual workers, temporary workers, and students. We encourage individuals from all walks of life to approach the Women in Development Cell and avail themselves of the support and guidance we offer. At SJ CET, we firmly believe that empowering women is not only essential for their individual growth but also for the overall development of society. By providing a platform for women to thrive professionally and contribute meaningfully to the world, we are taking a step towards creating a more equitable and inclusive future.

Activities of EVA REYNA 202324 EVA REYNA Womens Day Celebration 2024 at SJ CET

On the 12th of March 2024, St. Josephs College of Engineering and Technology SJ CET transformed into a vibrant hub of empowerment and celebration as it hosted its annual Womens Day event, EVA REYNA. Organized by the dedicated members of the Women in Development cell SJ CET in collaboration with the Physical Education Department, EVA REYNA was not just a commemoration but a testament to the resilience, achievements, and spirit of women. The event, held in the prestigious Einstein Hall of SJ CET, welcomed a diverse audience comprising students, faculty, staff, and esteemed guests, all eager to partake in the days festivities. From the moment attendees stepped foot into the venue, they were enveloped in an atmosphere charged with enthusiasm, positivity, and a palpable sense of unity. However, at the heart of EVA REYNA lay a deeper purpose empowerment. The event sought to equip women with the tools, knowledge, and confidence necessary to navigate the world with strength and resilience. Central to this mission was Embold selfdefense training program, led by experienced senior civil police officers. Through a series of interactive demonstrations, discussions, and empowerment sessions, participants were empowered with practical selfdefense techniques, safety strategies, and assertiveness skills. The program served as a powerful reminder that empowerment begins with education, arming women with the confidence and capabilities to stand tall and assert their rights in any situation. Full Program

Report Awareness event on womens empowerment The Empowerment Enactment Breaking Barriers event, jointly organized by the State Police Department and the Women in Empowerment Cell of SJ CET, was held at Einstein Hall, SJ CET, with the objective of promoting womens empowerment and addressing societal challenges. The event featured a captivating drama presentation that vividly depicted the obstacles faced by women in society, including gender discrimination, stereotypes, and limited opportunities. The talented cast delivered compelling narratives of resilience, courage, and empowerment, leaving a profound impact on the audience. Following the drama, a panel discussion took place, bringing together speakers from the State Police Department, academia, and advocacy groups. Interactive sessions and workshops were also conducted, providing attendees with practical skills and resources to empower women in various aspects of life. Topics covered included selfdefense techniques, financial literacy, and career development strategies. These sessions facilitated meaningful dialogue among participants, encouraging collaborative efforts towards positive change. The event served as a platform for networking and collaboration among stakeholders, including students, professionals, and community leaders. Partnerships were formed to continue advocating for womens empowerment, implementing initiatives, and driving social impact. In conclusion, the Empowerment Enactment Breaking Barriers event was a resounding success, inspiring individuals to take proactive steps towards building a more inclusive and equitable world. It underscored the importance of collective action, education, and policy advocacy in creating positive change and empowering women to overcome barriers and achieve their full potential.

202223 Womens day celebration Womens day is celebrated annually at SJ CET to commemorate international Womens day. The keynote address was given by Mrs. Shyla Mathew, HOD rooms division, SJIHMCT, Palai. She is the lady with innate warmth of hospitality and talent, Graduated from IHM Mumbai. A passionate teacher by profession with 40 years experience in industry and academics, started her carrier with Ms. Thankam Plilip on completion of course side to which she was selected by the Taj Group. The biggest asset ever pointed by Mam is her students arraying from CEO to vice presidents to managers. This strong network has been the platform for the training cell headed by mam at SJIHMCT. She is one best teacher in hospitality sector, and so is

her display of passion as a hospitality trainer conducting sessions and workshops for management students of various prestigious institutes across Kerala. She addressed the gathering pleasantly and pooled her professional experiences with lady staff members of SJ CET. The program concluded with vote of thanks by Dr. Manju George, Staff in charge of Women in Development cell, SJ CET, Palai.

Womens Day Celebration

Talk Dr. Deepak Eldho Babu, Professor, M A College, Kothamangalam and he delivered a speech on the role of women in the smooth maintenance of the family relationship. The Womens Day celebration in our college was organized by the Women in Development Cell, which is a student-faculty led club that promotes gender equality and women's right. The Women in Development Cell plans to continue events and activities to empower the female students and faculties in our college.

2021-22 Gender: Breaking barriers Online Interactive Session

Gender: Breaking barriers Online Interactive Session by Dr. B Sandhya IPS, Director General of Kerala Fire and Rescue Services, Home Guard Civil Defense. Dr. B. Sandhya IPS, a native of Pala has adorned many reputed posts in police force and proved her mettle by securing several prestigious awards at state, national and international levels for her versatile talents and abilities including literary contributions. She addressed the gathering pleasantly and pooled her professional experiences with building engineers of SJ CET. The program concluded with vote of thanks by Dr. Manju George, Staff in charge of Women in Development cell, SJ CET, Palai.

2020-21 Womens Day Celebration

EVAREYNA Mrs. Grace Lal, Psychologist, Family Counsellor, Writer, Orator, Life Coach, Personality Development Trainer. She delivered a speech on The Challenges of Today's Woman. The Womens Day celebration in our college was organized by the Women in Development Cell, which is a student-faculty led club that promotes gender equality and women's right. In association with Womens Day celebration the Women in Development Cell also conducted an interactive talk session with Mrs. Grace Lal for female students and faculties of the college. The session was very lively and encouraging. She also talked about the importance of self-care and mental health for women and provide practical tips for women to prioritize their wellbeing. Additionally, she discussed the role of women in the family and society and encourage women to use their voices to advocate for themselves and others. She also highlighted the achievements of

women throughout history and celebrate the progress that has been made toward gender equality. She shared her experiences in the updated struggles and obstacles that woman face in this digital era.

201920 LUOVA FOUNDATION Luova Foundation is a nonprofit community based organization that works to empower women in the field of designing and we look forward to encourage women to unlock their reservoir of potential to accelerate innovation and bring in a major revolution in the designing sector. The first year students of computer science department started this project based non profit design community for female students in association with SJCET Startup Bootcamp and Women in Development Cell. Workshop Web Weekend Luova Foundation in association with SJCET Startup Bootcamp and Women in Development Cell provided an opportunity to learn web designing through the workshop, Web Weekend Digital Pookalam Designing Competition Pookalam 2.0 Introduction to UIUX 201819 Cyber Crimes Social Security Cyber awareness programme Dr. Dhanya Menon Pattathil. an Inspirational Cyber Crime Investigator and talented Kuchupudi Dancer addressed the students of SJCET, sharing much of her experiences and knowledge to safeguard students from the cyber world of crimes. The program concluded with vote of thanks by Dr. Manju George, Staff in charge of Women in Development cell, SJCET, Palai. A talk on Drug abuse among Youth Prof. K.P Joseph, Rtd. Prof. Dept. of Politics, Maharajas College, Ernakulam and A. Sebastian Ikara, Rtd. Prof., Girideepam MBA College, enlightened students on the various methods of drug abuse, its aftereffects and how to safeguard oneself from falling prey to it.

Heritage Museum SJCET Palai Heritage Museum for Science, Technology, and Culture was established in 2021. This museum is a testament to the evolution of various engineering disciplines and the rich culture of Kerala. The Science and Technology section of the museum is meticulously organized under five fundamental engineering branches: Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, and Mechanical Engineering. Each section provides an elaborate description of the evolution of its respective field, offering visitors a comprehensive understanding of the advancements in these areas. In addition to the engineering exhibits, the museum houses a separate section dedicated to Keralas culture. This

section showcases several ethnic items such as the Kindi a traditional water pot, Kolambi a type of large cooking pot, Pakida a type of swing, along with artifacts like typewriters and sewing machines, which are symbols of technological progress over time. The museum is dynamic and everevolving, with regular updates to the exhibits in line with the advancements in the relevant engineering branches, ensuring that the content stays current and informative. This continuous addition of resources makes the Heritage Museum a living and growing entity, much like the fields it represents.

Bank, ATM and Postal Services SJCET Palai Branch : Choondacherry Manager : Mr. Rogin C. Kurian Address : SJCET building, St Josephs College of Engg. campus, Choondancherry PO, Bharananganam, Kottayam Dist. PIN 686579, Kerala, INDIA IFSC CODE : SIBL0000708 Contact no: 04822239409 Working time: MONFRI: 9.30 AM TO 3.30 PM SATURDAY: 9.30 AM TO 12.30 PM LUNCH BREAK: 2.00 PM TO 2.30 PM 2nd 4th SATURDAY, SUNDAY are holiday.

Transportation Facility SJCET Palai Transportation Facility Software Development Center 20240320T10:55:1200:00 A full fledged Transport department functions in the college with buses to provide transport facility to students and staff from various places. This service is offered ensuring a hasslefree and safe transportation. Sl. No.Bus routeStaff in ChargeDept.Contact No. 1 SJCET Poonjar Teekoy Ms. Ligi Simon CE 8547639751 2 SJCET Cheenikuzhy Mr. Centil Jose LIB. 9496464673 3 SJCET Kanjirapally Mr. Thomas John CS 9946324895 4 SJCET Koothattukulam Mr. Bineesh Vijayan EC 9496804608 5 SJCET Pampady Mr. Sunny Cyriac EC 9946664156 6 SJCET Kanjirathanam Mr. Dijomon N B EE 9446906819 7 SJCET Mallappally Mr. Ajay S MCA 9744140490 8 SJCET Ettumanoor Mr. Justine Tom EC 9847845120 9 SJCET Thiruvalla Ms. Lakshmi G AD 8921897549 10 SJCET Pala Paika Mr. Jipson Mathew ME 9446602900 11 SJCET Kallara Mr. Mathew V. M ME 9495662712 12 SJCET Piravom Ms. Athirasree Das CS 9778359463 13 SJCET Moolamattom Mr. Vijayan M K ME 9495313474 14 SJCET Kottayam via Manarcad Ms. Tinu Thomas ES 9526725379 15 SJCET Kottayam via Mannanam Mr. Jose James CE 9447767794 16 SJCET Vaikom Mr. Babu T M ME 9745364436 17 SJCET Nedumkunnam Mr. Adarsh C Ravi AD

9496986007 18 SJ CET Uzhavoor Mr. Johnson Joseph ME 9446714176 19 SJ CET Pius Mount
Mr.Jibin Philip CS 8281042328 20 SJ CET Aruvithura Mr. Manoj George CS 9961080484 21 SJ CET
Gandhinagar Ms. Symamol T CS 9656668840 Faculty In Charge

Residential Facilities SJ CET Palai Residential Facilities Software Development Center
20250221T04:07:2100:00 OVER VIEW St. Josephs College of Engineering and Technology
provides hostel facilities for the students within the campus itself. The hostels are set in lush green
surroundings with clean air, water and a calm atmosphere conducive for learning and for the
physical wellbeing of the students. The catholic priests of the diocese of Palai and Rev. sisters from
the SABS congregation are the wardens of our hostels. There are four hostels St. Thomas for boys,
St. Augustines for girls, St. Marys for boys St. Alphonsa Hostel for boys. A total number of 1400
students can be accommodated at the college hostels. To cater to the academic needs of the
students, resident tutors are available in the hostel. Our hostels aim at the wholistic development
intellectual, cultural, moral, Social, emotional and spiritual of the students. The hostels provide a
disciplined, safe, calm, hygienic and peaceful atmosphere for students for their studies and for their
personal growth. The hostel mess provides good and wholesome food. Centralized and mechanized
kitchen located at St. Thomas hostel is the food factory of all SJ CET hostels. Hostels follow dividing
system in running the hostel mess. There is a mess committee with hostel wardens and student
representatives. The mess executive committee regularly once in a month meets and decide the
food menu. For the entertainment of the students, a lobby with television has been arranged and
major newspapers are also provided. There is a chapel for ensuring the spiritual growth with holy
mass and evening prayer every day . Moral talks are also held regularly and counselling facilities are
also available. Students are encouraged to make use of the college library and for this purpose
hostel timing have been chalked out. The students are expected to strictly follow the hostel rules
and guidelines regarding general discipline, behavior, study hours, meal timings etc. They are also
expected to take good care of hostel properties like furniture, room, toilet and bathroom fittings,
electrical accessories, etc. Hostel day is celebrated in each hostel. Facilities The hostel is well

equipped with high quality infrastructure such as: Spacious dining halls Chapels Study halls Gymnasiums WiFi facilities 24/7 Electricity. Hot/Cold purified drinking water facility Clean toilets and bathrooms Laundry and drying area All these facilities make our hostels a home away from home, ensuring a safe and positive environment for the students.

Fee Structure 2025-2026

Sl. No.	Particulars	Amount
1	Establishment Charge	26,000
2	Mess Advance	5,000
3	Refundable Caution Deposit	5000
4	Refundable Admission Fee	500
	Total	36,500

St. Thomas Hostel Boys

St. Thomas Hostel for boys was built in 2003. It has a capacity of 308 beds for students. The hostel consists of blocks I & II. The hostel accommodates the third and fourth year B.Tech., MCA, MBA and M.Tech. students. The centralized kitchen of the college is located at this hostel. There are two wardens, resident tutors and hostel staff to look after the everyday affairs of the students.

Wardens

Warden: Rev. Dr. Joseph Purayidathil, MM, Ph.D. Mob: 9446762362

Assistant Warden: Rev. Fr. Kuriakose Vattamukalel, MA Mob: 9447513597

Mess Manager: Rev. Fr. Joseph Vattappillil, LTh, LOCL Mob: 9497028498

Hostel Mobile. No. 9562239327

Capacity

Block 1: 58 rooms, 174 students

Block 2: 67 Rooms, 134 Students

Faculty rooms: 2

St. Alphonsa Hostel Boys

St. Alphonsa Hostel came into existence in 2012. The hostel has a capacity of 423 beds for students. The hostel consists of Block I and II. The hostel accommodates first and second year B.Tech. students. The students of St. Josephs Institute of Hotel management and catering technology are also accommodated here. The students can make use of the adjacent open stadium for playing football and cricket. Keeping in mind SJCETs passion for quality and excellence, all facilities are provided for the wellbeing of the students. There are three wardens, resident tutors and hostel staff to cater the needs of the students.

Wardens

Warden: Rev. Fr. Thomas Karottukizhakkal, MA, B.Ed. , Mob: 9447940444

Assistant Warden: Rev. Fr. John Mattamundayil, M.Sc Coun. Psy., Mob: 9446982681

Hostel Mobile No : 8075620192

Capacity

Block 1: 69 rooms, 207 students

Block 2: 72 Rooms, 216 Students

Faculty rooms: 10

St. Marys Hostel Boys

This hostel was established in the year 2003. The hostel has a capacity of 221 beds for students. First year B.Tech. Integrated MCA students are accommodated at this hostel. A separate section in the hostel with 10 double rooms are available for staff members of the college. There are two wardens,

resident tutors and hostel staff to support the students. Wardens Capacity Wardens Warden : Rev. Dr. Jeethu Mathew, MCA, PhD Mob:8075573679 Asst. Warden :Rev. Fr. Cherian Moolayil, M.Sc Mob: 8606701030 Hostel Ph. No: 8848516998 Capacity Total Rooms: 67 Total students: 201 Faculty rooms: 10 Guest rooms: 1 St. Augustine Hostel Girls This hostel has a capacity of 351 beds. The hostel consists of 3 Blocks, Block A , Block B Block C. The hostel accommodates B.Tech, MCA, MBA and M.Tech. students. A separate wing of Block B in the hostel with 10 double rooms are available for the ladies staff members of the college. There are five wardens, resident tutors and hostel staff to look after the needs of the students. Wardens Capacity Wardens Warden: Sr. Tessy Kuttiyanickal, BA, B. Ed., Mob 9148655264 Asst. Wardens : Sr. Seena Vadakkedath, BA, B.Ed., Mob: 6238269171 Sr. Tessy Vanchipurackal Mob: 9447935007 Sr. Monica Kureethadam., Mob. 8330071750 Sr. Deepthy Padinjarevattappally, B. Com., TTC Mob: 8281510620, 7034863362 Hostel Mobile No: 8848076766 Capacity Block A: 47 rooms, 141 students Block B: 50 rooms, 150 students Block C: 20 rooms, 60 students Faculty Rooms: 10

SJCET Karate Club SJCET Palai SJCET Karate Club Software Development Center 20240417T04:42:2000:00 About SJCET Karate Club True to its mission of providing holistic development to the students, SJCET is providing Shotokan Karate classes in the campus. Objective of SJCET Karate Club is to promote karatedo among the students so as to achieve selfconfidence, discipline in life and abandon all bad habits through welldisciplined and scientific karate training and for the formation of healthy generation both physically and mentally, hence to serve the society. Karatedo means empty hand method where the hands and legs are used as controlled weapons. Karate Club of SJCET aims at the physical and mental health, concentration and discipline of the students. The Karate classes are affiliated to Japan Karatedo Maruyoshikai Organization SHOTOKAN www.jkmoindia.com recognized by Karate India Organisation and World Karate Federation. The faculty in charge of Karate club is Dr. Tomson Thomas, Associate Professor, Department of Electrical and Electronics Engineering. SJCET Karate Club Training The training facilities under the club include: Breathing Techniques Exercises for Flexibility, Speed and Power

Basic Movements Body Strengthening Drills Blocking Techniques Hand Attacks Punches and Strikes Leg Attacks Kicks Falls and Rolls Throws and Locks Self Defence Techniques. Katas Imaginary Fight and moving meditation Weapons Nunchaku, Stick etc Traditional Kumite Sports Kumite Fighting as per World Karate Federation Rules 80 attendance is mandatory for appearing in the belt grading examination. The different belt grades are as follows. Achievements of Karate Club

202324 SJ CET Karate Team participated in APJ Abdul Kalam Technological University Karate Championship 202324 Men Women at MA College of Engineering Kothamangalam on 20122023. SJ CET Karate Team secured Second Runnerup Overall Championship and First Runnerup in Men Category. The details of various positions secured by the students are given below. SJ CET Karate Team receiving First Runnerup trophy in Men Category from Director of Physical Education, APJAKTU during the University Karate Championship 202324 at MA College of Engineering, Kothamangalam on 20122023 SJ CET Karate Team with Director of Physical Education, APJAKTU during the University Karate Championship 202324 at MA College of Engineering, Kothamangalam on 20122023 Mr. Jagan S. S3EEE, 202226 Batch of SJ CET represented APJAKTU in the SouthWest Zone Inter University Karate Championship 202324 at LNCT University Bhopal from 15012024 to 20012024. Mr. Jagan S. S3EEE, 202226 Batch secured silver medal in senior men kata, bronze medal in under 21 kumite 50kg and bronze in senior men kumite 55kg categories in the 4th Karate Kerala Championship 2023 at V.K. Krishna Menon Indoor Stadium Kozhikode on 10112023 and 11112023. Conducted a seminar on Importance of Selfdefence for the firstyear 202327 Batch students during the Induction Programme on 12092023. Jagan S. S1EEE, 202226Batch secured Bronze medal in senior men kumite 50kg category in the South Indian Karate Championship 2023 at Jimmy George Indoor Stadium Trivandrum on 10092023. 202223 SJ CET Karate club presented a selfdefence demonstration during the Womens Day Celebrations, EVA REYNA 23 at Einstein Hall in March 2023. Mr. Jagan S. S1EEE, 202224Batch of SJ CET represented APJAKTU in the All India Interuniversity Karate Tournament 202223 at Atal Bihari Vajpayee Vishwavidhyalaya, Bhilaspur, Chhathisgarh from 17th to 22nd January 2023. Mr. Jagan S. S1EEE, 202226 Batch of SJ CET secured Gold Medal Boys Kumite 50kg category in APJAKTU

Karate Championship 202223 at MA College of Engineering, Kothamangalam on 19122022. Mr. Savio Tomy S5ME, 202024 Batch of SJCET secured Bronze Medal Boys Kumite 84kg category in APJAKTU Karate Championship 202223 at MA College of Engineering, Kothamangalam on 19122022. SJCET Karate Team including Jagan S. 202226 EEE, Savio Tomy 202024 ME, Devika K. M. 202125 CS, Aravind S. Kumar 202024 EEE, Sharon Jose 202024 ME, Ashwin T. R. 202226 CS and Geo Tom 202024 EEE participated in the APJAKTU Karate Championship 202223 at MA College of Engineering, Kothamangalam on 19122022. 202021 Jophin John 201418 ECE secured Gold medal in Mens Kumite 84kg category in the Kottayam District Karate Championship 2021 conducted by Kottayam District Karate Association at Kottayam. 201920 Jophin John 201418 ECE secured Silver medal in Mens Kumite 84kg category in the 38th State Championship 2019 conducted by Kerala Karatedo Association at Rajiv Gandhi Indoor Stadium, Cochin during 22nd to 24th November, 2019. Tojin K. James 201620 ME and Jophin John 201418 ECE participated in the Kottayam District Karate Championship 2019 at AKM School, Changanaserry on 17th November, 2019. Jophin John secured Gold medal in Mens Kumite 84kg category.22022. 201819 Tojin K. James 201620 ME and Jophin John 201418 ECE participated in the 11th Shihan Bonnie Roberts Memorial National Open Karate Championship at Ponkunnam Town Hall on 26th December, 2018. Tojin K. James 201620 ME secured Black Belt Shodan in Shotokan Karate Japan Karatedo Maruyoshikai Organization during the black belt examination held at Pala, Kerala on 12th May 2018 by securing highest mark. 201718 Jophin John 201418 ECE represented SJCET Karate Club in the Karate Technical Seminar by the International Chief of SHOTOKAN JKMO INDIA, Shihan Sasaki Toshiatsu Japan held at Pala from 26th to 28th January 2018. Tojin K. James 201620 ME and Jophin John 201418 ECE participated in the Junior Open Karate Championship, held at St. Thomas HSS, Pala on 23 December 2017. Jophin John 201418 ECE participated in the Karate Kumite Seminar by Shihan Arman Emami Pakdehi Iran held at Neeloor from 5th to 8th December 2017. Justin C. Joseph 201418 EEE and Jophin John 201418 ECE participated as a judge in the Interschool Karate Championship held at St. Vincent CMI Schools, Pala, Kerala on 29 September 2017. Jophin John 201418 ECE and Justin C. Joseph 201418 EEE secured Black Belt Shodan in

Shotokan Karate Japan Karatedo Maruyoshikai Organization during the black belt examination held at Pala, Kerala on 11th June 2017. 201617 SJCET Karate Team participated in the SHOTOKAN JKMO INDIA Shihan Bonnie Roberts Memorial National Karate Championship 2017, held at Pala, Kerala on 26th January 2017. Jophin John 201418 ECE and Justin C. Joseph 201418 EEE secured prizes in the Championship. Emil Mani 201216 CS secured Black Belt Shodan in Shotokan Karate Japan Karatedo Maruyoshikai Organization during the Black Belt Grading Examination held at Pala on 14th May 2016. Emil Mani 201216 CS represented SJCET Karate Club in the Karate Seminar by the International Chief of SHOTOKAN JKMO INDIA, Shihan Sasaki Toshiatsu Japan held at Pala and Ramapuram on 30th and 31st January 2016. SJCET Karate Team participated in the 9th Shihan Bonnie Roberts Memorial National Karate Championship 2015, held at Municipal Town Hall, Pala on 31st October and 1st November 2015. Emil Mani 201216 CS, Jophin John 201418 ECE, Justin Joseph 201418 EEE and Ajith Shaji 201519 ME secured prizes in the Championship. SJCET Karate Team participated in the SHOTOKAN JKMO INDIA Zonal Karate Championship 2015, held at St. Thomas HSS Pala on 19th September 2015. Justin Joseph 201418 EEE and Jophin John 201418 ECE secured prizes in the Championship. SJCET Karate Team participated in the 8th Shihan Bonnie Roberts Memorial National Karate Championship 2015, held at Kristu Jyothi Indoor Stadium, Changanassery on 14th and 15th February 2015. SJCET Karate Team participated in the All Kerala Inter Collegiate Karate Championship 2015, held at Kottayam on 25th January 2015. Emil Mani 201216 CS, Rohith Raveendran 201216 ME, Jimmy Jose 201216 CS and Midhun Jacob 201216 ME secured prizes in the Championship. SJCET Karate Team participated in the 7th Shihan Bonnie Roberts Memorial IndoSrilankan Karate Championship 2013, held at Municipal Town Hall, Pala on 9th and 10th November 2013. Rohith Raveendran 201216 ME participated in the Kerala State Karate Championship organized by Kerala Karate Association at Chalakkudy on 29th and 30th December 2012. Thejus Joby 201014 CS participated and won prizes in the South Indian Karate Championship held at Kaduthuruthy on 24th and 25th November 2012. SJCET Karate Team participated in the Kottayam District Karate Championship 2012 held at S.H. Junior College, Changanacherry on 13th October 2012. Thejus Joby 201014 CS, Srubini John Bejoy

201014 ME, Rohith Raveendran 201216 ME and Jimmy Jose 201216 CS secured prizes in the Championship. SJCET Karate Team participated in the 6th Shihan Bonnie Roberts Memorial National Karate Championship 2012, held at Municipal Town Hall, Pala on 22nd and 23rd September 2012. Thejus Joby 201014 CS, Srubin John Bejoy 201014 ME, Rohith Raveendran 201216 ME and Jimmy Jose 201216 CS secured prizes in the Championship. The ultimate aim of Karate lies not in victory nor defeat, but in the perfection of the character of its participants SJCET Karate Team participated in Shihan Bonnie Roberts memorial invitational State Karate Championship at Labour India International School, Vagamon on 26th January 2010. Justin Mathew 200711 ECE, Peter M.A 200913 ECE, Vineeth C. I 200913 EEE, Abin Joseph 200913 CE, Sanu Sunny 200913 ME and James Sigi Moolamattom 200913 ME secured prizes in the Championship. SJCET Karate Team participated in the SHOTOKAN JKMO INDIA Zonal Karate Championship 2016, held at St. Thomas HSS Pala on 12th October 2016. Jophin John 201418 ECE, Justin Joseph 201418 EEE, Lino Raju 201620 ME and Tojin K. James 201620 ME secured prizes in the Championship.

Medicare SJCET Palai St. Josephs College of Engineering and Technology, Pala has signed an MOU with Mar Sleevea Medicity, Palai, for exclusive Healthcare benefits for our students and employees. As per the MOU, once a week service of a doctor from Mar Sleevea Medicity, Palai is available at college campus at Medicare on a fixed day for the Staff and Students. On other days if a Staff or Student of St. Josephs College of Engineering and Technology, Palai requires treatment of any sort, the doctors of Mar Sleevea Medicity, Palai, will be made available. In case of an accident or any other emergency situation, the hospital authorities will give urgent medical care and necessary treatments including test, operation etc. to the patients. In case of an emergency, hospital authorities shall provide ambulance to bring the patient to the hospital if available. However, such requirements may confirmed from any of the following authorities before dispatching the ambulance to the collegehostel.

Student Counseling SJ CET Palai Counselling can offer you a space to talk and think about problems and difficulties, and many people find it helpful to be able to do this with someone who is not a friend or family member. Counsellors are not the same as doctors and psychiatrists, and cannot prescribe medication. Counselling is not about giving advice, but can help you understand difficulties. Your counsellor can work with you to help you make decisions and changes that may work better for you. Counseling by experts are available in SJ CET for students having problems with their studies and personal habits. Sr. Theresia Joice Varghese M.Sc. Counselling Psychology Ms. Mathew Henah Binny Counseling Psychologist On Call Dr. Sr. Prashanthi, BSc, MBBS DPM, DVD Consultant Psychiatrist Dermatologist Dr. D. George, DMSP, MApsy.Ph.D., FIACP Consultant Clinical Psychologist The methodology followed in SJ CET for the student Counseling is unique and fruitful since very many years. We do have followup sessions in needed cases and it is up to the discretion of the counselor. As a result we see some noticeable changes in the behavior of our students and their confidence level and their ability to work hard has increased considerably.

Exam Controller SJ CET Palai Exam Controller Software Development Center
20250219T15:10:3500:00 Controller of Examinations Dr. Nidhish Mathew Nidhiry coesjcetpalai.ac.in
Deputy Controller of Examinations 1 Dr. Jeeno Mathew dcoe1sjcetpalai.ac.in Deputy Controller of
Examinations 2 Mr. Sumithmon K S doce2sjcetpalai.ac.in Camp Officer Chief Superintendent of
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Programme Exit Survey SJCET Palai Dear Student, SJCET Palai and its constituent Departments are striving its best to provide our students with effective degree programs within the frame work prescribed by the affiliating University APJAKTU. In this regard, as a student of this organization, your voice matters Please complete this survey, considering your overall experiences in the organization, rather than concentrating on any single aspect. Please understand, there is no right or wrong answer to this questionnaire, hence the first response that comes to mind is the best response. SJCET thanks you and wishes you success and fulfillment in all your future endeavors.

careers SJCET Palai SJCET Palai careers SJCET Palai Software Development Center
20250320T09:57:5200:00 Why work at SJCET SJCET is a high rated Engineering institution in Kerala, with wide reputation for its outstanding achievements. Our human resource policies and practice are geared towards attracting and recruiting the best and rewarding, recognizing and retaining them. These policies and practice are comparable to the best in the category. Would you like to join to our ongoing success In our work environment, all employees are valued and respected and have opportunities to develop their full potential. Join a team of dedicated professionals who truly believe in what they do You can be a Professor, Assistant Professor or an Instructor as per your qualification and AICTE norms.Candidates may fill up the format and send the same, along with relevant documents and copies of certificates, by post. Additional sheets may be used to mention more details, if any, over and above those indicated in the format.You can apply any time during the year interview will be conducted twice in a year as per requirement.You will be a part of

an innovative enthusiastic team, dedicated to build a unique experience for students and staff. The shortlisted candidates will be invited for interview through mail and/or telephone. Instructions All degrees qualifications must be approved by AICTE APJ Abdul Kalam Technological University. Distance education degrees are not accepted Candidates have to produce all original certificates at the time of interview Subject knowledge, presentation skills and the general attitude and interest will be assessed during the interview. Applications can be sent at any time of the year. Mail us The Chairman The Diocesan Technical Education Trust Palai EMail : chairmansjcetpalai.ac.in

Software Development Center SJCET Palai This author has not yet filled in any details. So far Software Development Center has created 44 blog entries.

6 Days Online ATAL FDP on NextGen AI: Innovations in Machine Learning, Deep Learning, and Generative Models SJCET Palai Home6 Days Online ATAL FDP on NextGen AI: Innovations in Machine Learning, Deep Learning, and Generative Models

NPTEL SJCET Palai NPTEL is the largest repository of online courses in Engineering, Science Humanities from India's best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL managed by IIT Madras. The students of SJCET can access all the courses of NPTEL even without an Internet connection. Instructions Local Chapter for NPTEL National Programme on Technology Enhanced Learning has been established in our institution since 2016. You can do course enrolment and certification following the below listed procedure. Visit the NPTEL course portal Choose the course you want to enroll. All registrants have to use their email id while filling their profile. While filling the Profile, tick Yes in Are you a part of an NPTEL local chapter and choose our College name correctly from the dropdown menu. Complete the assessment formalities in the course portal. Benefits of doing NPTEL Course Certification from IIT. Fee waiver scheme for students based on merit cum means. Internship facility at IIT Madras for NPTEL semester toppers. MOOC Course for KTU Minor/Honor courses. 50 KTU activity points for

one NPTEL course. To facilitate easy access of resources, the web contents and videos are hosted in our campus which can be accessed via All students and staff members are encouraged to utilize the facility.

Oracle Academy SJCET Palai SJCET Palai As Oracles global, philanthropic educational program, Oracle Academy advances computing education around the world to increase knowledge, innovation, skills development, and diversity in technology fields. Oracle Academy understands and values educators as partners who are empowered to facilitate innovative student learning in and outside the classroom. We engage with thousands of educational institutions and educators in more than 120 countries, helping millions of students become college and career ready. Oracle Academy continues Oracles commitment to education, which spans 25 years and is a part of the companys legacy. Oracle Academy offers educators and their students free resources to teach and learn computer science. This includes curriculum, learning resources, Oracle cloud technologies, software, support, and professional certification resources. With Oracle Academy, students receive hands on experience with the latest technologies, helping make them college and career ready in the era of cloud computing, artificial intelligence, machine learning, data science, the Internet of Things, and beyond. Oracle Academy works with public and private partners to provide the tools and training educators need to engage, inspire and prepare students to become innovators and leaders of the future. We believe everyone should have the skills and opportunities to achieve their dreams.

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IEEE SJCET Palai IEEE Software Development Center 20240409T10:06:1400:00 IEEE Computer Society IEEE Computer Society is a professional society of IEEE. Its purpose and scope is to advance the theory, practice, and application of computer and information processing science and technology and the professional standing of its members. The CS is the largest of 39 technical societies organized under the IEEE Technical Activities Board. The Computer Society sponsors workshops and conferences, publishes a variety of peerreviewed literature, operates technical committees, and develops IEEE computing standards. It supports more than 200 chapters worldwide and participates in educational activities at all levels of the profession, including distance learning, accreditation of higher education programs in computer science, and professional certification in software engineering. Mission To be the leading provider of technical information, community services, and personalized services to the worlds computing professionals. Vision Be essential to the global technical community and computer professionals everywhere and be universally recognized for the contributions of technical professionals in developing and applying technology to improve global conditions. Chapter Advisor : Prof. Jikku Thomas Official website : IEEE Industry Applications Society The Industry Applications Society, as a transnational

organization, is interested in advancement of the theory and practice of electrical and electronic engineering in the development, design, manufacture and application of electrical systems, apparatus, devices and controls to the processes and equipment of industry and commerce promotion of safe, reliable and economic installations industry leadership in energy conservation and environmental, health, and safety issues creation of voluntary engineering standards and recommended practices and the professional development of its membership. Mission To be the leading provider of technical information, community services, and personalized services to the worlds computing professionals. Vision Be essential to the global technical community and computer professionals everywhere and be universally recognized for the contributions of technical professionals in developing and applying technology to improve global conditions. Chapter Advisor : Prof. Jojin Thomas Official website : IEEE Power and Energy Society The Power and Energy Society PES provides worlds largest forum for sharing the latest technological development in electrical power industry. The mission of PES is to be a leading provider of scientific and engineering information on electric power and energy for betterment of society and be a preferred professional development source. Mission To be the leading provider of technical information, community services, and personalized services to the worlds computing professionals. Vision Be essential to the global technical community and computer professionals everywhere and be universally recognized for the contributions of technical professionals in developing and applying technology to improve global conditions. Chapter Advisor : Prof. Jojin Thomas Official website : IEEE Robotics and Automation Society The IEEE Robotics and Automation Society strives for the advancement of the theory and practice of robotics and automation engineering and science and of the allied arts and sciences, and for the maintenance of high professional standards among its members, all in consonance with the Constitution and Bylaws of the IEEE and with special attention to such aims within the Field of Interest of the Society. Mission To foster the development and facilitate the exchange of scientific and technological knowledge in Robotics and Automation that benefits members, the profession and humanity. Vision To be the most recognized and respected global organization in Robotics and Automation Chapter Advisor : Dr. Arun.P Official website : IEEE

Women in Engineering WIE IEEE Women in Engineering WIE is one of the largest international professional organizations dedicated to promoting women engineers and scientists, and inspiring girls around the world to follow their academic interests in a career in engineering. Mission Our goal is to facilitate the recruitment and retention of women in technical disciplines globally. Vision We envision a vibrant community of IEEE women and men collectively using their diverse talents to innovate for the benefit of humanity. Advisor : Prof. Nitha M Biju Official website : IEEE SIGHT Special Interest Group on Humanitarian Technology IEEE SIGHT is a global network of IEEE volunteers partnering with underserved communities local organizations to leverage technology for sustainable development. It is structured as a subcommittee of the HAC. Mission SIGHT encourages its members to form groups in order to effectively develop sustainable solutions that make a long term difference in the lives of people around them. Vision IEEE SIGHT members who come together to learn about sustainable development, build relationships within their local communities, and implement SIGHT group projects that utilize technology to tackle key problems within the community. Advisor : Dr. Arun P Official website :

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION SJCET Palai SJCET Palai THE INDIAN SOCIETY FOR TECHNICAL EDUCATION SJCET Palai Software Development Center 20240415T04:38:1800:00 THE INDIAN SOCIETY FOR TECHNICAL EDUCATION The Indian Society for Technical Education ISTE is a National, Professional, Non Profit making Society registered under the Societies Registration Act of 1860. It has 70058 members among technical teachers and more than one and a half lakh student members in the country. ISTE SJCET has 170 institutional members. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. Reports Induction training program for teachers Refresher Program on OUTCOME BASED EDUCATION IN PROFESSIONAL INSTITUTIONS

ASME SJCET Palai The ASME student chapter at SJCET in Palai is a studentrun organization

affiliated with the American Society of Mechanical Engineers ASME. The chapter is located at St. Josephs College of Engineering and Technology SJ CET in Palai, Kerala, India. The chapter provides opportunities for students to develop their skills and knowledge in mechanical engineering through various activities, such as technical workshops, seminars, guest lectures, and design competitions. The ASME student chapter at SJ CET in Palai aims to promote engineering education and awareness among students, and to facilitate the exchange of technical knowledge and ideas among its members. The chapter also provides a platform for students to interact with industry professionals and experts, thereby enhancing their career prospects in the field of mechanical engineering. Membership in the ASME student chapter at SJ CET in Palai is interdisciplinary and open to all engineering students of the college. The chapter conducts various activities throughout the year to engage its members and promote mechanical engineering education and awareness. The ASME SJ CET student Section was inaugurated in 25 January, 2018. Dr. Lijo Paul, Associate Professor, ME department is the Student Section advisor of the chapter.

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SJ CET Newsletters SJ CET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home

Computer Society Of India SJ CET Palai Computer Society Of India Software Development Center 20240408T04:49:0200:00 COMPUTER SOCIETY OF INDIA Computer Society of India CSI is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer

professionals. The Society encourages and assists professionals to maintain integrity and competence of the profession and fosters a sense of partnership amongst members. Besides the activities held at the Chapters and Student Branches, the Society also conducts periodic conferences, seminars. Vision The Computer Society of India is a nonprofit professional society and the members meet to exchange views and information, to learn and share ideas. The wide spectrum of members is committed to the advancement of theory and practice of Computer Engineering and Technology Systems, Science and Engineering, Information Processing and related Arts and Sciences. Mission Facilitate Research, Knowledge Sharing, Learning and Career Enhancement among all categories of IT professionals. Inspire, nurture and assist students to integrate into the IT community. Percolate benefits of IT advancement to all sections of Indian Society. CSI Educational Institution Membership Number M10048 CSI 20232024 Workshop on 2D Game development using HTMLI,CSS,JS The Department of Computer Science and Engineering at St. Josephs College of Engineering and Technology Palai, in collaboration with the Computer Society of India CSI Student Chapter, recently organized an insightful workshop on 2D game development. Held on 10th and 17th November 2023, the workshop aimed to provide students with a comprehensive understanding of game development using HTML, CSS, and JavaScript. Led by industry experts Gautham Krishna and Tomin Joy of S7 CSE, the workshop attracted over 70 enthusiastic participants from secondyear CS, ECS, CY, and AD departments. Through handson sessions and expert guidance, students gained valuable insights and practical skills in game development and web technologies, making the event a resounding success. Online Session on Figma The CSI student chapter recently hosted an engaging online session on Figma Fusion on February 9, 2024. Led by Mr. Mathews P Mathew, a student of S8 CSE, the session attracted an impressive turnout of around 50 students from various departments, including CS, ECS, CY, and AD. Despite being studentled, the session provided valuable insights into Figma Fusion, a widelyused tool for interface design and prototyping. Participants benefitted greatly from the session, enhancing their skills in this crucial area of expertise. Talk on Cyber Security Trends and Challenges The CSI student chapter recently organized a highly informative online talk on Cyber Security Trends and Challenges, held on

February 10, 2024. The event featured R Ashwin, Cyber Security Lead at GtechMulearn, as the distinguished resource person. Despite the virtual format, the talk garnered an impressive attendance of approximately 50 students from various departments, including CS, ECS, CY, and AD. Ashwin's expertise and insights into Cyber Security surely enriched the attendees' understanding of this critical field, providing them with valuable knowledge and insights.

Invited Talk on Engineering The Road Ahead: The CSI student chapter recently organized an invited talk on Engineering The Road Ahead, which was held on 25th March 2024. The event featured Mr. Mridul George, a renowned professional with a background as a Product Manager, Published Author, and Screenwriter in Bollywood, with past experience at Nielsen and Infosys, as the resource person. Mr. George shared practical tips and tricks for excelling in an engineering career. The event, held at the Seminar Hall, Mother Theresa Block, was attended by more than 210 students, offering valuable insights and guidance to the attendees.

Handson Workshop on Blender 3D Modelling: The CSI Student Chapter of St. Joseph's College of Engineering Technology, Palai, organized a full-day hands-on workshop on Blender and 3D Modelling on March 4, 2024, at the Networking Lab. The workshop aimed to provide students with practical skills in using Blender, covering various aspects of 3D modelling such as basic tools and techniques, creating 3D models from scratch, texturing, lighting, and rendering. Participants had the opportunity to work on real-life projects and learn from experienced instructors. The workshop was well-received, with attendees expressing appreciation for the hands-on learning experience and the practical skills gained. The event showcased the CSI Student Chapters' commitment to providing valuable learning opportunities in emerging technologies like 3D modelling.

CSI 2022-2023 Handson workshop on INTRODUCTION TO FIGMA: The CSI student chapter of SJCET, Palai, in association with CSEA, conducted a Hands-on workshop on INTRODUCTION TO FIGMA on 22nd October 2022. The workshop focuses on making students aware of Figma, which is a cloud-based graphic design and collaboration platform that allows them to design, prototype, and collaborate on user interface designs. Mr. Tom C. Antony of S7 CSE B handled the session and explained the platform in a detailed manner. Students from different departments of SJCET, Palai, attended the same event, and they got an opportunity to experiment

with the platform. **HANDSON WORKSHOP ON INTERNET OF THINGS** The CSI student chapter of SJCET, Palai, in association with CSEA, conducted a Handson workshop on INTERNET OF THINGS on 1st December 2022. The workshop focuses on spark students interest in the new internet revolution. Students from SJCET, Palai as well as other institutes attended the workshop and the workshop sessions handled by, Mr. Sucheendra Das, REVERTECH IT SOLUTIONS, KOCHI. The workshop includes Handson sessions using NodeMCU.

HANDSON WORKSHOP ON HTML CSS FOUNDATIONS The CSI student chapter of SJCET, Palai, in association with CSEA, conducted a Handson workshop on HTML CSS Foundations on 3rd April 2023. The workshop focused on enhancing the knowledge of students in the domain area of building amazing websites and mastering the field of HTML CSS Foundations. The workshop covered all the fundamentals of HTML CSS and enhanced the skills of participants in designing a website from scratch. The session was handled by Mr. Rajath Mathew of S8 CSE.

Handson Workshop on React. js Framework The CSI student chapter of SJCET, Palai, in association with CSEA, conducted a twoday handson workshop on React.js Framework from March 23rd, 2023 to March 24th, 2023. The workshop focused on making the students aware of building websites and mastering the field of Frontend Web Development using React.js. The workshop covered all the fundamentals and made the students capable of developing responsive websites. The sessions were handled by Mr. Allen Thomas Nellary of S8 CSE.

CSI 20212022 Webinar on Let us AI A Story on Artificial Intelligence The Department of Computer Science and Engineering of St. Josephs College of Engineering and Technology, Palai, in association with the CSI Students chapter, organized a webinar on Let us AI A Story on Artificial Intelligence on 12th March 2022. The session handler was Dr Joe Cheri Ross, Applied Research Engineer with the Artificial Intelligence team at LinkedIn Bangalore. Around 240 students attended the same event.

Webinar on A GLIMPSE INTO THE WORLD OF MEDIA AND ENTERTAINMENT INDUSTRY The Department of Computer Science and Engineering of St. Josephs College of Engineering and Technology, Palai, in association with the CSI Students chapter, organized a webinar on A GLIMPSE INTO THE WORLD OF MEDIA AND ENTERTAINMENT INDUSTRY on 19th February 2022. The session handler was Mr Jeril Jacob

Babu, Faculty and Placement Officer at MAAC Kottayam, CoFounder Crow Production House. Around 60 students attended the same event.

Webinar on SKILL DEVELOPMENT AND LIFE LONG LEARNING The Department of Computer Science and Engineering of St. Josephs College of Engineering and Technology, Palai, in association with the CSI Students chapter, organized a webinar on SKILL DEVELOPMENT AND LIFE LONG LEARNING on 10th February 2022. The session handler was Mr Jeevan George Anthony, UI Developer at ZS Associates. Around 40 students attended the same event.

Webinar on Professional Communication Skills The Department of Computer Science and Engineering of St. Josephs College of Engineering and Technology Palai, in association with the Computer Society of India CSI Student Chapter of SJCET Palai, organized a Webinar on Professional Communication Skills on 27th June 2021. The session handler was Mr Mridul George, Senior Software Developer Visual IQ Nielsen. Around 40 students attended the same.

CSI 20202021 HandsOn Workshop on Reference and Citation Management using Zotero Zotero is a free and opensource reference management software to manage bibliographic data and related research materials. The workshop was for final year B. Tech and M. Tech students of the CSE Department. Prof. Bino Thomas, of CSE department of handled the session. The program was on November 14, 2020, and 30 students attended the same.

Hacktoberfest Meetup Hacktoberfest is a monthlong celebration of open source software run by DigitalOcean. Hacktoberfest is open to everyone in the global community CSI student chapter of St. Josephs College of Engineering Technology, Palai is also teaming up with the same. A local meetup was organised and it was a handson session where the participants got access to the inviteonly platform Leapcode. The session was on 11th October 2020. 40 students registered and attended the same. The key speakers for the session were Mr Kuruvilla George Aiyankovil Leapcode CoFounder and MSc Computer Science Scholar, Maynooth University, Ireland and Mr Amal Sebastian CSI Student Chairman, SJCET, Palai

Webinar on UIUX Design The Department of Computer Science and Engineering of St. Josephs College of Engineering and Technology, Palai in association with Computer Society of India CSI Student Chapter of SJCET Palai organized a webinar on UIUX Design on 3rd October 2020, 4 PM. The session handler was, Mr Harish Krishnan UX Designer at Accenture Interactive. 62 students

from various colleges in India attended the same. Webinar on Why contributing to the Open Source World would be better The opensource community provides a great opportunity for aspiring programmers to distinguish themselves by contributing to various projects. Developers can improve their skills and get inspiration and support from likeminded people. And they can prove that they can build fantastic experiences that people love. The Department of Computer Science and Engineering at St. Josephs College of Engineering and Technology Palai in association with Computer Society of India CSI Student Chapter of SJCET Palai organized a webinar on Why contributing to the Open Source World would be better on Saturday 8th August 2020, 4 PM. The session was handled by Mr Kuruvilla George Aiyankovil, Leapcode CoFounder and MSc Computer Science Scholar, Maynooth University, Ireland. 50 students from various colleges in India attended the same. CSI 20192020 LOCK CODE Online Coding Competition LOCK CODE was an online coding competition organized by the Department of Computer Science and Engineering at St. Josephs College of Engineering and Technology Palai in association with HackerEarth and Computer Society of India CSI Student Chapter of SJCET Palai. The event was organized on 27062020. 113 participants participated in the same. Merit certificates were awarded to top 3 performers and participation certificates were awarded to those who scored above 50. Webinar on Database Breach and Remediation CSI student chapter of SJCET, Palai organized a Webinar on Database Breach and Remediation in association with Red Team Hacker Academy on 06th June 2020. The session was handled by Mr. Sachin Jose Cyber Security Instructor, RedTeam Hacker Academy. 50 participants from SJCET, Palai participated in the same. Invited Talk on Value of International Certification on ITITES Career CSI student chapter of SJCET, Palai conducted an Invited Talk on the topic Value of International Certification on ITITES Career in association with CSEA chapter on 12022020. The session was handled by Mr. Ramesh Padmanabhan, Director of Red Hat GLS India. It was organized for S6 CSE B.Tech students and S4 MCA students. Congratulations Mr. Jobson P Varghese of S6 CSE won second prize in Web Development competition conducted in CSI Kerala State Student Convention2020 held at MES, Marampally on 31st January 2020. Coding Competition CSI student chapter of SJCET, Palai organized coding competition for students of sixth semester B.Tech and

second semester M.Tech students on 5th February 2020. 107 students participated on the same and Mr. Roval Benny of S6 B.Tech CSE become the winner for the same. CSI 20182019 Workshop on on 3D Modelling GNOMON CSI student chapter of SJCET, Palai organized one day workshop on on 3D Modelling GNOMON for students on 08022019. 50 participants from SJCET, Palai and nearby colleges attended the same. Blockchain Technology Expert talk on Introduction to Blockchain Technology was given by an Alumni of CSE Department, Mr. Kuruvilla George, Software Engineer, Orion Business Innovation. Alumni talk was organized by Dept. of Computer Science Engineering in association with Computer Society of India, IEEE Computer Society and ACM SJCET Palai on 06102018. Introduction to Godels Incompleteness Theorem Expert talk on Introduction to Godels Incompleteness Theorem was organized by Computer Society of India in association with IEEE Computer Society and ACM SJCET Palai on 14092018. Resource person : Dr. Sharma V Thankachan, Professor, University of Central Florida, USA. CSI 20172018 Free Open Source Software CSI chapter of SJCET, Palai organized workshop for students of CSE department on the topic FREE OPEN SOURCE SOFTWARE on 15092017. The session was handled by Mr. Deepu Job and was attended by students of CSE department. CSI 20162017 Two Day Workshop INSENDIUM 2.0 on 20th 21st October 2016 Organized by SJCET Startup Bootcamp in association with CSI chapter of SJCET, Palai. Two Day programme called Insendium was organized for the students of St. Josephs College of Engineering Technology, Palai on 20th and 21st October 2016. The main objective of the programme was to ignite the students creative thinking. The workshop was designed in such a way on these two days that they were trained in three phases, Observe, Make and Innovate. The different activities were given to the students in these three phases. Finally best male participant, female participant and best team awards were given to the participants based on continuous evaluation process. The resource persons for the programme were Mr. Vishal B Kadam: Education Evangelist, Kerala Startup Mission, Prof. Arun J.S: Nodal Officer, Heera IEDC, Prof. Gigi Devasy, Faculty In Charge, Innovation Club, SB School Changanassery, Prof. Sarju S, Nodal Officer, SJCET Startup Bootcamp and Prof. Babusankar S, Mentor in Training, SJCET Startup Bootcamp. The prizes for the winners was distributed by Mr. Vishal B Kadam, Education

Evangelist, Kerala Startup Mission. TALK ON MOZILLA on 5th October 2016 A Technical talk on Mozilla was organized by SJCET Startup Bootcamp jointly with Mozilla Club of SJCET and Computer Society of India SJCET Student Branch on 5th October 2016. Opportunities of Mozilla was elaborated by Mr. Jithin Sha, Mozilla Student ambassador. 60 Students participated in talk. Dr. Sajan Mathew, HoD Computer Science and Engineering, Mr. Deepu Job, Faculty Advisor, CSI SJCET, Mr Sarju S, Nodal Officer, SJCET Startup Bootcamp were present on the session. Awards Received Consolation Prize of 25,000 Rupees in 6th CSI InApp National Student Project Awards 2017 Organized by Computer Society Of India Trivandrum Chapter InApp on 25,26 March 2017. Congratulations to Avees Joseph, Jerin Thomas, Aiswarya Sambath and Anjaly Manuel Final year Computer Science Engineering students who emerged as first runner up of National level student project competition jointly organized by Computer Society of India CSI and In App Solutions. The students successfully completed their project under the guidance of Prof. Smitha Tom HOD,CSE and Asst Prof. Sarju Kottapuram CSE.

SAE Collegiate club SJCET Palai SAE Collegiate club Software Development Center
20240430T04:31:2000:00 SAEINDIA is a professional engineering society whose membership represents practically every engineering and scientific discipline. Its members combine their specialized abilities to further advance the research, development, design, manufacture and utilization of vehicles which operate on land, water, air and space. SAE INDIA is the Indian affiliation of SAE International with its motto The engineering society for advancing mobility Land Sea Air and Space. It is serving as a platform for students to explore globally and to cope up with the advancements in the technoworld. Every year, the society organizes several students based events and programs for their technical knowledge development and to ensure thrust of knowledge gain through its active participation. SAEINDIA Collegiate club of SJCET Pala has started in the year 2011 and thriving its operations through the vibrant student members since then. It was registered under southern section of SAEINDIA and was later counted under Cochin division in 2015. Student members are actively participating in intra collegiate as well as intercollegiate activities organized by

SAEINDIA southern section and SAEINDIA collegiate clubs. Student members of this club are actively participating in events like SAE TREK, BAJA, WORKSHOP, STUDENT CONVENTION, SUPRA, CAREER START and various tier events and have achieved notable accolades. Activities 2023 24 Interactive Session organized by SAEINDIA Collegiate club of St. Josephs College of Engineering Technology SJCTET, Palai, Kerala SAEINDIA Collegiate Club of SJCTET Palai in association with Mechanical Engineering Association of SJCTET Palai organized an interactive session on the title Career opportunities in Marine Field on 20th September 2023 during 11.30 a.m. 12.45 p.m. The targeted audience was SAEINDIA Student members and preregistered B. Tech Mechanical Engineering students. The session was started with the welcome address by Mr. Abhijith M B, S5 ME. The session was moderated by Mr. Albert James, S5 ME. The session started with a few slides on different kinds of ships and has asked the audience to identify the function of each ship. Some got responded. Later he explained the different types, duties of engineers in these ships and the ship functions. He described about the qualities shipping companies expect from engineers. He explained the different levels of engineering positions in Merchant ships, barges, oils ships, offshore duties onshore duties. He also explained about the academic ways to get a job opportunity in leading shipping companies. Interactive Session organized by SAEINDIA Collegiate club of St. Josephs College of Engineering Technology SJCTET, Palai, Kerala SAEINDIA Collegiate Club of SJCTET Palai in association with Mechanical Engineering Association of SJCTET Palai organized an interactive session on the title Career Competency for Mechanical Engineers on 11th April 2023 during 11.40 01.00 p.m. The targeted audience was SAEINDIA Student members and preregistered B. Tech Mechanical Engineering students. The session was started with the welcome address by Mr. Albert Saju. Mr. Alvin Salu introduced resource person and the entire session was moderated by Mr. Gibin Sabu. The session started with a few questions by the resource person Mr. Alen Jose about the practical feasibility of fully Electric EV mobility of INDIA as well as the whole world. He made a real time online survey among the students and the discussion were based on the response of the audience. Alen commented that the conversion of entire ICE system to EV system is almost impossible up to 2040. However, he commented that the technology advancement in the

present era is unpredictable. He informed students that to be good in fundamentals and there are a lot of gap for Mechanical Engineers in automotive industries. Being competent and confident is the only way to suit for industry requirements. Tier 1 competitions organized by SAEINDIA Collegiate club of St. Josephs College of Engineering Technology SJCT, Palai, Kerala SPECTRA 2.0 SAEINDIA Collegiate Club SJCT organized thirteen Tier I completions under the banner name SPECTRA 2.0 during 2 10 November 2023. The competitions were organized according to the rule book provided by SAEINDIA Southern Section SAE TREK 08 and 09 March 2024 Host: St. Josephs College of Engineering and Technology, Palai The SAEIndia Southern Section Cochin Division, in collaboration with the SAEINDIA Collegiate Club of St. Josephs College of Engineering and Technology, Palai, organized SAE Trek on March 8th and 9th, 2024. The trek garnered 44 registrations from across the southern states. The inaugural ceremony started at 9:00 am. Tier 2 competitions hosted at Muthoot Institute of Technology, Puthencruz, Cochin on 26112023 Prize winners of all Tier1 competitions have participated in Tier 2 competitions hosted at Muthoot Institute of Technology, Puthencruz, Cochin on 26th November 2023. SJCT Collegiate club got two first prizes and two second prized and got selected for the Tier3 competitions going to be held as student convention in the month of February or March in 2024. The winners details is published in the following poster. SAE BDC The SAE INDIA southern section society annually conducts the Bicycle Design Competition, where teams design, engineer and prototype a singleseat bicycle from the ground up, for given requirements and within the rules and regulations of the competition. This year, the final phase of the competition was conducted in the first quarter of 2024, on 24th and 25th of February in Tamil Nadu, at Knowledge Institute of Technology, Salem. The initial screening process began from early November 2023, with the evaluation of four technical reports, based on Ideation, Design, Analysis, Cost, and Manufacturing. Mr. Anooplal B. served as the faculty advisor for our team, accompanying us during the offline competition, and Jilse sir was the regional head of the Cochin section and chairman of SAEINDIA from our college, providing necessary help and guidance. The team was led by the captain Benison Benny, and consisted of 5 members: Anson Joy, Emmanuel Sunny, Geo Sunny, and Savio Tomy. A total of more than 60 teams from all over

India had registered for the competition. Over 45 teams participated for the initial round, and our team was one out of the 38 teams participating in the final offstage competition held at Tamil Nadu. There were 8 teams who registered from Kerala, and we successfully reached all the way to the final round of the competition. On Day 1, the event was inaugurated at 9:00 AM, and the competition rounds began after all the Bicycles underwent a weight test. The first round was to compete for disassembling and assembling the whole cycle with maximum 3 members from each team, within the shortest duration. After successfully completing the assemblydisassembly test, our team proceeded to undertake the Uturn and SlowCycle Test, with Savio Tomy driving the cycle and accomplishing the task. Following this, we tackled the Brake Test, which was rode by Geo Sunny, and successfully passed this round as well. Subsequently, our team underwent technical inspection and innovation rounds, marking the conclusion of day one. The following day, we completed the Bump Test and PedalStroke Test, ultimately concluding our participation in the event. By evening, we gathered for the closing ceremony, marking the end of two eventful days of the competition. Looking back, we ideated designed the concept for our cycle, conducted various computational analyses to test our designs, fabricated various components, and learned to work as a team to build and deliver a product within tight deadlines. We successfully completed all the rounds of the competition, and our cycle successfully passed all the physical endurance tests. Throughout the event, we engaged with students and faculty members from various colleges across the country, industry engineers, and other esteemed individuals renowned for their technical expertise. This experience was truly memorable and enriching.

Design challenge competition Venue: Mechanical department block EventInCharge: Mr .Don George Kurian Student Coordinators: KS Adarsh, Annu Rose George

As part of Astra 8.0, SAE conducted a Design challenge competition. The competition began at 2.00 pm in the Mechanical Department Block with four participants. In this competition, the participants has to design a Camera tripod using given equipment at a limited period of time .Sainamol Zakker from Mangalam college of engineering was the winner of this competition.The Competition concluded at 4.00 pm after an exciting session .

Workshop baja buggy Venue: COMPUTER LAB MCA EventInCharge: Dr. Jilse sebastian Student Coordinators: Nikhil Krishnan,

Athul vijay As part of Astra 8.0, Team Tyroveloce Racing conducted a Baja buggy design workshop. The workshop began at 10:00 am in the MCA computer lab with seven participants. It was structured as a twostage program: first, roll cage design using SolidWorks, and second, suspension design using Adams software. In the SolidWorks section, we started by familiarizing participants with the tools and basics of designing. Once everyone was comfortable, we moved on to designing the roll cage. By the end of this stage, we successfully completed the full drawing of the roll cage. In the second section, we began with the basic design of the suspension system using Adams software. Participants learned about the intricacies of suspension design and how to utilize the software effectively. The workshop concluded at 2:30 pm after an engaging and informative session covering both SolidWorks and Adams software.

SAE TREK Venue: Day1: St. Josephs College of Engineering and Technology, Palai Day 2 : Vagamon Kurisumala and Pine Forest The SAE Team consisted of Mr S. Shanmugam Mentor, SAEISS Mr Koshy P Joseph Chairman, Cochin Division Mr Arun Kumar Manager, SAEISS Day 1 The SAEIndia Southern Section Cochin Division, in collaboration with the SAEINDIA Collegiate Club of St. Josephs College of Engineering and Technology, Palai, organized SAE Trek on March 8th and 9th, 2024. The trek garnered 44 registrations from across the southern states. The inaugural ceremony started at 9:00 am. Mr S. Shanmugam led the sessions on Engineering Design. The workshop closed by 6:30 pm. Day 2 The bus with the participants and volunteers left for Vagamon from the Alphonsian Pastoral Institute Pala where participants were stayed on March 8 by 6 am. The hill climb starts by 8.15 reached back at valley by 11.00. The Pine Valley forest exploration was during 11.30 12.45. After lunch, the trek event was concluded by 3 pm with feedback session and distribution of certificates to the participants and the volunteers. Almost all the participants commented the event as excellent.

Tier 3 competitions SAEISS Student Convention SAEISS student convention is considered as one of the National level flagship event of SAEISS as it includes student competitors from all divisions, may be numbered around 1500 participants. Student convention 202324 was hosted at Chennai Institute of Technology, Chennai during 1516 March 2024. Twelve student members participated in Tier3 competitions out of which 11 are winners of Tier2 competitions and 1 to participate in club presentation competition. Its very

proud that two of our teams won First position in the events Mobile App Development and Bridge Building. The winners are: 1 Tomin Joy, Nimitha Joy and Rese RajuCSE Mobile App Development 2 Archa Sathish, Shinto and George Joseph AD Bridge Building Competition ATVC Aravalli Terrain Vehicle Championship organised by INFI LEAGUE MOTORSPORTS at Pune, Venue: Nutan Maharashtra Engineering College Since the End Semester University exams were cashed with SAEINDIA mBAJA competition dates, Team TYROVELOCE RACING with their newly builtup buggy EECO was not able to participate in the same. Therefore, team panned and went for ATVC Aravalli Terrain Vehicle Championship organised by INFI LEAGUE MOTORSPORTS at Pune, Maharashtra. The event was held from March 20th to 24th 2024 at Nutan Maharashtra Engineering College. 38 student members with a faculty member Mr. Anooplal B participated in the event. The team got chance to appear 3 times for Technical Inspection and got good appreciations. However, due certain safety issues, team was not able to reach in finals. Guided by: Dr. Jilse Sebastian, Faculty Advisor, Dept. of ME 2022 23 1: SAEINDIA BAJA 2022 SAEINDIA BAJA is a flagship competition of SAEINDIA which is National Level ATV AllTerrain Vehicle completion which include design, fabrication and vehicle demonstration. This is the biggest ATV competition in India. The competition is elaborated in 2 stages in which the first stage was Virtual BAJA2022 during December 2021 in which our team successfully went through. The second stage BAJA2022 vehicle competition event done during 5 10 April 2022 at NATRIP, Pithampur, Indore, Madhya Pradesh. SJCET BAJA2022 Team TYROVELOCE 3.0 BRAVO include 25 students in which 17 are from final year and 8 from prefinal year, spread up through ME and EEE departments. Mr. Libin Abraham, Assistant Professor, Dept. of Mechanical Engineering has participated in the event as faculty advisor. This is the third ATV team from SJCET Palai. Out 2019 and 2021 teams have participated in the second biggest ATV competition of INDIA Mega ATV Challenge and have identified in top ranks. Our 2022 team reached up to the third stage of the competition out of the four various technical test stages. Our team can be ranked as third among only five teams selected from Kerala. 2: SAEINDIA BAJA 2022 Meet the Team To share the experience of the students who participated BAJA2022 during 5 10 April 2022 at NATRIP, Pithampur, Indore, Madhya Pradesh, a Meet the Team program has

organized. Team captain Salvy Cherian lead the meeting. Each section heads of the team showcased their challenges during the competition and motivated the upcoming team for BAJA 2023 team.

3: SAEINDIA Bicycle Design Challenge 2022 SAEINDIA BDC Bicycle Design Challenge 2022 is a TOPTECH competition of SAEINDIA Southern Section which is a National Level Bicycle Design competition. BDC include design, fabrication and demonstration selfmade bicycle by a team of seven students. The competition is elaborated in different stages of presentations and document submissions in which SJ CET team successfully went through. Only 3 teams from Kerala were able to participate in the demonstration and running competition in which we were the only first time team. SAEINDIA BDC 2022 was held at Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamil Nadu during 21 22 May 2022. Our team Team Pegatron was able to reach up to the final stage and commented as one of the arousing team by the competition host.

4. General Body meeting Selection of Office bearers General Body meeting of SAEINDIA collegiate club of SJ CET is conducted at 04.30 p.m. in seminar hall of Mechanical Engineering Department. Agenda of meeting is selection of office bearers for the current academic year and discussion on club events. The officebearers were lected during the meeting and listed is followed in the table:

5. Team TYROVELOCE RACING with Charley Melukavu for Trial run Seven members of Team TYROVELOCE RACING with Charley nick name of ATV made in 2022 have made a trial run on 02012023 at Melukavu in the planation owned by Adv. Frinso Mathew. The trial run is based on the preliminary study towards the modification of the present ATV Charley model to suit the requirement of agricultural use for carrying fertilisers, agriculture products, heavy tools etc. upward and downward offroads in large plantation areas especially rubber cultivation lands. The team has successfully completed the trial run in the presence of various officials from Grama Panchayat Block Panchayat and farmers. The team sought opinions from officials as well as from other spectators. Team discussions have started to modify the vehicle for agriculture suitable purpose. Link for the news:

6. Team TYROVELOCE RACING with Charley interviewed by Malayala Manorama Karshakasree magazine Malayala Manorama Karshakasree magazine, a leading magazine in Kerala, has organized an interview with Team TYROVELOCE RACING with Charley at the SJ CET

Palai campus on 21/01/2023. Students along with faculty advisors have described about the journey of Team TYROVELOCE RACING since 2018. The detailed view along with the proper news published in Manoarama Karshakasree online media on 30/01/2023.

7. SAEINDIA BAJA 2023 Team TYROVELOCE RACING with newly builtup allwheel drive ATV named Delta has participated in SAEINDIA BAJA 2023 during 5-10 April 2022 at NATRAX, Pithampur, Indore, Madhya Pradesh. The team include 25 students in which 17 are final year students and 8 are prefinal year students. Faculty advisor Dr. Jilse Sebastian also accompanied the team for the competition. The new vehicle Delta got special appreciation from judges during the technical inspection stage. The team has reached up to the third stage of technical inspection rounds. BAJA 2023 organisers arranged opportunities for placement drive through BAT program. All the team members attended the tests and four students placed in core companies through this way.

8. Lecture Meet organized by SAEINDIA Southern Section SAEISS, Cochin Division Date: 30/03/2023 Thursday Venue: St. Josephs Block Seminar Hall Resource Person: Mr. S. Shanmugam, Managing Director, Design Desk India Private Limited, Chennai Topic: EMobility Career Competency SAEISS in association with SAEINDIA Collegiate Club of SJ CET Palai and the Mechanical Engineering Department of the college organized a lecture meet on the title EMobility Career Competency on 30th March 2023 during 2.30-4.00 p.m. The targeted audience was SAEINDIA Student members and a few aspiring second year Mechanical Engineering students who made a college level preregistration. The session was entirely managed by the student volunteers of the collegiate club. Mr. Jeevan Ghosh proposed the welcome address followed by the description of the resource person by Mr. Ajaykrishna K O. The speaker started with the session with the current trend of EV Mobility starting from USA to the status in INDIA. The speaker has mentioned about the change of automotive sector during these days and commented the requirement of young engineers to build up a career in that field. He has discussed the battery technology system of Tesla in detail. During the lecture session itself, there was a few interactive discussions with the students too. In the later portion of the lecture session, speaker cited the opportunities of students competency invocation through student centred events/activities of SAEISS. The lecture meet session concluded by 4.00 p.m. followed by

the vote of thanks proposal by Mr. George Joji. A memento was presented to the resource person by Mr. Tom Zacharia, Assistant Professor, Dept. of Mechanical Engineering, SJCT Palai.

2021-22

Activity No. 1: Mega ATV Championship 2021 SAEINDIA collegiate club of SJCT participated in the Mega ATV Challenge 2021 National Level competition held during 10-13 April 2021 at Querim, Pernem, Goa. The sequence of events goes on as follows: April 7, 2021 :FlagOff of Team Tyroveloce for Mega ATV Championship 2021 from St. Josephs College of Engineering Technology, Palai. Flagged off by Mr. Jame S Ottathil, Team captain of first Mega ATV Championship 2019. Team Tyroveloce Racing from Department of Mechanical Engineering, St. Josephs College of Engineering Technology, Palai breaking the ground at Mega ATV Championship conducted at Pernem, Goa. Team Bravo is the first and only team from Kerala to succeed Safety test, Brake test, Drag Race, and Solo Dirt Race at first attempt. Team Tyroveloce racing of St. Josephs College of Engineering Technology Palai Secured 18th Rank AIR Out of 89 teams competed from all over India in MEGA ATV CHAMPIONSHIP Organised by Auto Sports India held at GOA.

Activity No. 2: Prize in Tier III Competition National Level A team consist of Emmanuel Shaji Mathew and Bilbin Mathew both S6 ME students bagged second prize in Lathe Thread Cutting Taper turning competition of SAEINDIA Southern Section National Competition held during June 2021 conducted in online mode.

Activity No. 3: General Body meeting Selection of Office bearers General Body meeting of SAEINDIA collegiate club of SJCT is conducted at 04.30 p.m. in seminar hall of Mechanical Engineering Department. Agenda of meeting is selection of office bearers for the current academic year and discussion on club events. The officebearers were lected during the meeting and listed is followed in the table:

Activity No. 4: Online lecture meet on Industry 4.0 SAEISS Cochin division in association with SAE Collegiate Club of St. Josephs College of Engineering Technology, Pala, Kerala 28th August 2021. The resource person was Dr. M. Bharathiraja Associate Professor Head Bannari Amman Institute of Technology, Erode. The topic of lecture was Industry 4.0. The session was held in online mode using Gmeet as platform. About 80 students from various Engineering Colleges from Kerala have participated the same.

Activity No. 5: Tier 1 Competitions SPECTRA 2021 Tier1 intracollege competitions are organized during 5th to 22nd of December 2021. Ten

competitions are organized under the title SPECTRA21. The competitions are organized either through online or through offline mode as convenient. A volunteer team formulated to organize the competitions. Individual posters for each events are published. The events concluded on 22/12/2023 in which the results announced and college level prizes are distributed by HOD, ME. 2020-21

Activity No. 1: Efficycle 2020 Every year, at least one team of SJCET Palai participate in the onspot efficycle competition since 2018. SJCET team has a flagship name of TANDEM SQUAD which has versions from 1.0, 2.0 and 3.0. Efficycle 2020 team has the name of TANDEM SQUAD 3.0. Due to the pandemic situation in 2020, the on spot running competition of efficycle is cancelled and the whole competition is organized in virtual mode in which the team should submit two sets of documents and should appear for the live presentation in two stages. The details of the documents submitted and the event dates are listed below:

Activity No.2: Mega ATV 2020 Championship Team TYROVELOCE RACING has registered for the Mega ATV Championship planned to organize at Prenem, Goa during March 2020. The team has designed and fabricated the new buggy named BRAVO. The fabricated buggy has made test run at SJCET Palai main ground for practice of brake test and other TI events. The test drivers were Sen Sabu S8 ME, Abin George S6 ME and Salvy Cherian S4 ME. However, due to the COVID19 pandemic situation in the on spot running competition of Mega ATV 2020 Championship is cancelled and proposed to conduct in 2021.

Activity 3: SAEINDIA Section Awards Mr. Ebin Shibu S8 ME and Mr. Ashish Devasia Edasseril S6 ME have received SAEINDIA Section Foundation award with a cash scholarship of 4000 each for the academic year 2019-20. The awards are achieved for their outstanding achievement as Engineering students in field of Mobility.

Activity No. 4: Tier 1 Competitions For the selection of students for tierII events State Level, the SAEINDIA Collegiate club of SJCET Palai has organized intracollegiate events Tier1 events so that the winners alone are nominated to participate in section tier events. The events conducted are auto quiz, group discussion, mechanical CAD, work holding, welding, paper presentation and how things work. The duration of these competitions was between 15th to 20th of January 2020 during noninstructional hours 04.30-05.00 p.m.. The winners participated in the Tier2 competitions held at TKMCE Kollam and Amal Jyotji CE Kanjirapallay

during March 2020. Due to COVID19 Pandemic situation, office bearers for 2020/21 election was not done. The crew of 2019/20 continued for the year 2020/21.

2019/20 Activity No. 1: 13/14 July 2019
Student team of SJ CET Palai Team Name: TYROVELOCE RACING has participated in Virtual BAJA competition held at Chitkara University Rajpura, Punjab during 13/14 July 2019. The team has presented four segments of presentation roll cage design, suspension analysis, cost analysis and business plan. The team is not selected for next level.

Activity No. 2: 19th/21st July 2019
Team MAC3 from SJ CET Palai qualified in Technical Inspection round of SAEISS Aero Design Challenge 2019 conducted by SAEINDIA Southern section at SRM Institute of Science Technology, Chennai on 19th/21st, July 2019. The team include seven student members and Mr. Babusanker S, Asst. Professor, Dept. of Mechanical Engineering as faculty advisor who has accompanied the team during the event days.

Activity No. 3: 31st July 2019
Lecture meeting: St. Josephs College of Engineering Technology SJ CET Palai hosted the Lecture Meeting of SAEINDIA Southern Section Cochin Division on 31/08/2019 Saturday. The topic of discussion was Internal Combustion Engine Emission Control Technologies. Mr. P. Arjunraj, Manager Powertrain, RD PSA AVTEC Powertrain Pvt. Ltd., Hosur was the resource person for the expert talk.

Activity No. 4: 19th September 2019
Flag Off Efficycle 2019: Efficycle constructed by Team TANDEM SQUAD 2.0 of St. Josephs College of Engineering and Technology, Palai was Flagged Off on 19/09/2019 at 5.00 p.m. in front of Main Block. SJ CET Chairman Msgr. Dr. Joseph Malepparampil made the Flag Off and Fr. Mathew Koramkuzha, Vice Chairman SJ CET has delivered the blessing note in the presence of Dr. J. David, Principal SJ CET Palai. The vehicle was send to Punjab on the same day. The Team has participated at National Efficycle 2019 Competition Organised by SAEINDIA at Lovely Professional University LPU, Punjab during 1/5 October 2019.

Activity No. 5: 1/5 October 2019
Efficycle 2019: Team TANDEM SQUAD 2.0 of St. Josephs College of Engineering and Technology, Palai has participated at National Efficycle 2019 Competition Organised by SAEINDIA at Lovely Professional University LPU, Punjab during 1/5 October 2019. Mr. Anooplal B, Asst. Professor, Dept. of Mechanical Engineering has accompanied the team for the event. The team has successfully completed all the TI Technical Inspection sessions and selected for drive test. However, due to the

brake disc damage during drive test, the team was not able to appear for final endurance test. The team performance has improved positively in comparison to the 2018 team who has reached up to TI 3 session.

Activity 6: 14th October 2019 Office Bearers Selection: The selection of class representatives is conducted during the class hours. From each Mechanical Engineering class, two representatives are selected except final years where only one representative from each class and the crew members are selected from the representatives. The selected crew members for the current academic year 201920 are:

Activity 7: 11th November 2019 SAEINDIA Collegiate club of SJ CET Palai organised an invited talk on the topic Talent and Dream Key to Success on 11th November 2019 at DBIII Seminar Hall during 1.35 4.00 p.m. The resource person for the invited talk was Mr. Basil Eldhose, General Manager, Popular Hyundai Kerala. The meeting started with the welcome address of Dr. Rajesh Baby, Head, Department of Mechanical Engineering and proceeded with the talk by the resource person. The talk was an interactive type in which he has described his life experience with student members. The talk extended for 90 min without tea break. About 100 student members have participated the talk sessions. Students who were the team members of SAEINDIA BAJA completion and Aeromodelling competitions were felicitated by distributing their participation certificates for the corresponding competitions at the end of this talk session.

Activity 8: 14th November 2019 SAEINDIA Collegiate club of SJ CET Palai arranged a placement drive of Popular Hyundai Kerala for the benefit of Mechanical Engineering final year students on 14th November 2019. The drive aimed towards placement segments of service manager, sales manager and plant manager posts at different centers of Popular Hyundai Kerala. Mr. Jobin Jose, HR Manager Popular Hyundai, Ernakulam Head office has led the placement team. The drive started with a preplacement talk by the HR manager followed by direct interview of student in three different segments of service manager, sales manager and plant manager. About 60 students have participated in the placement drive in which almost 22 students have selected for the final interview at head office of Popular Hyundai Kerala.

2018 19 Activity No.1: 27th February to 27th June 2018 A training programme was conducted for the SAE BAJA Team members on Automotive Design and Manufacturing Technology during a period of four months from 27th February to 27th June 2018.

The classes were arranged during the noninstructional hours of working days say 4.45 p.m. 6.45 p.m. and during day time on weekends and holidays. The classes were led by Mr. Anuradh supported by Mr. Vipin Raj from Tahir Sports, Kottarakkara. Based on the training, the student team was prepared for the Virtual BAJA completion. Activity No. 2: 13 14 July 2018 Student team of SJCET Palai Team Name: TYROVELOCE has participated in Virtual BAJA competition held at Chitkara University Rajpura, Punjab during 13 14 July 2018. The team has presented four segments of presentation roll cage design, suspension analysis, cost analysis and business plan. The members of team who participated are listed below: Activity No. 3: August 2018 SAEINDIA Collegiate club has opened a bank account in South Indian Bank, Choondacherry. Name and account no. is SAEINDIA Collegiate club of St. Josephs College of Engineering Technology Palai, 0708053000006138. Activity No. 4: 9th September 2018 General Body meeting of SAEINDIA collegiate club of SJCET is conducted at 04.30 p.m. in room no. DBII 108. Agenda of meeting is selection of office bearers for the current academic year and discussion on club events. The officebearers for academic year 201819 are: Activity No. 5: 18th September 2018 An awareness program was organised about the topic Introduction SAE for the benefit of first year students on 18092019 at Main Block seminar hall during 1.35 p.m. 2.30 p.m. Mr. Ebin Shibu James, S5 Mechanical Engineering student has engaged the seminar session. He has given introduction about SAEINDIA, its sections divisions, benefits of SAEINDIA membership and opportunities of SAE events. Activity No. 6: 26th September 2018 FLAG OFF of the first ever Efficycle constructed by Team TANDEM SQUAD of St. Josephs College of Engineering and Technology, Palai has conducted in front of Main Block of SJCET by 4.40 p.m. on 26th September 2018. SJCET Manager Fr. Mathew Koramkuzha has made the Flag Off and delivered the blessing note. Dr. J. David, Principal SJCET Palai has inaugurated the first ride by cutting the ribbon. The vehicle was send to Punjab on 28th September 2019. The Team will be participating at National Efficycle 2018 Competition Organised by SAEINDIA at Lovely Professional University LPU, Punjab during 913 October 2018. Activity No. 7: 3rd to 11th October 2019 SAEINDIA Collegiate club of SJCET conducted five sets of Tier 1 competitions in intracollegiate level during 3rd to 11th October 2019.

The purpose of organizing Tier1 competitions is to make team selection for Tier2 competitions. The list competitions and the winners are listed below:

Activity No. 8: 9th 13th October 2018 Efficycle2018: Team TANDEM SQUAD of St. Josephs College of Engineering and Technology, Palai has participated at National Efficycle 2018 competition organised by SAEINDIA Northern Section at Lovely Professional University, Punjab during 9-13 October 2018. Mr. Sachin Jose, Asst. Professor, Dept. of Mechanical Engineering has accompanied the team for the event.

Activity No. 9: 9th and 16th February 2019 Thirteen students of SAEINDIA Collegiate club of SJ CET participated in Tier2 competitions organized at TKM College of Engineering Kollam on 9th February 2019. Seventeen students participated in Tier2 competitions organized at RIT Kottayam on 16th February 2019. The winners are: Design CAD 1st Prize Karthik C Nair S8 ME B, Nrupan Sateesh S8 ME B, Ebin Shibu S6 ME A Mobile App Development 1st Prize Reon Saji S6 CSE B, Ron George S6 CSE B Technical Paper Presentation Ebin Shibu S6 ME A, Nevin Mathew S6 ME A The winners were selected for the Tier3 competitions.

Activity No. 10: 15th March 2019 Flag off of first ever AllTerrain Vehicle ATV of SJ CET Palai is conducted on 15th March 2019 at 4.30 p.m. in front of main block. The ATV is Flagged Off by Dr. J. David, Principal SJ CET Palai and Fr. Mathew Koramkuzha, ViceChairman has delivered the blessing note. Team TYROVELOCE will be participating in the National ATV Competition Mega ATV Championship 2019 to be held at Querim,GOA during 18th to 20th March 2019. The vehicle has send to the event venue on the same day.

Activity No. 11: 18th to 20th March 2019 First ever AllTerrain Vehicle ATV team of SJ CET Palai team TYROVELOCE RACING has participated in National Level ATV competition held at GOA during 18th to 20th March 2019. The team consist of 30 students and Dr. Jilse Sebastian as Faculty advisor. The team has successfully completed the three TI sessions. Team ride in all the test drives including Straight race, Mud race and Armageddon race. The team entered the final endurance race and successfully completed six laps each lap 9.4 km before the brakeage of its suspension. The team is listed 36th position in the all India ranking.

Activity No. 12: 29-30 March 2019 Student members who are winners of Tier2 events have participated in SAEINDIA National Convention held at Bennari Amman Institute of Technology, Erode, Tamil Nadu during 29-30 March 2019. Two of our teams have

achieved the prizes in three different events. The prize details are mentioned in the below photograph.

2017 18 Activity No.1: 20th September 2017 A seminar was conducted about the topic Introduction to BAJA and Efficycle competitions of SAEINDIA. Mr. Abhinav Binulal, S5 Mechanical Engineering student has engaged the seminar session. He has given introduction about SAEINDIA, its sections divisions, benefits of SAEINDIA membership and opportunities of SAE events. The seminar was conducted at Main Block seminar hall during 1.10 p.m. 1.30 p.m.

Activity No. 2: 22nd to 28th September 2017 SAEINDIA Collegiate club of SJCT conducted four sets of Tier 1 competitions in intracollegiate level. The purpose of organizing Tier1 competitions is to make team selection for Tier2 competitions organized under Cochin division of SAEINDIA Southern Section at Saintgits College of Engineering, Kottayam. The results of the competitions are:

Activity No. 3: 8th February 2018 A talk was organized about the BAJA SAE and SUPRA SAE on 08022018 at Main Block Seminar Hall during 4.30 pm. 5.30 p.m. The talk was conducted by an expert team from Tahir Sports, Kottarakkara. Mr. Anuradh has lead the session supported by Mr. Vipin Raj followed by the vote of thanks by Mr. Jilse Sebastian, Faculty Adviser, SAEINDIA Collegiate Club of SJCT.

Activity No. 4: 24th February 2018 Students have participated in Tier2 competitions conducted at Saintgits College of Engineering, Kottayam. The list of nominated students for Tier2 competitions are:

Activity No. 5: 15th March 2018 An invited talk was organized on the topic Renewable Energy and Electric Vehicles on 15th March 2018 during 4.00 p.m. 5.30 p.m. at Main Block seminar hall. Resource person was Mr. Georgekutty Kariyanapally, CEO, Kariyanappally Automobiles, Cochin. He has shared his experience on solar utility instruments and has described the assembly of Electric Auto rickshaw manufactured and Kariyanappally Automobiles, Cochin, Kerala. He has contributed one book named Keralam Sourorjathilekkauthored by him to central library of SJCT Palai.

Activity No. 6: 3031 March 2018 Nine students in various teams has participated in SAE INDIA's National Student Convention, hosted by MLR Institute of Technology, Hyderabad, Telangana during 3031 March 2018. Tier3 competitions were organized along with Student National Convention. One of our team constituting Jame S. Ottathil and Allwyn Kuruvilla Ambat, students of S6 Mechanical Engineering secured First position in the Business Plan presentation. They competed against

various colleges and presented their Electric vehicle business plan with a jury including General Manager of Mahindra Electric, Chennai Division. Also Mathew George, student of S6 Mechanical Engineering for securing Third position in CAD drawing.

Financial Report SJCET Palai Auditors Report 20232024 Auditors Report 20222023 Auditors Report 20212022 Auditors Report 20202021 Auditors Report 20192020 Auditors Report 20182019 Auditors Report 20172018 Auditors Report 20162017 Auditors Report 20152016 Internal Finance Audit Report201920 Internal Finance Audit Report202021 Internal Finance Audit Report202122 Internal Finance Audit Report202223

AICTE VAANI SJCET Palai AICTEVibrant Advocacy for Advancement and Nurturing of Indian Languages. , 2024 29 31 . . . , , . . 50 . Date: 29th 31st August 2024 Time: 9.30 AM 4.00 PM Venue: St. Josephs College of Engineering and Technology Palai. Registration Link : for more details, contact: 919895852942, 918590024145

Publications SJCET Palai SJCET Palai HomePublications SJCET Palai Publications SJCET Palai Software Development Center 20180503T11:23:1100:00 SJCET JOURNAL OF ENGINEERING MANAGEMENT ADMISSION BROCHURES NEWS LETTER

SJCETPAAN SJCET Palai SJCETPAAN Software Development Center 20240418T10:21:0600:00 Reg. No. K 2508 SJCET Palai Alumni AssociationN SJCETPAAN was registered on 16th January, 2008 under the 1955 12 of TravancoreCochin Literary Scientific Charitable Society Registration Act with Reg. No. K 2508. The primary mission of SJCETPAAN is to reconnect the alumni with their fellow alumni, institute, and students in the campus. The Association gives its members the opportunity to share experiences and knowledge, by connecting with old and new friends in various countries across the globe. The Association also strives to engage them through various activities among all the stakeholders, to generate impact through several social and academic projects for a

collective growth. SJCETPAAN acts as a conduit for the contributions of the Alumni towards the advancement of fulfilling vision and mission of the Alma mater. All students who complete their course from SJCET and all staff members on the rolls of the College constitute SJCETPAAN. The Association is managed by Executive Committee, consisting of 17 office bearers. Chapters of the Association are currently active at Trivandrum, Cochin and UAE. The Trivandrum chapter was inaugurated on 1st June, 2018 and is currently active with more than 200 members. The Cochin chapter came into existence on 30th June, 2018 and it has around 175 members. The 1st meeting of the UAE chapter was held on 12th December, 2019 at Zabeel Park, Dubai. The UAE chapter has above 100 active members. ALMA MATER St. Josephs College of Engineering and Technology was established in 2002 by the Diocesan Technical Education Trust of the Catholic Diocese of Palai. SJCET, Palai is an AICTE approved college offering professional degree programs in engineering and management courses. SJCET is a constituent college of A P J Abdul Kalam Technological University, Thiruvananthapuram and was formerly affiliated to Mahatma Gandhi University, Kottayam. SJCET, a college with a difference, aims to provide an education that WORKS an education that helps the students in ensuring a challenging and satisfying career after the course. SJCET is dedicated to preserve the ecosystems and live in harmony with nature. We maintain a green and absolutely clean campus. SJCET is one of the best destination for advanced science and technology research, renowned for its academic freedom, excellence in education, and innovative interdisciplinary initiatives. ALUMNI CONTRIBUTIONS Invited Talks SJCETPAAN is keen on the overall grooming of students in the Alma Mater. The Association members extend support in various avenues by offering technical talks in their respective domains of expertise and conducting interactive sessions with students in the College. Such activities help the students to get exposed to current advancements in the realm of Engineering and Management studies. SJCETPAAN, IndustryInstitute Interaction Cell and Department Associations jointly host technical events of this genre in the campus. CE CSE ECE EEE ME CE CSE ECE EEE ME Advisory Boards Eminent Alumni of SJCET are included in Department Advisory Boards so that their expertise and experience are also put to use in formulating academic plans. Resource Persons Those alumni who are experts

in different areas as well as those who are working in elite institutions industries in India and abroad are invited as Resource Persons in FDPs. MoUs SJ CET has signed MoUs with the companies under the initiative of Alumni. Awards Scholarships The Association recognizes and honours achievers among our students by instituting awards scholarships. Beloved Three Endowment Scholarship is awarded to the most meritorious student among all B.Tech. programmes in SJ CET. Beloved Three Memorial Scholarship is in memory of Late Prof. Bobin Joseph P., Tharian K Lal and Solomon Joseph Sebastian. Distinguished Alumni

Brochures SJ CET Palai Brochures Software Development Center 20241211T04:10:4500:00
Prospectus FLYER MBA FLYER MCA FLYER

phdprogramme SJ CET Palai Ph.D. PhD Offered by APJ Abdul Kalam Technological University APJ Abdul Kalam Technological University KTU offers research programmes in various disciplines of Engineering, Technology, Architecture, Basic Sciences and Mathematics, Management and allied Interdisciplinary areas leading to the award of the Degree of Doctor of Philosophy. Categories of Admission There shall be THREE categories of Ph.D. admission as given below: Full time scholars of the University with or without fellowship. Part time scholars who are faculty members of the University Departments or Affiliated College who will be admitted to pursue research towards Ph.D. degree while working. External parttime scholars who work in research organisations or RD centres recognized by APJ Abdul Kalam Technological University for the purpose of external registration. ELIGIBILITY FOR ADMISSION Candidates with Masters degree in EngineeringTechnology, Architecture or a Masters degree by research in EngineeringTechnology with a minimum CGPA of 6.5 are eligible for admission to the Ph.D. program with the stipulation that admission to the Masters program should have been based on a valid GATE score. SCST candidates and differently abled persons are eligible for admission with a minimum CGPA of 5.5 at Masters level to the Ph.D. program . Other conditions remain same as those for the general category candidates. The following are exempted from the requirement of GATE or UGCCSIR NET or

CATJMETXATMATATMAGATEUGC for the purpose of registering for Ph.D. : Candidates with Masters degree in EngineeringTechnology Architecture and having THREE years of teaching experience in AICTE approved colleges or NBA accredited departments. Those with above mentioned educational qualifications and having minimum THREE years experience in a reputed industry as assessed by the University. Candidates who have fellowshipscholarship support from any Government Agency. APPROVED GUIDES Department of Mechanical Engineering Department of Electronics Communication Engineering Department of Computer Science and Engineering Department of Artificial Intelligence and Data Science Master of Computer Applications

Regulation, Curriculum Syllabus SJCET Palai Regulation, Curriculum Syllabus
20240831T05:03:0300:00

Workshops Seminars SJCET Palai Workshops Seminars Software Development Center
20240319T07:39:3800:00 Expert talk on Introduction to Godels Incompleteness Theorem organized by Computer Society of India in association with IEEE Computer Society and ACM SJCET Palai. Resource person : Dr. Sharma V Thankachan, Professor, University of Central Florida, USA Expert talk on Energy, Emission and Climate change by Dr. P.V Aravind, Associate Professor TU Delft, Netherlands. Talk is organized by continuing education and skill development cell in association with MEA and ECSA Technical workshop on AI Perspective in Machine Learning was organized by ASME in association with Mechanical Engineering Association. Resoource person: Dr. Bijoy VT, Research Scientist, SSAINASA, Virginia, USA One day 3D Printing workshop organized by the Department of Mechanical Engineering in association with SJCET ASME chapter. 24th march 2018 Technical talk series from Liquid Propulsion Systems Center, ISRO, Trivandrum. Invited talk is organized by the Department of Mechanical Engineering in association with ASME SJCET chapter and SAEINDIA. 21st March 2018 Invited talk on Renewable Energy and Electric Vehicles organized by the Department of Mechanical Engineering in association with SAEINDIA.Resource person Mr. Georgekutty Kariyanapally. 15th March 2018 Kitco Ltd in association with SJCET School of

Management and Startup Bootcamp SJCET IEDC organized a three day Awareness Camp on Entrepreneurship 14th March 2018 to 16th March 2018 Invited talk on Fourth Industrial Revolution and Emerging Job Trends by Dr. Mendus Jacob, CEO IPSR Solutions Ltd. Organized by Department of Computer Science Engineering. 12th March 2018 Anonymous One day Cyber Security Workshop. Resource Person : Subhash Babu, Deputy Commandor, Cyberdom Organized by Department of Computer Science Engineering in association with SJCET Startup Bootcamp IEDC 18th February 2018 Orientation seminar on BAJA SAE by Tahr Sports. organized by the Department of Mechanical Engineering in association with SAEINDIA 8th February 2018 IDEATION workshop organized by Kerala Startup Mission in association with ICT Academy of Kerala and Startup Bootcamp SJCET IEDC. 2nd 3rd February 2018 Workshop on Django opensource web framework in Python organized by International Centre for Free and Open Source Software jointly with Swanthara , Mozilla SJCET, Startup Bootcamp SJCET IEDC and Department of Computer Science Engineering. 19th 20th January 2018 Technical session on Agile Development organized by ACM SJCET jointly with Startup Bootcamp SJCET IEDC and Department of Computer Science and Engineering. Resource person :Mr. U.S Vineesh,Wipro, Bangalore. 12th January 2018 IIT Madras SAMPARK organized by Department of Mechanical Engineering 22nd December 2017 ASME Pre Inauguration talk on Quality Analysis in Rolls Royce by Mr. Abraham Tholathu Lean Sigma Black Belt at Rolls Royce, Derby, UK. organized by Department of Mechanical Engineering 20th December 2017

Mentoring and Advising SJCET Palai Mentoring and Advising Software Development Center 20240320T09:21:5900:00 Counselling can offer you a space to talk and think about problems and difficulties, and many people find it helpful to be able to do this with someone who is not a friend or family member. Counsellors are not the same as doctors and psychiatrists, and cannot prescribe medication. Counselling is not about giving advice, but can help you understand difficulties. Your counsellor can work with you to help you make decisions and changes that may work better for you. Counseling by experts are available in SJCET for students having problems with their studies and

personal habits. Sr. Theresia Joice Varghese M.Sc. Counselling Psychology Dr. Sr. Prashanthi, BSc, MBBS DPM, DVDConsultant Psychiatrist Dermatologist Dr. D. George, DMSP, MApsy.Ph.D., FIACP Consultant Clinical Psychologist Ms. Mathew Henah Binny Counseling Psychologist The methodology followed in SJCET for the student Counseling is unique and fruitful since very many years. We do have followup sessions in needed cases and it is up to the discretion of the counselor. As a result we see some noticeable changes in the behavior of our students and their confidence level and their ability to work hard has increased considerably. If you fail, never give up because F.A.I.L. means first Attempt In Learning End is not the end, in fact E.N.D. means Effort Never Dies If you get No as an answer, remember N.O. means Next Opportunity. So Lets be positive. Dr. A.P.J. Abdul Kalam of feel LIFE ISTE STTP on Guidance and Counselling Indian Society for Technical Education ISTE Staff Chapter, St.Josephs College of Engineering Tech. Palai in association with ISTE, Kerala Section has organized a five day short term training programme on Guidance and Counselling. This workshop aims at Strengthening the expertise and confidence of teaching professional in guidance and counselling To make mentoring more effective.

Computer Science Engineering Artificial Intelligence SJCET Palai Computer Science Engineering Artificial Intelligence Software Development Center 20241114T03:40:2200:00 About the Department Established in the year 2024, the Department of Computer Science and Engineering Artificial Intelligence is a pioneering addition to our institution, dedicated to fostering the next generation of AI experts, researchers, and innovators. The department is dedicated to advancing the field of AI through excellence in education, and innovation. we are committed to building a vibrant community focused on excellence in AI education, research, and industry collaboration. The department is dedicated to nurturing talent, fostering innovation, and advancing research in artificial intelligence, aimed at equipping students to lead and contribute to technologydriven transformations across industries. Our mission is to equip students with cuttingedge knowledge, handson skills, and an ethical mindset to excel in the rapidly evolving field of Artificial Intelligence. Our facilities provide students with the opportunity to work on realworld projects using the latest technology. The

Department of Computer Science and Engineering Artificial Intelligence invites you to embark on an educational journey with us, combining academic rigor with a focus on innovation and societal impact.

Program Details

B.Tech in Computer Science and Engineering Artificial Intelligence

The Bachelor of Technology B.Tech in Computer Science and Engineering with a specialization in Artificial Intelligence

AI is designed to equip students with a strong foundation in computer science, engineering principles, and a deep specialization in artificial intelligence. This program is structured to provide students with theoretical knowledge and hands-on skills to develop, analyze, and implement AI systems that can solve complex real-world problems. With a growing demand for AI expertise across industries, this program prepares students to take on roles in sectors such as software development, data science, machine learning engineering, robotics, healthcare technology, and research. The curriculum includes both foundational courses in Computer Science and advanced courses focused on machine learning, deep learning and AI ethics.

Artificial Intelligence And Data Science

SJCET Palai Artificial Intelligence And Data Science

Software Development Center

20240619T10:43:1100:00

About the Department Established in 2020 with an initial intake of 60 students, the Department of Artificial Intelligence and Data Science offers a graduate program that has been approved by the All India Council for Technical Education AICTE and is affiliated with APJ Abdul Kalam Technological University KTU. The department is equipped with state-of-the-art infrastructure and possesses a well-qualified, experienced, and dedicated faculty team. The department's success is attributed to the innovative and creative outlook of its students, who actively participate in co-curricular activities, such as IEEE, and extracurricular activities, such as sports and social events, throughout the academic year. The department also facilitates technology-enabled learning, with students actively participating in NPTEL and coding project competitions across the country.

VISION MISSION PEO PSO PO COPO Mapping

VISION To achieve excellence in artificial intelligence and data science to cater the ever-changing industrial and socioeconomic needs.

MISSION To provide high-quality and value-based technical education in Artificial Intelligence and Data Science program. To establish an infrastructure fostering

industry/institute interaction in order to meet global expectations and requirements. To empower students to become globally competent and effective problem solvers to develop entrepreneurial skills and higher studies.

PEO Program Educational Objectives

PEO1: The graduates will have ample logical, computing and analytical reasoning capability to excel in the industries as data scientists, computer professionals and researchers or as entrepreneurs.

PEO2: The graduates will be able to adapt with recent technological advancements and evolving industrial trends by utilizing their computer engineering and mathematical skills.

PEO3: The graduates will portray strong ethical values and an overwhelming spirit of social commitment to accentuate societal growth.

PSO Program Specific Outcomes

PSO1: The graduates of the program will apply the computational knowledge and algorithmic principles of artificial intelligence and data science to bring in optimal solutions to complex computational problems through the development of innovative AI based applications.

PSO2: Demonstrate ethics in artificial intelligence and data science while implementing scientific techniques to integrate intelligent systems.

PO PROGRAMME OUTCOMES

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using the first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the

consequent responsibilities relevant to the professional engineering practice. PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. PO12: Lifelong learning: Recognize the need for, and have the preparation and ability to engage in COPO Mapping

PROGRAM DETAILS Artificial Intelligence and Data Science Artificial Intelligence AI and Data Science DS are distinct but complementary fields that have become increasingly important in recent years.AI involves creating machines that can simulate human intelligence processes, while DS focuses on extracting meaningful information from data to solve realworld problems. Together, AI and DS comprise a new interdisciplinary field that draws on various domains, such as engineering science, statistics, cognitive science, computing, health science, and information science. Students in this field learn how to design and implement AI and DSbased solutions for engineering and business problems, including machine learning, data visualization, semantic web and social network analytics, blockchain technologies, and data security and privacy. Big data solutions have changed the way in which business models are built and run. This program is ideal for those looking to develop intelligent engineering systems and business solutions in the age of big data. Result

202324 Odd Semester PROFESSIONAL SOCIETIES AND ASSOCIATIONS THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS IEEE IEEE opens the door to opportunities that will help students to develop their professional identity in IEEEs designated fields of interest:

sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers.

ADSA Artificial intelligence and Data Science Students Association The Department of Artificial intelligence and Data has science is a newly involved department of this Institution. Education is simply the soul of a society as it passes from one generation to another. Commemorating the quote of a famous American civil rights activist, A word as to the education of the heart, we don't believe that this can be imparted through books, it can only be imparted through the loving touch of the teacher, ADSA was proposed with the objective to organize various activities that consists of drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department.

INITIATIVES BEYOND THE CLASS ROOM

Mentor System Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with students, orients them to college practices, follows their progress regularly and guides them throughout the four-year course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps the parents to keep track of their child and their academic performance.

Remedial Education The students with backlogs have a heavy load as they must take exams simultaneously for both the new semester's subjects as well as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the four-year engineering course. To help our students from such situations, remedial classes are provided by the AI DS department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease.

Placement Training Placement training is an integral part of the department's curriculum in the college, aimed at preparing Artificial Intelligence and Data Science students for the competitive job market. The AD department organizes comprehensive workshops and seminars to enhance students' employability skills. These

sessions cover various aspects such as resume writing, interview techniques, and professional etiquette. The college also invites industry experts and professionals to conduct mock interviews and provide valuable feedback to students. Additionally, the department facilitates internships and industry collaborations to expose students to realworld scenarios and foster practical knowledge. The ultimate goal of placement training is to ensure that students are well-equipped and confident to secure lucrative job opportunities upon graduation.

LEARNING MANAGEMENT SYSTEM

Learning Management System LMS designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. Visit [Here](#) NPTEL Local chapter

NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJ CET Palai is now a Local Chapter of NPTEL. The students of SJ CET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJ CET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs.

Coursera Campus Response Initiative

Courseras mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJ CET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost.

DEPARTMENT LEVEL COMMITTEES

DQAC

Sl. No.	Name	Designation	Role
1	Dr Renjith Thomas,	Associate Professor	Head Chairman
2	Mr Jacob Thomas,	Assistant Professor	Coordinator
3	Ms Jabin Mathew,	Assistant Professor	Member
4	Ms Neena Joseph,	Assistant Professor	Member
5	Mr. Adarsh C Ravi,	Lab Instructor	Member

Stream Coordinators

Sl. No.	Name	Stream	Odd	Even	Course Code	Name of Course
1	DATA SCIENCE	ODD	ADT 301	FOUNDATIONS OF DATA SCIENCE	MS. NEENA JOSEPH	MS. LAKSHMI G
2	EVEN	ADT 302	CONCEPTS IN BIG DATA ANALYTICS	MS. NEENA JOSEPH		
3	EVEN	CST 466	PROGRAM ELECTIVE IV	DATA MINING	MS.	

NEENA JOSEPH 4 EVEN ADT 402 BUSINESS ANALYTICS MS LAKSHMI G MS. NEENA JOSEPH 5 EVEN AIT 362 PROGRAM ELECTIVE I PROGRAMMING IN R MR. DHEERAJ N 6 ARTIFICIAL INTELLIGENCE ODD CST 283 MINOR PYTHON FOR MACHINE LEARNING MS. PRETTY JOY MR. JACOB THOMAS 7 ODD AMT 305 INTRODUCTION TO MACHINE LEARNING DR. RENJITH THOMAS 8 ODD CST 383 MINOR CONCEPTS IN MACHINE LEARNING MS. ASWATHY JAMES 9 ODD AIT 307 INTRODUCTION TO ARTIFICIAL INTELLIGENCE MS. NEETHU TOM DR. RENJITH THOMAS 10 EVEN CST 438 PROGRAM ELECTIVE V IMAGE PROCESSING TECHNIQUE MS. LAKSHMI G 11 ODD AIT 401 FOUNDATIONS OF DEEP LEARNING MS. LAKSHMI G MS. PRETTY JOY 12 EVEN CST 474 PROGRAM ELECTIVE III COMPUTER VISION MR. DHEERAJ N MS. NEETHU TOM 13 EVEN CST 444 PROGRAM ELECTIVE III SOFT COMPUTING MS. NEETHU TOM MS. ASWATHY JAMES 14 EVEN AIT 304 ROBOTICS AND INTELLIGENT SYSTEM DR. RENJITH THOMAS MS NEENA JOSEPH 15 ODD AIT 443 PROGRAM ELECTIVE II CONCEPTS IN COMPILER DESIGN MS. NEENA JOSEPH MS. JABIN MATHEW 16 SECURITY IN COMPUTING EVEN CST 394 HONOURS NETWORK SECURITY MS. NEETHU TOM MS. JABIN MATHEW 17 ODD CST 393 HONOURS CRYPTOGRAPHIC ALGORITHMS MS. PRETTY JOY 18 COMPUTATIONAL BIOLOGY ODD AIT 497 HONOURS COMPUTATIONAL HEALTH INFORMATICS MS. ASWATHY JAMES MR. DHEERAJ N 19 EVEN CST 468 PROGRAM ELECTIVE V BIOINFORMATICS MS. ASWATHY JAMES

OUR STRENGTH PLACEMENT DETAILS DEPARTMENTAL ACTIVITIES

Sl. No.	Area of Training	No. of students attended	Mode	Period of training
1	Industry Institute Interaction Session	60	Offline	June, 2023
2	Talk on Importance of Internship selection based on the area of Cyber security	59	Offline	April, 2023
3	Python programming and statistical modelling	59	Offline	March, 2023
4	Handson Workshop on AIML MATLAB toolkit and Applications	45	Online	March 1, 2023
5	Discussion on Latest trends and Developments in AI	45	Online	March, 2023
6	Talk on Project Selection and Implementation	60	Offline	February, 2023
7	Introduction to Deep Learning	50	Online	November 1, 2022
8	Practical Introduction to Machine Learning	55	Online	November, 2022
9	Introduction to Machine Learning	60	Offline	October, 2022
10	Opportunities in AI fields	120	Online	

September, 2022 Online Workshop was conducted based on the topic Introduction to Machine Learning by Deepu Sasi on 14th April 2023. Online webinar was conducted based on the topic Basics of Python by Ajay T Shaju on 4th April 2023. Online webinar was conducted based on the topic Latest trends and developments in AI by Mr. Karthik K on 7th March 2023. Online webinar was conducted based on the topic Introduction on Toolkits of AIML by Mr. Rakshith Kashyap on 4th March 2023. Offline Workshop was conducted based on the topic Introduction to Python Programming and Statistical Modelling by Mr. Akshayraj M R and Muhammed Raees on 2nd and 3rd March 2023. A talk on Mini Project Presentation was conducted by Mr.Sarju S Assistant Professor of Computer Department on 9th February 2023. Offline Workshop was conducted based on the topic Basics of Matlab Python by Mr. Akshayraj M R and Muhammed Raees on 14th15th and 21st22nd October 2022. ACHIEVEMENTS Staff Staff Publications C. S. Kingsly, N. George, N. Joseph, K. Johnpeter, S. K. Joseph and K. A. Mohamed Riyazudeen, Wireless IoT Security Management Enhancement and Optimization using Various Elements, 2023 5th International Conference on Smart Systems and Inventive Technology ICSSIT, Tirunelveli, India, 2023, pp. 555561, doi: 10.1109/ICSSIT55814.2023.10060989. V. Deepa, C. S. Kumar and T. Cherian, PreTrained Convolutional Neural Network for Automated Grading of Diabetic Retinopathy, 2022 First International Conference on Electrical, Electronics, Information and Communication Technologies ICEEICT, Trichy, India, 2022, pp. 15, doi: 10.1109/ICEEICT53079.2022.9768480. Neethu Maria John, Neena Joseph , Nimmymol Manuel , Sruthy Emmanuel , Simy Mary Kurian, Efficient data aggregation and improved prediction in cooperative surveillance system through Machine Learning and Particle Swarm based Optimization, EAI Endorsed Transactions on Energy Web, 03 June 2021, doi: 10.4108eai.362021.170014 V. Deepa, C. S. Kumar, T. Cheriyan, Ensemble of multistage deep convolutional neural networks for automated grading of diabetic retinopathy using image patches, J. King Saud Univ., Comp. Info. Sci., May 2021. doi.org10.1016 j.jksuci.2021.05.009. Elsevier publications SCIE, IF: 13.473 V. Deepa, C. S. Kumar, S. Susan Andrews, Fusing dualtree quaternion wavelet transform and local meshbased features for grading of diabetic retinopathy using extreme learning machine classifier, Int. J. Imaging Syst. Technol., April.

2021. doi: DOI:10.1002/ima.22573. Wiley Online Library SCIE, IF:2.0 Deepa V, Sathish Kumar C, Cherian T. Automated grading of diabetic retinopathy using CNN with hierarchical clustering of image patches by siamese network. Phys Eng Sci Med. 2022 Jun;45(2):623-635. doi: 10.1007/s13246-022-01129-z. Epub 2022 May 19. PMID: 35587313. Conference FDP Seminars/Workshops Attended Prof. Neena Joseph successfully completed 5 days Faculty Development program on The Intelligent Future: Unlocking the Potential of Artificial Intelligence organised by Department of Electronics communication Engineering, Mangalam college of Engineering, from 3rd to 7th July 2023. Dr. Deepa V successfully completed 5 days Faculty Development program FDP cum workshop on Next Generation computing paradigms for Big Data Applications at IIIT Kottayam from 5th June to 9th June 2023. Prof. Jacob Thomas has participated and successfully completed ISTE approved online SFSTTP FDP programme on Electrical Vehicle organized by DKTES Yashwantrao Chavan Polytechnic, Ichalkaranji, Maharashtra from 23rd to 25th March 2023. Prof. Jacob Thomas has participated and successfully completed FDP on Distributed Computing organised by Department of Computer science and Engineering, at Sree Narayana Gurukulam College of Engineering from 30th January to 1st February 2023. Prof. Jacob Thomas has participated and successfully completed KTU sponsored five day faculty development programme on Blockchain Technology its applications organised by Department of Computer science and Engineering, St. Josephs college of Engineering and Technology, Palai from 16th to 20th January 2023. Prof. Shency Paulose has participated and successfully completed KTU sponsored five day faculty development programme on Blockchain Technology its applications organized by Department of Computer science and Engineering, St. Josephs college of Engineering and Technology, Palai from 16th to 20th January 2023. Prof. Minu Cherian has participated and successfully completed KTU sponsored five day faculty development programme on Blockchain Technology its applications organized by Department of Computer science and Engineering, St. Josephs college of Engineering and Technology, Palai from 16th to 20th January 2023. Dr. Deepa V successfully completed 1 week Faculty Development program FDP on Statistical and Machine Learning Techniques with Applications at IIIT Kalyani from 2nd to 6th January 2023. Prof. Minu Cherian

has participated and successfully completed ten days faculty development programme on Deep Learning: Models and use cases using Python organized by Indian Institute of Information Technology Kottayam from 12th DEC to 21st DEC. Prof. Shelcy Paulose has participated and successfully completed ten days faculty development programme on Deep Learning: Models and use cases using Python organized by Indian Institute of Information Technology Kottayam from 12th DEC to 21st DEC. Prof. Minu Cherian has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Prof. Shelcy Paulose has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Prof. Jabin Mathew has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Dr. Deepa V has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Prof. Minu Cherian participated in a webinar series on Data science and Machine learning in Real world, conducted on September 14th 2022 by IIIT Kottayam. Prof. Shelcy Paulose participated in a webinar series on Data science and Machine learning in Real world, conducted on September 14th 2022 by IIIT Kottayam. Prof. Preema Theresa Varghese has participated in the FDP on AI ML Industry practices and Perspectives conducted by TCS from 12th September to 16th September 2022. Ms Jabin Mathew participated and successfully completed 1 week International FDP on Advanced research and quality publication at FISAT from 29th August to 2nd November 2022. Prof. Preema Theresa Varghese has participated and successfully completed 1 week International FDP on Advanced research and quality publication at FISAT from 29th August to 2nd November 2022. Prof. Jabin Mathew has attended TEQIP II three days online FDP on Demystifying

Cyber Security from 29th august to 31st august 2022. Prof. Preema Theresa Varghese has attended TEQIPII three days online FDP on Demystifying Cyber Security from 29th august to 31st august 2022. Dr. Deepa V has attended KTU sponsored FDP five days online FDP on Online FDP on Practical Data Science from 19th august to 23st august 2022. Dr. Deepa V has attended 5 days FDP organized by IIIT, Sri City on WADLA 2.0 Research Workshop on Advances in Deep Learning and Applications from 21st to 25th February 2022. Dr. Deepa V has attended 5 days FDP organized by NIT, Jalandhar on Online shortterm course on Advanced Techniques of Material Characterization for Research from 25th to 29th October 2021. MOOCOnline Certifications Deepa V successfully completed NPTEL online certification on Introduction to Machine Learning. Deepa V successfully completed NPTEL online certification on Deep Learning. Jabin Mathew successfully completed NPTEL online certification on Python for Data Science. Preema Theresa Varghese successfully completed NPTEL online certification on Python for Data Science. STUDENTS Joseph Varkichen of S6 AD successfully participated in Hackabot organized by SJCET Palai on 30th April 2023. Gouri S Govind of S6 AD successfully participated in Hackabot organized by SJCET Palai on 30th April 2023. Deeptha Shaji of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Thushar Thomas Thakadipurath of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Ajay T Shaju of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Aleena James of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Saira Susan John of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Ajay T Shaju of S6 AD successfully completed EBSCO training on EBSCO hostGeneral on 27th April 2023. Hrudya N Nair of S6 AD has participated in Arduino simulation using Tinkercad conducted by IEEE RAS SBC LBSITW on 5th April 2023. Alaika Shaji of S6 AD successfully participated in QUIZTOPIA,quiz competition organized by college of engineering,Kidangoor on 22nd March 2023. Ashly Elizabeth Joseph of S6 AD has participated in Python workshop organized by IEEE SB SJCET Palai. Deeptha Shaji of S6 AD has participated in Python workshop organized by IEEE SB SJCET Palai. Ajay T Shaju of S6 AD

successfully participated in TRACCIA, organized by IEEE SB SJCET Palai on 27th February 2023. Jaidon Gill Shajan of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Jayasankar Shyam Shajan of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Ajay T. Shaju of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Priyan V of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Hashif V of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Hrudya N Nair of S6 AD has participated in Python workshop organized by IEEE SB SJCET Palai. Jaidon Gill Shajan of S5 AD is being selected as the UiPath Student Developer Champion 202223. Jubi Babu from S3 AD participated in a workshop on contemporary development in Alat Zoyola college campus in Trivandrum. FACULTY ACHIVEMENTS FACILITIES Artificial Intelligence Data Science Lab Library and Reprograhic Centre Machine Learning and Deep Learning Lab PROJECTS BY STUDENTS NEWS LETTER

Computer Science Engineering Cyber Security SJCET Palai Computer Science Engineering Cyber Security Software Development Center 20250313T09:16:1400:00 About the Department B. Tech. Bachelor of Technology in Computer Science and Engineering Cyber Security is a 4 years duration undergraduate degree program offered by the St. Josephs college of Engineering Technology, SJCET. Cyber Security is a specialized area, thats regarded as a sub stream in Computer Science and Engineering. Cyber Security courses aims to equip students with the knowledge and skills required to defend the computer operating systems, networks and data from cyberattacks. In regard to the changing trends and needs in our cyberspace, cyber security will continue to grow as obligatory technology, to stay digitally connected. Cyber Security as a profession is evolving through the years, reason being the increasing rate of cybercrimes. Any industry that transacts online or incorporates sensitive data is in need of a Cyber Security expert to guard its data from such delinquents. Our online world being a common platform which is accessed by all people from every

nook of the world, the scope of cybersecurity is similarly spread throughout the globe. Ultimately this programme will yield next generation cyber security leaders who can be efficaciously employed in various sectors of industries, business corporations, government agencies, authoritys groups, financial bodies, and academic and educational institutions.

Vision Mission PEO PSO COPO Mapping Vision To become a globally recognized hub of excellence in Cyber Security education and research, while upholding the distinctive values of the Institute Mission Education: To provide the comprehensive teaching of a cuttingedge and globally relevant curriculum in Cyber Security within a conducive and innovative learning environment. Faculty Excellence: To cultivate a cadre of dedicated, highly competent, and researchdriven faculty members, passionate about advancing the field of cybersecurity and delivering highquality instructions. Collaboration: To actively collaborate with industry leaders, organizations, and government agencies in the development and application of cybersecurity solutions, while ensuring our educational offerings meet the evolving needs of society. PEO Effective Communication and Collaboration: Graduates will collaborate with the external world enabling costeffective problemsolving to realworld challenges. Leadership and Excellence: Graduates will lead in Cyber Security, demonstrating professional excellence in safeguarding digital assets and addressing cyber threats Lifelong Learning and Ethics: Graduates will commit to lifelong learning in the field of cyber security, continually enhancing their skills, while upholding the highest ethical standards. PSO Technical Proficiency and Security Assessment: Students will be able to understand and identify vulnerabilities and assess risks in the cyber realm. Security Implementation: Students will be able to design and implement security solutions to protect data, systems, and networks from cyber threats. COPO Mapping PROGRAM DETAILS Computer Science Engineering Cyber Security Cyber Security is a specialized area, thats regarded as a sub stream in Computer Science and Engineering. Cyber Security courses aims to equip students with the knowledge and skills required to defend the computer operating systems, networks and data from cyberattacks. In regard to the changing trends and needs in our cyberspace, cyber security will continue to grow as obligatory technology, to stay digitally connected. Cyber Security as a profession is evolving through the years, reason being the increasing rate of cybercrimes. Any

industry that transacts online or incorporates sensitive data is in need of a Cyber Security expert to guard its data from such delinquents. Our online world being a common platform which is accessed by all people from every nook of the world, the scope of cybersecurity is similarly spread throughout the globe. Ultimately this programme will yield next generation cyber security leaders who can be efficaciously employed in various sectors of industries, business corporations, government agencies, authoritys groups, financial bodies, and academic and educational institutions.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS IEEE IEEE opens the door to opportunities that will help students to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers.

INITIATIVES BEYOND THE CLASS ROOM Mentor System Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with students, orients them to college practices, follows their progress regularly and guides them throughout the fouryear course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps the parents to keep track of their child and their academic performance.

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Placement Training Department offers intense placement training on regular basis.

LEARNING MANAGEMENT SYSTEM Learning Management System LMS designed to complement classroom

instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. Visit Here NPTEL Local chapterNPTEL Local chapter NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. Coursera Campus Response Initiative Courseras mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJCET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost.

OUR STRENGTH

Department of Computer Science and Engineering SJCET Palai Department of Computer Science and Engineering Software Development Center 20250325T09:59:2600:00 UPDATES Computer Science Empowers Students to Create the World of Tomorrow Satya Nadella The Department of Computer Science and Engineering was established in the year 2002 and since its inception, the department has progressed with a vision and a strong commitment in developing competent Engineers with uncompromising standards of excellence in training, both through class room sessions and hands on sessions. The Department is equipped with competent and dedicated faculty members who are expertise in the current technologies. The department strives for uplifting the skill of the students to bring out innovative ideas from them with professionalism and ethical values. The department offers BTech accredited by NBA, MTech and PhD programmes. The department is a recognized research centre of APJ Abdul Kalam Technological University, Thiruvananthapuram. The department has been maintaining an active interaction with the professional bodies like

Computer Society of India and IEEE CS. VISION MISSION PEO PSO COPO Mapping PG POs PG PSOs

VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society.

MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various programs periodically To acquire selfsustainability and serve the society through research and consultancy

PEO

PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs.

PEO2: The graduates will have the ability and attitude to adapt to emerging technological changes.

PEO3: The graduates will be able to pursue higher education and research.

PSO After Successful Completion of the programme, the graduates will be able to

PSO 1: Analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.

PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems.

COPO

Mapping PG POs

PO1: An ability to independently carry out researchinvestigation and development work in engineering and allied streams

PO2: An ability to communicate effectively, write and present technical reports on complex engineering activities by interacting with the engineering fraternity and with society at large.

PO3: An ability to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program

PO4: An ability to apply stream knowledge to design or develop solutions for real world problems by following the standards

PO5: An ability to identify, select and apply appropriate techniques, resources and stateoftheart tool to model, analyse and solve practical engineering problems.

PO6: An ability to engage in lifelong learning for the design and development related to the stream related problems taking into consideration sustainability, societal, ethical and environmental aspects

PO7: An ability to develop cognitive load management skills related to project management and finance which focus on Entrepreneurship and Industry relevance. PG

PSOs After Successful Completion of the programme, the graduates will be able to PSO1: Conduct research and development in computer science independently, demonstrating innovative thinking and problemsolving skills. PSO2: Develop wellstructured technical reports and presentations to effectively communicate concepts and research findings. PSO3: Demonstrate the ability to critically analyze existing research in the field of computer science, identify gaps, and propose novel solutions, contributing to the advancement of knowledge.

Find us on PROGRAMS WE OFFER An Engineering program which seamlessly articulates the concepts from basic science to technology with relevant practice through lab and projects for building the problem solving skills, keeping industry requirements in place. Students will develop competence in areas like Programming, Database Management Systems, Networks and Security, Operating Systems, Cloud Computing etc. To enable the students to keep pace with changing technological advances, the university has industrial tieups with Oracle and SAP. Studying these courses as a part of the curriculum would provide a WILD CARD entry to industry.

M.Tech. Computer Science and Engineering Learners are matured in a specific area of specialization by extending their prior knowhow through meticulous set of advanced courses with a dissertation to showcase their research potential. The focus for thesis is to solve an industry centric problem.

Ph.D. Computer Science and Engineering The Ph.D. in Computer Science and Engineering is a research degree which culminates in a unique dissertation that demonstrates original and creative research. The program has been designed to help the research scholars to gain an indepth understanding of a specialized subject related to computer science. This would allow them to predict developments and make contributions in area of expertise. The research scholars pursuing the Ph.D.degree are provided with an environment and facilities that help to develop analytic and research skills to define the research problems, to study advanced knowledge base to discover innovative solutions available till date. They are also provided with opportunities to practice consultation so as to facilitate innovative change in organizations, communities, and society.

INITIATIVES BEYOND THE CLASS ROOM NPTEL LOCAL CHAPTER NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is

now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. More LEARNING MANAGEMENT SYSTEM Learning Management System LMS is designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. LMS 2.0 LMS 1.0 SPOKEN TUTORIAL REMOTE CENTER SJCET Palai is the resource center for promoting Spoken Tutorial Project IIT Bombay, an initiative of National Mission through ICT, MHRD, Govt. of India. The Spoken Tutorial Project is the initiative of the Talk to a Teacher activity of the NMEICT. SJCET Palai SPOKEN TUTORIAL REMOTE CENTER will be conducting workshops on Linux, Scilab, PHP MySQL, Python, Java, CC, OpenFOAM, Blender, KTurtle, OScad, GIMP etc. Department of Computer Science Engineering coordinating this in the college. More SOFTWARE DEVELOPMENT CENTER Software Development Center in SJCET has started in 2016 as a part of Make in SJCET movement. SDC flourishes under the auspices of the Computer Science Engineering department of St. Josephs College of Engineering and Technology, Palai as a part of Make in SJCET movement. It addresses not only the technology developing needs of the host college but also provides technical assistance and technology development for external clients as well. More Google Cloud Career Readiness Program SJCET Palai announces participation in the Google Cloud career readiness program. The Google Cloud career readiness program enables students of all backgrounds the ability to prepare for cloud careers by building deep expertise through industryrecognized training, skill badges, and certifications. TRAINING PARTNER Red Hat Academy turns academic institutions into centers for enterpriseready talent by outfitting them with Red Hat Training. This comes in the form of handson instruction, curriculum, labs, performancebased testing, and instructor support. SJCET Palai is a GitHub Campus Get ready to explore the worlds leading software development platform Being one of the ten official GitHub Campus program partner Colleges in Kerala, SJCET has strengthened its hightech programming

curriculum. Our partnership with GitHub now enables the students to get free access to the GitHub Student Developer Pack. This streamlines the move from theoretical into practical skills, as well as gives realworld tools needed in the tech trade. UiPath Academic Alliance Collaboration with UiPath, a leading Robotic Process Automation vendor. This Collaboration empowers students with automation skills on campus through specially designed Robotic Process Automation RPA curricula, the UiPath software platform, supporting forums, and collaboration tools. Collaboration with Oracle Academy Oracle Academy provides educational institutions with the resources they need to help educators develop core computing knowledge and skills aligned to industry standards and for using current technologiesso they can teach students the skills they need to succeed. The program offers institutions and educators access to a wide range of teaching and educational resources, including curriculum, classroom learning resources, software, cloud technology, practice environments, and much more.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

COMPUTER SOCIETY OF INDIA

Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters across India, 511 student branches, and 100,000 members

IEEE COMPUTER SOCIETY

The IEEE Computer Society is a professional society of IEEE. Its purpose and scope is to advance the theory, practice, and application of computer and information processing science and technology and the professional standing of its members. The CS is the largest of 38 technical societies organized under the IEEE Technical Activities Board.

CSEA The Computer Science Engineering Association

CSEA of St. Josephs College of Engineering Technology was established in the year 2004. All teaching and non teaching staff as well as students of Computer Science Department are members of the CSEA by default.

[Read More](#)

DEPARTMENT LEVEL COMMITTEES

Department Advisory Committee

DAC SI No	Name	Designation	Role
1	Dr. Joby P P,	HoD CSE	Chairman
2	Dr. Praseetha V M,	Programme Coordinator	Member
	Secretary		3
	Management Representative	Member	4
	Prof. Smitha Jacob,	Senior Faculty, CSE	Member
	Prof. Kishore Sebastian,	Senior Faculty,CSE	Member
	Prof. Sarju S,	Senior Faculty, CSE	Professional Society Representative
	Prof. Ashly Thomas,	Senior	

Faculty, CSE Member 8 Mr. Sachin Jose, Training Placement Officer Member 9 Ms. Rosin C Jacob, Parent representative Member 10 Mr. Felix Joby, Student representative Member 11 Mr. Anil Kuriakose, Industry representative Member 12 Mr. Mridul George, Industry representative Member 13 Dr. Joby George, Professor CSE, MACE Academic Expert Member 14 Dr. Bejoy Abraham, Deputy Director KTU Academic Expert Member 15 Ms. Haripriya, Alumni representative Member 16 Mr. Thomas John, Senior Lab Instructor Member 17 Principal Permanent Invitee Department Quality Assurance Cell

SI	Name	Designation	Role
1	Dr. Joby P P,	Professor	Head Chairman
2	Prof. Sarju S	Coordinator	
3	Prof. Smitha Jacob	Member	
4	Prof. Divya Sunny	Member	
5	Prof. Meeren Thomas	Member	
6	Prof. Bino Thomas	Member	
7	Mr. Ciril Sebastian	Member	

Stream	Coordinators	S.No	Category of Program	Core Courses	Stream Coordinator	Members
1	Programming, Analysis of Algorithms and Graphics	PAG	Prof. Smitha Jacob	1. Dr. Praseetha V M	2. Prof. Sarju S	3. Prof. Subini Therese Babu
2	Computer Hardware	Architecture and System Design	CHSD	Prof. Divya Sunny	1. Prof. Mereen Thomas	2. Prof. Jikku Thomas
3	Prof. Vimal Babu	4. Prof. Gayathri R Krishna	3	Database	Machine Intelligence	DMI
Prof. Sarju	1. Prof. Angitha George	2. Prof. Syamamol	3. Prof. Dona Mary Cherian	4. Prof. Dyni Thomas	4	Network Security
NAS	Prof. Kishore Sebastian	1. Prof. Bino Thomas	2. Prof. Ashly Thomas	3. Prof. Jibin Philip	4. Prof. Athirasree Das	5
Project Work and Seminar	PWS	Dr. Praseetha V M	1. Prof. Ashly Thomas	2. Prof. Maria Yesudas	3. Prof. Anju B	OUR STRENGTH

Ph.D in Computer Science and Engineering The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college

Research Scholars	SI	Name	of the Research Scholar	Topic of Research	Registration
No	1	Ms. Suma R	Occluded Face Recognition	DSJC18JUL002	2
Ms. Alphonsa Johny			Efficient Big data Processing Technique	DSJC18JUL001	3
Mr. Akhil Sekharan			Security Challenges in Data Sharing	DSJC20JAN005	Approved Guides

DEPARTMENT PUBLICATIONS 20212022 20202021 20192020 20242025 Issue 1 20232024 Issue 1 20222023 Issue 1 20222023 Issue 2 20212022 20202021 20192020

FACILITIES	PROGRAMMING LAB	NETWORKING LAB	SOFTWARE COMPUTING LAB	DEPARTMENT LIBRARY	RESEARCH LAB	PLACEMENTS
242	Placement					

Offers 2024 60 days Expert Training In House Placement Curricula 45 L Highest Salary Package
Placement Details

Department of Civil Engineering SJCT Palai Department of Civil Engineering Software Development Center 20240412T05:41:2900:00 BUILDING THE FUTURE ON A FOUNDATION OF EXCELLENCE Civil Engineering, in a simple sense is the application of planning, designing, constructing, maintaining, and operating infrastructures while protecting the public and environmental health, as well as improving existing infrastructures that have been neglected. Civil Engineers are trained in the areas of Surveying, Structural Analysis and Design, Geotechnical Engineering, Transportation Engineering and Environmental Engineering. A Civil Engineering graduate can become a Consulting Civil Engineer, Project Engineer, Project Manager, Contract Engineer, Contract Manager, Planning Engineer, Site Engineer, Construction Manager, Quantity Surveyor, Cost Engineer, Quality Assurance Quality Control Engineer, Quality Assurance Quality Control Manager and many more. Opportunities for higher studies are also available in allied disciplines such as Coastal and Ocean Engineering, Hydraulics Engineering, Remote Sensing, Irrigation Engineering, Transportation Engineering, Structural Engineering and Geodetic Engineering. Vision Mission PEO PSO COPO Mapping PG PO PG PSO PG PEO Vision To develop into a globally reputed center of excellence in the field of Civil Engineering for imparting knowledge and technical skills suiting the needs of the society with distinct identity and character in teaching, research and consultancy. Mission To follow Teaching Learning process and conducive infrastructure with the support of qualified and committed faculty in Civil Engineering Programs. To establish a team of dedicated faculty in academic pace for collaborating with academia and community to serve local and state enterprises. To make the students selflearners and socially committed engineers for individual and collective accomplishments and also for nurturing moral and ethical values for their successful careers PEO Program Educational Objectives PEO PEO1. Have strong design and analysis skills in the theoretical and practical domains of Civil Engineering. PEO2. Become leading professionals, as individuals, as well as team members, in a wide range of Civil

Engineering and related fields. PEO3. Exhibit ethical values and a strong spirit of social commitment to accelerate social development.

PSO Program Specific Outcomes

PSO PSO 1: To practice Civil Engineering within industry, government and private practice, working toward sustainable solutions in a wide array of technical specialties including construction, environmental, geotechnical, structural, transportation and water resources

PSO2: To grow professionally in their careers through continued development of technical, management, communication skills and to achieve their professional aims ethically and with cultural competency

COPPO Mapping PG PO PO1 An ability to independently carry out research investigation and development work in engineering and allied streams. PO2 An ability to communicate effectively, write and present technical reports on complex engineering activities by interacting with the engineering fraternity and with society at large. PO3 An ability to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program. PO4 An ability to apply stream knowledge to design or develop solutions for real world problems by following the standards. PO5 An ability to identify, select and apply appropriate techniques, resources, and stateoftheart tool to model, analyze and solve practical engineering problems. PO6 An ability to engage in lifelong learning for the design and development related to the stream related problems taking into consideration sustainability, societal, ethical, and environmental aspects. PO7 An ability to develop cognitive load management skills related to project management and finance which focus on Entrepreneurship and Industry relevance.

PG PSO PSO1: To enable students to modify and upgrade present computing techniques to meet the engineering challenges in Structural Engineering and Constructional Management. PSO2: To bring awareness to the students to have commitment in socio economic progress of the country.

PG PEO PEO1: Demonstrate competency to lead and discharge their duties in an independent or team environment in Structural Engineering and Construction Management and related fields. PEO2: Exhibit skills for lifelong learning in research or other specific career programmes through constant knowledge upgradation. PEO3: Apply fundamental and advanced knowledge in Structural Engineering and Construction Management to address challenging problems in Civil Engineering and provides sustainable solution

using modern tools. COURSES WE OFFER B.Tech. Civil Engineering CE An Engineering program which articulates the concepts from basic science to technology through lab practice and projects to gain knowledge in areas like Structural, Environmental Highway Engineering, Construction Management etc which are in sync with industry requirements. COURSE DURATION SYLLABUS B.Tech in Civil Engineering KTU 4 Years syllabus M.Tech in Structural Engineering and Construction Management KTU 2 Years syllabus M.Tech. Structural Engineering and Construction Management Learners are matured in a specific area of specialization by extending their prior know how through meticulous set of advanced courses with a dissertation to showcase their research potential. The focus for thesis is to solve an industry centric problem. INITIATIVES BEYOND THE CLASS ROOM The Civil Engineering division of St. Josephs Centre for Industrial Consultancy believe in providing value added construction services to our customers by creating a successful partnership with them throughout the construction process. Our highly qualified, theoretically equipped as well as practically experienced staff uphold the idea of creating the most economical and safest design by using the most advanced computer packages, rather than using the traditional thumb rule design methodology. CIVIL ENGINEERING ASSOCIATION CEA was formed with the primary objective of exposing budding civil engineers of SJCET to the challenges of profession. The association promotes the talents of students in extra and cocurricular activities and keeps students and staff aware of the latest information through technical talks and seminars. The association was inaugurated by Er. P. M. Chacko, former president of Institution of Engineers India IEI on 28th September 2011. OUR CONSULTANCY SERVICES Consultancy Services Architectural plan for approval from local governing body Structural designs of residential, commercial and high rise buildings Estimation, costing and valuation Landslide prediction and slope stabilization Sewage and water treatment plants design Transportation systems design Tourism project preparation Project management Plot area measurement and setting out using Total Station Plot area measurement and setting out using Total Station Material Quality Tests Concrete compressive strength Steel tensile strength Concrete mix design Cement quality tests Aggregate fine and coarse gradation and quality tests Paving tile strength and abrasion tests Bitumen extraction tests BM and BC mix design

Drinking water quality test Soil property and subgrade CBR tests NDT tests for concrete

PROFESSIONAL SOCIETIES AND ASSOCIATIONS Indian Concrete Institute The Department of Civil Engineering is a lifetime organizational member L.M. No. 10030 of Indian Concrete Institute, Chennai. Indian Concrete Institute is one of the leading professional bodies in India, catering to the professional needs of individuals and organizations involved in Concrete. Being a nonprofit Organisation, it is dedicated to the cause of disseminating Knowledge on Concrete, of Promoting Concrete Technology and Construction and of addressing the Research Needs of Concrete. The department would now get updated on the latest technology and practices in Concrete Industry. The department will have a unique opportunity to listen to and to interact with concrete technology experts from within the country and abroad. This will let us collaborate with national and international agencies in creating a better understanding of concrete construction technology. ICI promotes the growth of concrete construction and its subspecializations giving an opportunity to the members to participate in ICI conducted competitions like ICI FEST, which is a zonal meet of Students Chapters. Apart from these, there are various other benefits such as access to ICI Archives which is a collection of valuable Technical Papers, access to the ICI Reference Library, and most importantly, an opportunity to grow professionally.

DEPARTMENT LEVEL COMMITTEES

DEPARTMENT ADVISORY COMMITTEE NAME DESIGNATION Dr. V P Devassia Principal, SJ CET Dr. Ance Mathew HOD, Civil Engineering Dept. Mr. Jiju Joseph MD, Green Tourism, Govt. of Kerala Rev. Fr. Thomas Njavallil Lab. Manager, SJ CET, Palai Dr. K. J. George Professor of Civil Engineering Fr. Dr. Bennet Kuriakose Associate Professor, Civil Engineering Dept. Mrs. Asha Alice Kulavattom Assistant Professor, Civil Engineering Dept. Prof. Austin T Sabu Alumni Representative Mrs. Elizabeth Sebastian Parent of Civil Engineering Student Mr. Joby George Civil Engineering Dept.

PROGRAM ASSESSMENT COMMITTEE NAME DESIGNATION Dr. Ance Mathew HOD, Civil Engineering Dept. Fr. Dr. Bennet Kuriakose Associate Professor, Civil Engineering Dept. Mrs. Asha Alice Kulavattom Assistant Professor, Civil Engineering Dept.

OUR STRENGTH FACILITIES

CAD LAB ENVIRONMENT LAB DRAWING LAB TRANSPORTATION AND CONCRETE LAB GEO TECHNICAL LAB SURVEY LAB TOTAL STATION PLACEMENTS 2023 2022 2021 2020 2019

2023 2022 2021 2020 2019 ACHIEVEMENTS Prof. Ance Mathew, HOD, Department of Civil Engineering has received a patent titled: The influence of different treatments applied to flax fibres on different properties of mortar reinforced by these fibres. The discovery deals with the addition of treated flax fibres to improve the rheological and mechanical properties of mortar. She invented three treatment solutions for flax fibre ,viz.:atmospheric plasma, mineral cementslag coating and linseed oil coating. Gold Prize Winners Basil Philip Issac, Amal Nelson, Akhila Mariya and Rohin Kurien mentored by Fr. Dr. Bennet Kuriakose won the Gold Prize with cash award of Rs 25000 in the TECH FEST 2021 organised by Kerala State Council for Science, Technology and Environment KSCSTE. This project weighs on developing a novel device to monitor water levels in paddy fields at various times and alerting farmers using IoT system to schedule their crop calendar with proper irrigation practices. Adoption of realtime field monitoring using LoR a technology enables farmers to know the conditions of the field beforehand and take necessary steps to increase or decrease water levels accordingly. Dr. K.J.George, Professor, Department of Civil Engineering, Harithakeralam College Coordinator SJ CET Palai received letter of appreciation from Haritha Keralam Mission, Govt. of Kerala for our commendable initiatives in waste management, food safety, protection of water resources and energy conservation Prof. Ance Mathew, HOD, Department of CE, published a paper entitled Experimental investigation and prediction on the effects of glass and bamboo fibres as key mixture parameters in reinforced concrete using support vector regression in the journal Structural Concrete with an impact factor of 3.13 Rev. Fr. Dr. Bennet Kuriakose, Associate Professor, Dept. of CE has got the approval for a financial support of Rs 1,00,000 from Agency for NonConventional Energy Rural Technology ANERT for the Project on Experimental Investigations on Energy Efficient Buildings using Phase Change Materials in Tropical Climate. Rev. Fr. Dr. Bennet Kuriakose, Associate Professor, Dept. of CE was appointed the Technical Consultant for the Implementation of CARE HOME Projects 2018 in collaboration with the Government Bodies. Ranked 8 th in KTU Department of Civil Engineering Ranked 8 th in KTU Semester V results 2018 Woman innovation award This is an innovative proposal put forward for foundations on low lying areas of Kerala like Kuttanad, and this will be a economically viable alternative for pile foundation

Award by SCMS group of institutions. The 10 Pointer Juby Biju of S2 CE, secured O grade in all subjects with SGPA 10 in the Semester I B.Tech Degree University Examination December 2018

CONSULTANCY PROJECTS Year 2020 Rehabilitation of Residential Building, Ramapuram. Completed The residential building was previously built up to the ground level from the cellar with poor workmanship and using concrete of low quality. Rehabilitation scheme was proposed and structural details for ground and first floors were given by CE department. Architectural and Structural Details of Mercantile Building, Bharananganam, Kottayam. Completed Architectural and structural design of a onestoryed mercantile building was performed. Extension and Modification of St. Marys Church, Vettimukal, Kottayam. Completed. Structural design of steel truss and hexagonal towers were carried out. The architectural design was changed after the foundations been cast. Structural design for the new architectural features was carried out. Architectural and Structural Design for Modification of St. George Simhasana Church, Thiruvalla, Kottayam. Completed The new church building was innovatively designed and planned so as to be constructed outside the existing one, keeping the latter intact. Steel skeleton structure was raised outside the columns were CFST as bracings would obstruct the working condition of old church, walls were constructed, old church was demolished inside and the new church is being finished. Year 2021 Reconstruction of NNCJMLP School, Kumarakom, Kottayam. Ongoing Detailed structural design of pile foundation and two stories was performed. Extension of Residential and Commercial Building, Thottakkad, Kottayam. Ongoing Extension of three stories to a building built 20 years back and was in arbitration. The detailed health of the existing building was assessed, modifications were suggested and structural details of the other three stories were given. A steelconcrete profiled deck slab was also designed within the building as an extension to previously built floor, which is designed to be framed from the existing structure. Structural Design of Retaining Wall at Paika, Kottayam Execution pending. Structural design of a 6 m high retaining wall was carried out. Two options were provided, one with random rubble masonry and second an RCC cantilever retaining wall. Execution of this project is pending due to arbitration. Structural Design of Commercial Building, Vaikom, Kottayam. Ongoing. Design of grid foundation for the very weak soil sublayer at the site was performed.

Detailed structural details of the ground and first floors were also given. Structural Design of Residential Building, Thrissur Completed. Design of foundation for residential building is performed the ground floor is at different levels. The plinth beam had to be arranged to accommodate the difference in levels. Valuation of a Residential Building, Karinkunnam, Kottayam. Completed. Valuation of the building was performed for an old residential building Structural Design of Residential Building, Kuruppumthara, Kottayam. Completed. Structural Design of Residential Building, Kumaramangalam, Idukki. Completed Feature of this building is 4 m long cantilever carporch. Retaining Wall for Nuzzo School, Thiruvananthapuram. Completed. Renovation of a Commercial Building, Paika, Kottayam. Execution Pending SteelConcrete profiled composite deck slab was proposed for the building. Structural Design of Residential Building, Thiruvanchoor, Kottayam. Ongoing. Design of Pile Foundation for Residential Building, Kuruppamthara, Kottayam. Ongoing Pile foundation was provided with a novel technique where no pile cap is provided. Structural Design of Commercial Building at Poonjar, Kottayam. Ongoing Hard stratum was available only at 4 m depth from existing ground level. Other types of foundations were not feasible. Conventional footings are provided and detailed structural design for the three stories was given. Structural Design of Hospital Building, Edayazham, Kottayam. Execution Pending. Original client of the project is KIIFB, Govt. of Kerala. The foundation was provided with grid foundation which is a cost effective one for weak soils. Structural design was provided for the ground floor. Soil Investigation and Traffic Study for Regulator cum Bridge across Meenachil River at Kootanalkadavu, Kottayam. Completed Client of this project is Dept. of Irrigation, Govt. of Kerala. Detailed investigation of the soil was performed using CBR tests. Traffic survey and home survey was performed for assessing the feasibility and suitability of a bridging system across the river at the specific location. Year 2022 Structural Design of Residential Building at Thodupuzha, Idukki ongoing The challenging part of this project is the 3.5 m cantilever slab, to be supported without any visible beams. Moreover, the architect has planned the living area of the building to be looking like a floating structure on water. Structural Design of Retaining wall at Mutholy, Kottayam. Execution pending The retaining wall was designed for a height of 4.5 m for accommodating different levels of

the plot. Stabilisation of Failed Slope, Peruvanthanam, Idukki Execution pending The slope failed during 2021 landslides and the house is at risk. The slope in total has a height of 6.5 m. As conventional soil nailing is not cost effective and feasible for the rural area, an innovative soil nailing cum dry rubble masonry system is proposed, which can be executed by local workmanship. The total cost of the project is estimated to be 1.5 Lakh, which is extremely cost effective. Construction of School Building to MCV HSS Arpookara: Check For Reinforcements and Anchorages, Arpookkara, Kottayam. Completed The objective of the study was to check the reinforcements and lap lengths provided at the site by rigorous numerical analysis and based on standards of practice. The client is KIIFB, Govt. of Kerala and we worked for the contractor. Structural Design and Detailed Estimate of Residential Building at Palai, Kottayam. Execution pending Grid foundation is provided owing to the weak soil. The land has to be filled and the existing ground level is planning to be raised. Design was performed taking all these into consideration. Structural Design of Residential Building at Kuruppumthara, Kottayam Ongoing. Structural Design of Residential Building at Kattappana, Idukki Ongoing. Structural Design of Residential Building at Palai, Kottayam. Design work ongoing This two storey framed building consist of very few numbers of irregularly placed columns many parts of the building is designed to be cantilevered. Structural Design of a Cartable Bridge at Njeezhoor, Kottayam. Design work ongoing A steelconcrete composite profiled deck is proposed which is planned to be supported on two steel girders connecting the two banks of the small stream.

ACTIVITIES Mapathon Kerala OSM Mapping Department of Civil Engineering, St.Josephs College of Engineering and Technology, Palai is entrusted with the mapping of Palai Municipality 26 Municipal wards so that it may be used by the Government agencies in case of any emergency situation like floods or any of such kind. The Mapathon Project of Palai Municipality is led by the SPoC Mr. Austin T Sabu, Asst. Prof, Dept. of CE and other members include Ms. Dalmiya Rajan, Asst. Prof, Dept. of CE along with a student group. The final year student group members are Sijith Chandran, Krishnapriya, Melinda Lorence Nithya Prasannan S7,CE. Kootickal Site visit In connection with the landslide at Kootickal, Dept.of Civil Engineering assessed the structural competency of residential buildings in the area. The project was undertaken by the Civil Engineering

Department in association with Civil Engineering Association and Center for Industrial Consultancy. The site visit team consisted of faculty members and a group of final year students. The faculty members accompanied were Prof. Dr.K.J.George, Associate Prof. Fr. Dr. Bennet Kuriakose, Asst.Prof Mr. Manish Jose, Asst.Prof Mr.Austin T Sabu, Lab instructors Mr. Joby George and Mr. George K Thomas. REBUILD KERALA Government of Kerala established Rebuild Kerala Initiative RKI to bring about a perceptible change in the lives and livelihoods of the people of Kerala after the state had been devastated by two major floods in 2018 and 2019. RKI presents a unique approach in rebuilding the state. One of the major components of this Initiative is the renovation of public roads maintained by the Local Self Govt Department LSGD. The works related to field investigation for preparation of DPR were delegated to SJCET, Palai. SJCET Palai has a Tier II Collaboration with RKI G.O.Rt.No.21792020LSGD, Dated:20.2.2020 and Department of Civil Engineering. SJCET Palai ensures the Quality Assurance at the site by conducting random checks and suggests possible improvements where ever required. Sl. NoName of RoadGP District 1 PuthedannoorThodu Foot Bridges Arakkulam, Idukki 2 Elappally Chellikal Road Arakkulam, Idukki 3 Elappally Thottambhagam Road Arakkulam, Idukki 4 Aasharam Pottanpady Road Arakkulam, Idukki 5 Idinjamala Companyyadi Road Erattayar, Idukki 6 Nalumukku Tunnel Road Erattayar, Idukki 7 BalagramAnyarthulu Pampadumpara, Idukki 8 Kattekkannam Chelamoodu Road Karunapuram, Idukki 9 PazhayaKochira Road Vandenmedu, Idukki 10 Perikkankaval Kollamkulambadi Karilkavala Road Vathikudi, Idukki 11 Kurisupallipadi Thannikandam Kumbiluvellipadi Painavu Road Vazhathoppu, Idukki 12 Vimalagiri Enikkuthu Road Mariapuram, Idukki 13 Anicadu Pravidakunnu Road Vazhakulam, Ernakulam 14 Factoryyadi Karinthuruvi Road Upputhara, Idukki 15 Panachikuzhi Road Rajakkadu, Idukki 16 Sooryakanthikavala Pazhaya Post Office Road Upputhara, Idukki

REBUILD KERALA Road Strength studies at Idukki District under the Rebuild Kerala Initiative Works entrusted by LSGD, Government of Kerala as part of post Flood and Disaster Investigation works. Concrete Mix Design and Concrete Cube Strength Competition 2019 by ICI Kerala Kochi Centre Manimala Rejuvenation work Field visit was conducted by S3 M.Tech. students under the supervision of Dr. K J George Professor, Jose James Assistant Professor, Dalmiya Rajan Assistant

Professor, Joby George and Ligi Simon for the survey as part of Manimala River Rejuvenation in Association with Kerala State Irrigation Department IDRb. Survey includes identifying pollution in stretches of river and water sampling. Data is interpreted in preparing a DPR for pollution abatement of Manimala river in Kalloopara Thondra Stretch

EXPERT TALKS AND SESSIONS

Prof. P.V. Varkey, professor serving at SJCET Palai took an elaborate class for the Civil Engineering students of SJCET on 18/09/2021 from 10am to 1pm. Prof.P. V Varkey has outlined the various sources of energy, the cost of generation of each type of energy and management of the source and the importance of that to Civil Engineers. Tapping the potential of solar energy was also demonstrated by him and the live examples from the campus was also given. He further explained the energy saving peculiarities at Nedumbassery Airport and utilization of solar power there. The Civil Engineering applications for the foundation and structural aspects of the solar generation structures were also highlighted. The talk was very useful to the budding Civil Engineers.

Er.D. Biju, Chief Engineer, Irrigation, Trivandrum on 06/12/2020, delivered a talk on the necessity of river rejuvenation in Kerala. He has elaborated this on the count of national green tribunal order to rejuvenate 21 rivers in Kerala. The need for assessment of water quality of these rivers and pollution abatement of the rivers and the methods for ensuring eflow in the rivers were discussed in detail. The various structures in Kerala rivers were also demonstrated. Chief Engineer had discussed in detail the chance for associating SJCET with the Pollution abatement study of Manimala river spanning over Idukki, Kottayam, Pathanamthitta and Alleppey Districts of Kerala. SJCET Civil Engineering department was thus entrusted with the study to be completed before February 2021. A presentation on the concept of watershed and river basin management with special reference to the manimala river was carried out on 04/01/2021 by Er.S. Deepa, Assistant Executive Engineer, Irrigation Department, Government of Kerala. The importance of watershed type planning required for water resource planning was explained in a systematic manner to the students and staff of civil engineering department Further , the criterion and approach to be followed for the pollution abatement planning of manimala river was explained. The survey works that can be carried out in Manimala river for the preparation of a detailed project report was also explained. The students got

a good idea regarding the procedure to be followed in such case studies and field executions. An expert speech on water resource planning in Kerala was done by Er.R. Priyesh, Director, Irrigation design and research board, Trivandrum, Government of Kerala on 06/12/2021. The planning aspects to meet the requirements of future needs for the 44 rivers in Kerala was explained and was very much informative for the budding engineers and faculty members present. The director explained the future plans of the water resources department, with regard to water conservation, water storage and desiltation of rivers. Additionally, the structural design aspects of some of the important water resource structures were also discussed. An overview of the design of irrigation and water storage structures was obtained by the students and faculty. An expert talk was given by Mr. P. Ramesh, District Coordinator of Harithakeralam a government of Kerala urging for the improvement of the various life activities of the common people by way of clean and green initiatives. The idea and practicing of the same was explained to the students of Civil engineering by a special talk on 05/01/2021 followed by demonstration and class on 26/02/2021. The detailed classes and demonstrations paved way for understanding the importance of keeping the areas clean, water conservation measures and the bad effects of burning plastic items. The idea of reducing, recycling and recovering the water was also given to the students. The Resource Person Dr.Kishore Pankan PhD, MBA, A.M.ASCE, Managing Director, Habilete Learning Solutions Pvt. Ltd, led a class on ASCE student Chapter for seventh semester students on 01st November 2021. The session was handled by the speaker explaining the detailed review on ASCE activities. Civil Engineering Association CEA of Department of Civil Engineering, SJCET Palai organized a webinar on Building Information Modeling with Mr. Madhav Sreekumar Technical Consultant in Bexel India Consulting and Ms. Lakshmi N Suresh Marketing and Strategy Manager in Bexel India Consulting as subject experts on 13th November 2021 at 1:30 pm, for the students of The Civil Engineering Department. Civil Engineering Association CEA of Department of Civil Engineering, SJCET Palai organised a seminar on Professional Ethics for seventh semester students on 11th November 2021. The resource person was Mr. Babu Sankar, Assistant Professor, Department of Mechanical Engineering, SJCET Palai. Civil Engineering Association CEA of Department of Civil Engineering, SJCET Palai

organised a fire and safety awareness class with Demonstration of the working of Fire Fighting Equipments on 11th November 2021 for seventh semester students. The resource person Mr. Jameskutty Zacharias, Department of Mechanical Engineering, SJCET Palai demonstrated the working of the firefighting equipment and hands on sessions were given to the students. A practical session on Total station was organised for the final year B. Tech students on 26th October 2021 in order to enhance their practical skills in modern surveying equipment. The class was taken by Mr. Joby George, Survey Lab Instructor. . A practical session on Bitumen extraction was organised for fifth semester B. Tech students on 3rd December 2021 at Transportation Engineering Lab, Department of Civil Engineering. The class was taken by Ms. Ligi Simon, Lab instructor. Department of Civil Engineering in association with CEA, SJCET Palai organised a Webinar on Lifestyle Diseases guided by Dr. Divya Roy MBBS, DNB Family Medicine for Second and Third year Civil Engineering students on 26th November 2021 at 2:30 pm. Department of Civil Engineering, in association with CEA, SJCET Palai organised a Webinar on Precast Building Systems guided by Er. Mathew Jose Jin Asst. Engineer, Metro IC, LT Constructions, Chennai for Final year Civil Engineering students on 23rd April 2021 at 10.00am. Department of Civil Engineering, SJCET Palai, in association with DH Academy organised a webinar guided by Er. Shyju Nair CEO, DH Academy on the topic Journey through Concrete on May 26th 2021 at 11.30am Expert Talk on Tips for Healthy Life Style by Dr. Gibi K George Casualty Doctor, Doctors Speciality Hospital, Kalathipady, Kottayam on 02122020. Expert Talk on Preparation of Feasibility and DPR in context of Highway and Urban Road Development by Mr. Balakrishnan M. Former Head International Operations Road Projects, LT Infrastructure Engineering Limited, Chennai on 09122020. DEPARTMENT PUBLICATIONS

Electronics and Computer Engineering SJCET Palai Electronics and Computer Engineering Software Development Center 20240416T10:20:2100:00 About the Department B. Tech in Electronics and Computer Engineering ES is a four year professional undergraduate program was established in the year 2021 with an annual intake of 60 students. Electronics and Computer

Engineering is an integrated program, which particularly focuses on imparting skills in electronics hardware, software and IT, as required by the industry. The curriculum is organized in such a way that it enables students to build a solid foundation in various aspects of Electronic Circuits, Digital System Design, VLSI Design, Embedded Systems IoT, Data Structures, Object Oriented Programming, Computer Networks, Database management Systems, etc. Merging the two disciplines will offer a magnificent foundation in both subject areas and will prepare aspirants to a wide range of careers, in both or either of the fields. This crossdiscipline study will aid in molding a multiskilled professional engineer with meticulous understanding of fundamental concepts and techniques from these areas, opening path to establish an exceptional professional career.

VISION Develop into a centre of excellence in Electronics and Computer Engineering by producing technically competent professionals catering to the needs for Industry, Academia and Society.

MISSION To pursue continuous improvement in learning, creativity and innovation among both faculty and students by enhanced infrastructure, stateofthe art laboratories and a unique learning environment. To inculcate in both faculty and students technical and entrepreneurial skills by professional activities to create socially relevant and sustainable solutions in the electronics and computer domain.

PEO Graduate will be professionally successful in diverse career paths including supportive and leadership roles or will pursue higher education. Graduate will be receptive to new technologies and imbibe lifelong learning, professional and ethical values to provide suitable sustainable solutions in electronics and computer engineering.

PSO

PSO1: Ability to apply fundamental knowledge in Electronics and Computer Engineering to analyse and design hardware and software systems so as to understand and solve engineering problems.

PSO2: Ability to communicate technical information in both oral and written formats effectively.

COPO Mapping

INITIATIVES BEYOND THE CLASS ROOM

Mentor System Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with students, orients them to college practices, follows their progress regularly and guides them throughout the fouryear course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps

the parents to keep track of their child and their academic performance. Remedial Education The students with backlogs have a heavy load as they must take exams simultaneously for both the new semesters subjects as well as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the fouryear engineering course. To help our students from such situations, remedial classes are provided by the ES department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease. Placement Training Department offers intense placement training on regular basis. LEARNING MANAGEMENT SYSTEM Learning Management System LMS designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. Visit Here NPTEL Local chapterNPTEL Local chapter NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. Coursera Campus Response Initiative Courseras mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJCET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost. OUR STRENGTH

MCAHome SJCET Palai MCAHome Software Development Center 20250315T03:40:3300:00 St. Josephs college of Engineering Technology, SJCET, has always been in the forefront with a wide

spectrum of distinct features and facilities. The institution is a leader in the academia and its culture has set a benchmark in the region of quality in education, infrastructure facilities, student welfare, ecofriendliness and social commitments. Since its initiation in the year 2009, the department of Computer Applications holds profound pride to remain as an integral and significant part of SJCET. We reflect and uphold the picturesque culture of the institution. Here, we always encourage the freedom to think and express creatively. Students are provided with platforms to hone their technical and cultural talents. We support them in their curricular and extracurricular accomplishments. We strongly believe in the holistic development of students. MCA programme accredited by NBA SJCET is committed to provide a modern industry-oriented education in the arena of computer applications thereby focusing on providing students with sound theoretical background as well as good practical exposure in the relevant areas. Ever since its beginning, the department has actively organized series of Technical Expert Talk, Workshops, Industrial Visits, Alumni Interaction, Parents Teachers Meeting, Project work Evaluation Exhibition and Technical Competitions to enrich the students from different perspectives. Personal care and attention is given to every student during his/her period of study. If you are in search of an academic community to attain quality value based education, to experience personal motivation and synergy, to nurture your skills, then, this is the perfect place for you to begin.

VISION To emerge as a center of excellence in the field of computer education with distinct identity and quality in all areas of its activities and develop a new generation of computer professionals with proper leadership, commitment and moral values.

MISSION Provide quality education in Computer Applications and bridge the gap between the academia and industry. Promoting innovation research and leadership in areas relevant to the socio economic progress of the country. Develop intellectual curiosity and a commitment to lifelong learning in students, with societal and environmental concerns.

PEOs MCA Graduates will be able to progress career productively in software industry, academia, research, entrepreneurship pursuits, government, consulting firms and other IT enabled services. MCA Graduates will be able to achieve peer recognition as an individual or in a team by adopting ethics and professionalism, and communicate effectively to excel well in crisis and interdisciplinary teams.

MCA Graduates will be able to continue lifelong professional development in computing and in management that contributes in self and societal growth. POs Computational Knowledge Apply knowledge of mathematics, management, computing fundamentals, computing specialization and domain knowledge for the abstraction and conceptualization of computing models from defined problems to various real-life applications for any given requirements. Problem analysis Understand and analyse a given real-world problem and propose feasible computing solutions. Design Development of Solutions Analyse customer requirements, create high-level design, and select modern computing tools and techniques and use them with dexterity and integrate it to all computer applications. Conduct investigations of complex Computing problems Transform complex business scenarios and contemporary issues to problems, investigate, understand and propose integrated solutions to meet desired needs within realistic constraints such as safety, security and applicability especially following cyber regulations using emerging technologies. Modern Tool Usage Develop the expertise in using modern hardware and software tools which can be applied in professional career consecutively to provide innovative software solutions. Professional Ethics Recognize the social, professional, cultural and ethical issues involved in the use of computer technology and give them due consideration in developing software systems as broadly educated, expressive, ethical and responsible citizens with proven expertise to solve computer problems for the betterment of the society. Lifelong Learning Recognize the importance of goal setting and to recognize the need for lifelong learning for a continued career development and progress as a computer professional. Project management and finance Master fundamental project management skills, concepts and techniques, set attainable objectives and ensure positive results, meeting scope, time and budget constraints. Communication Efficacy Communicate technical information effectively, both orally and in writing such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. Societal and Environmental Concern An ability to devise and conduct experiments, interpret data and provide well informed conclusions for problems which will have high social and environmental impact. Individual and Team Work Work collaboratively as a member or leader in multidisciplinary teams with positive attitude to

demonstrate computing and management skills and acquire good conflict resolutions skills.

Innovation and Entrepreneurship Develop the talent to articulate innovative ideas and implement them using the acquired expertise and apply the inherent skills with absolute focus to function as an successful entrepreneur.

COPO Mapping ATTENTION MCA ASPIRANTS It is compulsory for the students, who are interested to join MCA Course in Kerala State to attend the entrance examination conducted by the government authorities during the month of July August every year.

SOCIAL COMMITMENT OF SJCET, PALAI At St. Josephs College of Engineering Technology, as a commitment to the society we are providing free MCA entrance coaching classes during the month of June every year. These sessions will be beneficial for students who are writing the entrance examination. Students who want to attend the coaching sessions for the next year can register here any time during the year: [APPLY HERE FOR FREE MCA ENTRANCE COACHING](#)

MCA ADMISSION We are providing coaching classes for MCA aspirants for MCA Entrance Examinations every year. For more details, contact email to : hodmcasjcetpalai.ac.in. Help line nos: 7034767699, 9447726012, 91 4822 239700

PROGRAMS WE OFFER 60 seats in 2 Year MCA Course

Eligibility Criteria : MCA Regular Passed B.C.A B.Sc. Computer Science B.Sc. IT B.E. CSE B.Tech. CSE B.E. IT B.Tech. IT or equivalent Degree. OR Passed any graduation degree e.g.: B.E. B.Tech. B.Sc B.Com. B.A. B. Voc. etc., preferably with Mathematics at 102 level or at Graduation level obtained at least 50 marks 45 marks in case of candidates belonging to reserved category in the qualifying examination. for students having no Mathematics background compulsory bridge course will be framed by the KTU Institution and additional bridge courses related to computer subjects as per the norms of the KTU. They also have to appear for the entrance exam conducted by LBS for MCA and have to acquire the required cut off marks for the entrance examination. Eligible candidates with required cut off marks in the entrance exam will be called for counselling based on their academic merits and LBS Exam rank and admission will be confirmed. Those who wish to apply for the MCA Entrance Exam please visit the site: [Those who wish to get Free Entrance Coaching Classes, Please register: Apply Now](#)

MCA Integrated Eligibility Criteria : MCA Integrated No Entrance Exam Passed 102SSLC and Plus 2 Examination with Mathematics or Statistics or Accountancy as

compulsory subjects. Obtained at least 45 marks 40 in the case of candidates belonging to reserved categories in the qualifying Examination. There is no need to appear in any entrance examination to get admission. Eligible candidates with required cut off marks will be called for counselling based on their academic merits and admission will be confirmed. Application form and prospectus can be obtained from the college by paying Rs.500 in cash or Apply Online: www.sjcetpalai.ac.in/admissionportal

Ph.D. Master of Computer Applications

The Ph.D. in Master of Computer Applications is a research degree which culminates in a unique dissertation that demonstrates original and creative research. The program has been designed to help the research scholars to gain an indepth understanding of a specialized subject related to computer science. This would allow them to predict developments and make contributions in area of expertise. The research scholars pursuing the Ph.D.degree are provided with an environment and facilities that help to develop analytic and research skills to define the research problems, to study advanced knowledge base to discover innovative solutions available till date. They are also provided with opportunities to practice consultation so as to facilitate innovative change in organizations, communities, and society.

FEE STRUCTURE MCA

Item	Head	Sem 1	Sem 2	Sem 3	Sem 4	Total
Admission Fee	one Time	500	0	0	0	500
Caution Deposit	Refundable	5000	0	0	0	5000
Tuition Fee		25000	25000	25000	25000	100000
Exam Fees		2600	2600	2330	2645	10175
Special Fee	Semester wise	7500	7500	7500	7500	30000
KTU Student Affiliation Fee		1050	0	0	0	1050
KTU Student administration fee		1050	0	0	0	1050
KTU Arts and Sports Fee	Yearly	530	0	530	0	1060
PTA Fees	Yearly	1000	0	1000	0	2000
Common Conveyance Charges		3000	0	0	0	3000
Industry Connect Training Fee		4000	0	0	0	4000
Total		51230	35100	36360	35145	157835

Subject to approval by Governing Body of the college May vary as per KTU norms

FEE STRUCTURE INTERGRATED MCA

Item	Head	Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8	Sem 9	Sem 10	Total
Admission Fee	one Time	500	0	0	0	0	0	0	0	0	0	500
Caution Deposit	Refundable	10000	0	0	0	0	0	0	0	0	0	10000
Tuition Fee		25000	25000	25000	25000	25000	25000	30000	30000	30000	30000	270000
KTU Exam Fees		2615	2615	2615	2615	2615	2615	2615	2615	2615	2615	26150
KTU Student Affiliation Fee	one Time	1050	0	0	0	0	0	0	0	0	0	1050
KTU Student administration fee	one Time	1050	0	0	0	0	0	0	0	0	0	1050
KTU Arts and Sports Fee	Yearly	530	0	530	0	530	0	530	0	530	0	1060

530 0 530 0 530 0 530 0 530 0 2650 Special Fee 10000 0 10000 0 10000 0 10000 0 10000 0 50000
PTA FeesYearly 1000 0 1000 0 1000 0 1000 0 1000 0 5000 Common Conveyance Charges 7500 0
0 0 0 0 0 0 0 0 7500 Industry Connect Training Fee 8000 0 0 0 0 0 0 0 8000 Total 67245 27615
39145 27615 39145 27615 44145 32615 44145 32615 381900 Subject to approval by Governing
Body of the college May vary as per KTU norms

INITIATIVES BEYOND THE CLASS ROOM

Department Learning Management System

About MOODLE Moodle acronym for Modular ObjectOriented Dynamic Learning Environment is a free software, for elearning platform, also known as a Learning Management System, or Virtual Learning Environment VLE. It is designed using sound educational principles, to help students create effective webbased learning experiences. LMS in MCA SJ CET Department of Computer Applications has been exploiting the features of LMS in its daily work since 2011. All the faculty members as well as students of the department are authenticated to log in to the system using username and password. LMS enables faculty members to create, integrate, track and manage courses, quizzes, and presentations. Also there is facility for the students to submit assignments and interact with their instructors and classmates. The department provides aptitude trainings every week for better placement by settingup model aptitude test rounds in the LMS

Professional Society Membership

Computer Society of India

CSI Computer Society of India is the first and largest body of computer professionals in India. This professional body emerged on 6th March 1965 by a few computer professionals and has now become the toast of the technology world among other professional organization. Now this prominent professional body coordinates and provides various services to all other student branches all over India. CSI offers various technical services like membership services, Publications, IT related Seminars, Workshops and Conferences helps in networking opportunities.

Indian Society for Technical Education

ISTE The Indian Society for Technical Education is a national, professional, nonprofit making Society registered under the Societies Registration Act of 1860. First started in 1941 as the Association of Principals of Technical Institutions APTI, it was converted into Indian Society for Technical Education in 1968 with a view to enlarge its activities to advance the cause of technological education. The major objective of the ISTE is to assist and contribute in the production

and development of top quality professional engineers and technicians needed by the industries and other organisations. **IAENG** The International Association of Engineers IAENG is the largest nonprofit international association for all engineers and computer scientists. IAENG was founded by a group of engineers and computer scientists in 1968, originally as a private club network for its founding members. Later, with the efforts from its members, IAENG membership became open to all the members in the engineering and computer science community. Nowadays, the IAENG members include research center heads, faculty deans, department heads, professors, research scientists, engineers, experienced software development directors and engineers, and university postgraduate and undergraduate students etc., from over one hundred different countries.

STUDENTS ASSOCIATION The students association SMASH of Department of Computer Applications MCA had inaugurated the activities in the year 2010. SMASH organizes various technical and managerial activities, workshops, seminars and competitions both at intra and intercollegiate level to illuminate the talents of the students in cocurricular and in technical domains apart from the core curriculum covered. The main programmes organized by SMASH is the national level intercollegiate Technical fest under the title Fenstra. In addition to this, multimedia and PowerPoint competitions are organized for the students. Supporting the innate creative talents of the students, department was successful in launching a campus film shot in the campus titled FOR MY LAPTOP, conceived and crewed by the students of 2010 admission. Preview was arranged in the college campus and the digital copy was released.

NPTEL LOCAL CHAPTER NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs.

CYBER SECURITY DAY Department of MCA in association with Janamayithri Police is Conducting Cyber Security Day on November 30th of every Year, recognizing the importance of making the young

generation alert about the pitfall in the cyber world. We had organized a half day seminar which has been presided by an official from CYBER CELL Kottayam, who had explained students about the relevance of Cyber Security and showcased through examples, how ignorance about the same had defamed and destroyed the lives of so many youths. On march 9th 2023, in association with SMASH, MCA Association, an expert talk were conducted on the topic Cyber Security by Dr. Terry Jacob Mathew. FENSTRA Fenstra is the prestigious National Level InterCollegiate meet, conducted as part of ASTHRA organized by SJCET, Palai. Various technical events including Treasure Hunt, Network gaming, paper presentation, technical Quiz, Coding, debugging, etc were conducted as part of Fenstra in different years. Department Level Committee Department Quality Assurance Cell

DQAC SI noName Designation 1 Dr. Rahul Shajan, HOD MCA Chairman 2 Prof. Alex Jose, Asst. Professor Member 3 Prof. Liz George, Asst. Professor Convener 4 Prof. Akhil Sekharan, Asst. Professor Member 5 Mr. Ajay S, Technical Staff Representative Member Stream Coordinators

SI.NoName of FacultyCourse Category 1 Prof.Alex Jose Elective Courses 2 Prof.Sumithmon K.S Core Courses 3 Prof.Akhil Sekharan Lab Courses 4 Dr.Rahul Shajan Seminar Project Department

Advisory Committee DAC SI noName Designation 1 Principal, SJCET Permanent Invitee 2 Head of the Department Chairman 3 Prof. Liz George, Assistant Professor Convener 4 Rev. Fr. Thomas Njavallil, Management representative Member 5 Prof. Alex Jose, Assistant Professor Member 6 Prof. Akhil Sekharan, Assistant Professor Member 7 Training and Placement Officer College Member 8 Mr. Mathew Joseph, One Parent Representative Member 9 Mr. Kishor Vinod, Student Representative Member 10 Mr.Arjun Paul , Alumni Representative Member 11 Mr. Ajay S, Technical staff nominated by HOD Member 12 Mr. Vishnu Shaji, Senior developer, TCS, Industry Expert Member 13 Prof. Bijimol T K, Santhigiri College of Computer Sciences, Vazhithala Member

OUR STRENGTH Ph.D in Computer Applications The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college Research Scholars SI NoName of Research ScholarArea of ResearchFull Part timeRegistration No. 1 Sumithmon K. S Recommendation System Part time DSJC22JAN001 2 Bhanumathi Mohan Recommendation System Full time DSJC23JUL001

Approved Guide STUDENT ACTIVITIES ACHIEVEMENTS Merit Day MCA 202224 Batch The convocation program for MCA 202224 Batch was organized on 13th July 2024 at Einstein Hall around 9:30 AM. Faculties from various departments attended the function and gave their wishes to the outgoing students. Techsphere24 Workshop Series On 12th March 2024, Msgr. Dr. Gladston Raj S. inaugurated the webinar series called Techsphere24 for degree students. Manager Fr. Mathew Koramkuzha, Principal Dr. V.P Devassia, Vice Principal Dr. Madhukumar S, Bursar Fr. John Mattamundayil, HoD Dr. Rahul Shajan, Program Coordinator Mr. Akhil Sekharan were addressed the gathering. More than 260 graduates from other colleges have participated in different workshops. The series consisted of four sessions, each of which delved into various technological aspects such as IoT, cyber security, soft skills, and New Age of Intelligence . The speakers were experts in their respective fields, and they imparted a great deal of knowledge to the participants. In this report, we will take a closer look at each session and its key takeaways. The Techsphere webinar series was a comprehensive and informative learning experience for degree students. The series covered various aspects of technology, and the speakers provided valuable insights into their respective fields. The series was a great opportunity for students to learn from experts and gain exposure to the latest technological trends.

SMASH Inauguration 2023 Activities of SMASH, MCA Association, for the year 202324 were inaugurated on 15th Nov 2023 Wednesday by Mr. Jijo Augustine, Senior System Engineer, UST Global in the esteemed presence of Msgr. Dr. Joseph Maleparampil, Chairman of SJCET, Vice Principal Dr. Madhukumar S, Bursar Fr. John Mattamundayil, HoD Dr. Rahul Shajan, Association President Mr. Alex Jose, Association Treasurer Mr. Akhil Sekharan, other staff members and students of MCA department have witnessed the program.

Merit Day MCA 202123 Batch The convocation program for MCA 202123 Batch was organized on 24th June 2023 at Einstein Hall around 9:30 AM. Faculties from various departments attended the function and gave their wishes to the outgoing students. Techsphere Workshop Series On 9th March 2023, Msgr. Dr. Joseph Maleparampil Chairman of SJCET inaugurated the webinar series called Techsphere for degree students. Manager Fr. Mathew Koramkuzha, Principal Dr. V.P Devassia, Vice Principal Dr. Madhukumar S, Bursar Fr. John Mattamundayil, HoD in Charge Mr.

Anish Augustine, Program Coordinator Mr. Akhil Sekharan were addressed the gathering. More than 200 graduates from other colleges have participated in different workshops. The series consisted of four sessions, each of which delved into various technological aspects such as blockchain, cyber security, soft skills, and mobile application development. The speakers were experts in their respective fields, and they imparted a great deal of knowledge to the participants. In this report, we will take a closer look at each session and its key takeaways. The Techsphere webinar series was a comprehensive and informative learning experience for degree students. The series covered various aspects of technology, and the speakers provided valuable insights into their respective fields. The series was a great opportunity for students to learn from experts and gain exposure to the latest technological trends.

Conference Participation and Publication

Journal Papers of Eight MCA 202123 Batch students were selected for the international conference on Advanced Computing and Communication Technology on 10th February 2023 at Santhigiri College, vazhithala. And the papers were published in the journal.

FACILITIES SOFTWARE LAB

Wellfurnished software lab with more than 60 most modern computers with latest softwares is installed in the college. All the various software required for the students are made available in the lab. Good collection of the most modern software is made available for the students. The lab is running on both windows and Linux platforms. We also encourage the use of free software.

Department Library

In addition to the college general library, the MCA department library maintains collection of more than 1700 latest edition books related to the academics and new technology. The Department has set up the library to support the students as well as the staff in their academic and research interests. The working time of the library is 8:30 am to 5:30 pm. The library is equipped with suitable infrastructure to facilitate learning and reference.

Hardware Lab

The main objective of the hardware lab is to provide the students with knowledge and working of the hardware devices used in the computer like motherboard, RAM, Processor, SMPS, different add on cards, and other peripherals like printers. Hardware Lab provides students with handson experience in computer hardware. All the systems in this lab are interconnected and backed up with UPS. The lab is equipped with the appropriate number of PCs, other Hardware components, and Toolkits. The capacity of the lab is 60.

DEPARTMENT PUBLICATIONS Study on Current trends in Deep Learning for autonomous driving Sivapriya, Dr. Rajan,Rahul shajan Diabetes prediction using machine learning , Rintu Raju,Dr.Rahul Deep Learning to identify plant species ,Fayas Rasheed,Liz George A systematic study on Cyber Attacks On Medical Data Meera S ,Akhil Sekha Study on Does Electric Vehicle can sustain the equilibrium of environment Arshad Dilaver,Alex Jose Systematic study of sentiment analysis for consumer reviewGopika Vijayan , Liz George Artificial intelligence on vlogging cameras Chandhu Lal , Alex Jose A Survey of Neuromorphic Computing and Neural Networks in Hardware Reshma Roy , Dr. Rahul Shajan A systematic review of threats in data sharing Prathibha Prakash,Akhil Sekharan PLACEMENTS TOP RECRUITERS

Department of Electrical and Electronics Engineering SJCET Palai Department of Electrical and Electronics Engineering Software Development Center 20240620T07:03:2200:00 About the Department The Dept. of EEE, SJCET offers fouryear undergraduate programme, B.Tech in Electrical and Electronics Engineering accredited by NBA that equips students with the knowledge and skills required for a successful career in the fastpaced field of Electrical and Electronics Engineering. The programme was started in 2004 under the guidance of Prof. P.V. Varkey, with an intake capacity of 60 students. Now the intake capacity is thirty and Dr. Ginu Ann George is the Head of the Department, supported by a team of 12 fully qualified faculty and 3 diploma holders as instructors. During the period of 2013 to 2020, the department also offered a postgraduate programme, M.Tech in Power Electronics and the first batch itself bagged university First Rank. The B.Tech in Electrical and Electronics Engineering programme of the college is much sought after destination for electrical engineering students of the state because of its industry oriented teaching learning process and its highly elevated ranking. The department is proud of its faculty and infrastructure with modern classrooms and well-equipped laboratories having advanced settings and equipment necessary for the state of the art practical sessions. Special features of the department are training in commercial solar system design, industrial electrification design and maintenance, and energy conservation and auditing. After completing the B.Tech programme in Electrical and

Electronics Engineering, students have various career opportunities to choose from electrical power generation, transmission, distribution, utilization, electric vehicles and EV charging stations, automation and control, research and development, and in nation building process including fully electrified railways, villages etc. Academic oriented students can pursue higher studies in M.Tech, MBA, Ph.D. etc The departments strong alumni network is very significant with graduate alumni of the Electrical and Electronics Engineering programme working in top companies both in and outside India. The active participation of both faculty and alumni in the college placement cell provides enhanced career guidance and placement opportunities to students aspiring to join the Electrical and Electronics Engineering industry as well as other fields.

Vision Mission Program Outcomes

POs: Vision Develop technically competent, emotionally strong and socially committed Electrical Electronics Engineering professionals of international excellence.

Mission To develop and maintain a conducive infrastructure and learning environment, to bring out good quality Electrical Electronics Engineering graduates. To appoint and retain a team of competent, dedicated and research oriented faculty. To inculcate ethical moral values among students and faculty.

Program Outcomes POs:

Engineering Graduates will be able to:

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Conduct investigations of complex problems: Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

The engineer and society: Apply reasoning informed by the

contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Educational Objectives PEOs Program Specific Outcomes PSOs COPO Mapping

Program Educational Objectives PEOs Career: Graduates will identify, analyze, design, install, maintain and operate on electrical engineering products and systems to provide solution in complex electrical fields. Technical: Graduates will be a lifelong learner of state of the art technology through collaboration with industry and academia. Behaviour: Graduates will practice the modern technology with commitment to engineering ethics, human values and environmental sustainability.

Program Specific Outcomes PSOs Graduates will have the ability to Apply knowledge of mathematics, science and engineering to design, commission and maintain various types of electrical systems and address challenges in the field. Derive sustainable solutions to complex electrical engineering problems that meet the specified needs with ethical, social and environmental considerations. Empower the students for lifelong learning so as to adapt to dynamic changes in Electrical Engineering.

COPO Mapping COURSES WE OFFER B.Tech in Electrical and Electronics Engineering Bachelor of Technology in Electrical and Electronics Engineering is an undergraduate

degree program that focuses on the principles and applications of electrical and electronic systems. The program typically includes a blend of theoretical coursework, laboratory exercises, and practical projects to provide students with a comprehensive understanding of electrical and electronics engineering principles. Students in this program study topics such as circuit theory, electromagnetism, digital electronics, electrical machines, power electronics, power systems, microprocessors and control systems. Career opportunities include roles such as electrical engineer in Power Generation and Distribution, Manufacturing, Renewable Energy, Automotive Industry and electric vehicles, Aerospace and Defense, Consulting and Engineering Services and Research and Development. Ph.D. Electrical and Electronics Engineering Department of Electrical and Electronics Engineering is recognized as research centre by APJ Abdul Kalam Technological University. Research supervisors are available with area of expertise in Electrical and Electronics Engineering such as electric vehicle battery management system, Soft computing techniques, power electronics, power system, grid integration of renewable energy etc. Ph.D. in Electrical and Electronics Engineering is a rigorous and specialized program focusing on advanced research in areas. The research scholars pursuing the Ph.D. degree typically conduct original research under the guidance of research supervisors, culminating in a dissertation that contributes new knowledge to the field. This degree equips graduates with the expertise to pursue academic careers as professors or researchers in industry, government agencies, or research institutions. Research Regulations

Syllabus	Course Offered	Duration	Intake	Syllabus
B.Tech Electrical and Electronics Engineering	4 Years	30	view	Ph.D. Electrical and Electronics Engineering
36	years	INITIATIVES BEYOND THE CLASS ROOM	ENCON Green Club	The ENCON GREEN CLUB of SJ CET was started by the Electrical and Electronics Engineering Department to focus on Energy Conservation and Environment Protection activities. Effective Energy Utilization identification of the areas of possible energy conservation and environmental protection are carried out at SJ CET under the guidance of the HoD, EEE Dept. Our goal is to become as self reliant as possible in the use of energy and water in our campus and be an example to other institutions. ENCON GREEN CLUB of SJ CET is affiliated to the ENCON Club of BPCL Kochi from 2009 onwards and was inaugurated on 12th October 2009.

The management, faculty and the students of our college consciously join hands to make the campus ecofriendly and energy efficient.

CONSULTANCY WORK The Department undertakes Electrical consultancy in various Electrical Engineering and related fields. Faculty members and students actively participate in the consultancy works which help the students in getting campus offcampus employment in the power sector.

OUR STRENGTH Department Level Committee
 Department Advisory Board DAB V. P. Devassia, Principal Exofficio Member Ginu Ann George, HoD
 EEE Chairperson Shanooga Chandran, Assistant Prodeessor, EEE Dept. Member Secretary Fr. Thomas Njavallil, Lab Manager Member, Management Representative Elizabeth Alphonsa Jose, Assistant Professor, EEE Dept. Member, Department Faculty Tomson Thomas, Associate Professor, EEE Dept. Member, Department Faculty Sabarinath G., Assistant Professor, CSECY Dept. Member, Faculty representing other engineering disciplines Sachin Jose, Corporate Relations and Placements Member Dijomon N. P., Lab Instructor EEE Member, Support Staff Representative Pauls Xavier, Admn. No. 21EE045 Member, Student Representative Sunilkumar P.K., Fo Jagan S., Admn. No. 22EE019 Member, Parent Representative Thomas Sabu, Membership Development Chair, IEEE Kerala Session Member, Professional Society Representative Arun Dominic, Assistant Engineer, KSEB Ltd. Member, Industry Representative Abeet Kurian, Assistant Engineer, KSEB Ltd. Member, Industry Representative Divya James, Assistant Professor, EEE Dept. Member, Alumni

Department Academic Committee DAC P. V. Varkey, Emeritus Professor Ginu Ann George, HoD, EEE Chairperson Elizabeth Alphonsa Jose, Assistant Professor, EEE Dept. Convenor Dijomon N. P., Lab Instructor EEE Member

RESEARCH SUPERVISOR FACILITIES
 CONTROL SYSTEMS LAB
 ELECTRICAL MACHINES LAB
 ELECTRICAL MEASUREMENT LAB
 COMPUTER SIMULATION LAB
 POWER ELECTRONICS LAB
 APPLIED ELECTRONICS LAB

UNIVERSITY EXAM TOPPERS ACTIVITIES ACHIEVEMENTS
 ACTIVITIES OF THE ENCON GREEN CLUB FOR 201718 ACADEMIC YEAR
 EMINEO 2018 IntraCollegiate Project Competition Exhibition April 2018
 ENCON Club organized an Intracollegiate Project Competition, EMINEO 2018 among final year B. Tech students on 5th April 2018. Altogether twenty-nine projects were displayed from various departments in the College. The best project was Solar agro sprayer with sun tracking system and

Plastic bottle recycling machine with a method for conservation of energy and environment protection. An amount of Rs.15,500 was awarded to the winners. The faculty members, Dr. Justine Joseph of Electronics Instrumentation Department, Dr. Rajesh Baby of Mechanical Department and Prof. Sarju S of Computer Science Department were the judges of the project competition. National Technology Day Celebrations on May 2018 ENCON Green Club in association with Kerala State Council for Science, Technology and Environment KSCSTE celebrated National Technology Day on 15th May 2018 for higher secondary students, by conducting quiz competition and a lecture. The theme of the lecture was Energy Conservation and Environment Protection through Technology. Eighty students from twenty-six schools participated in the celebrations. First prize winners were Mr. Bibin N. Biji of St. Pauls HSS, Moonnilavu. Second position was achieved by Ms. Nikitha S Pattani Ms. Tess Kurian of De Paul Public School, Kuruvilangad and third position by Ms. Emma Maria Joseph Ms. Jeslet Joy of St. Marys HSS, Bharananganam. Merit certificates and cash prize of Rs. 6,000 were disbursed to the winners.

Energy Conservation Seminar on March 2018 SJ CET ENCON Green Club organized an Energy Conservation Seminar at Kanakkari Panchayath Auditorium in association with Executive Club, Kuravilangad on 3rd March 2018. Sri. Mons Joseph, MLA inaugurated the programme. Prof. P. V. Varkey presented a seminar on various energy saving opportunities in the use of domestic appliances. Around two hundred villagers participated in the programme.

ACTIVITIES OF THE ENCON GREEN CLUB FOR THE YEAR 2018-19

Workshop on Solar Power Systems on October 2018 ENCON Club in association Electrical Engineering Association of SJ CET jointly organized two-day technical workshop on Solar Power Systems on 26th and 27th of October 2018 for Plus two students and technical staff of VHSS Ponkunnam. Prof. P. V. Varkey HoD EEE and Prof. Anoopraj M.R. Asst. Professor, EEE Dept. handled different sessions of the workshop.

Energy Conservation Seminar on March 2019 SJ CET ENCON Green Club organized an Energy Conservation Seminar at Kanakkari Panchayath Auditorium in association with Executive Club, Kuravilangad on 3rd March 2019. Sri. Mons Joseph, MLA inaugurated the programme. Prof. P. V. Varkey presented a seminar on various energy saving opportunities in the use of domestic appliances. Around two hundred villagers participated in the programme.

ENCON WEEK 19 on

March 2019 ENCON GREEN Club celebrated ENCON WEEK from 25th to 29th March 2019, by conducting Quiz Programme, Drawing Competition and Essay Writing Competition to promote awareness of conservation of energy and protection of environment among students of SJ CET. Ms. Sona James Ms. Cecil Susan Kurian of S8 EEE secured the first prize in the Quiz Competition. Mr. Antony Alex Mr. Bonny Mathew Antony of S8 MEA secured the second prize in the Quiz Competition. Mr. Betsen Benedict S8 MEA secured the first prize and Ms. Anju K. Cherian S8 CS secured second prize in the Drawing Competition. Mr. Juvan Josias Thattil of S8 ME B secured first prize and Mr. Anju K Cherian of S4 CSE A secured second prize in the Essay Writing Competition. Award Winner Best ENCON Green Club 2019 Receiving Memento and Certificate for the Best ENCON Green Club from BPCL officials for the activities done during the period 201819

ACTIVITIES OF THE ENCON GREEN CLUB FOR THE YEAR 201920 Gandhi Global Solar Yatra GGSY The Gandhi Global Solar Yatra GGSY was organized by Ministry of New and Renewable Energy and IIT Bombay in the context of climate change, energy access, selfsufficiency in energy and global harmony marking the 150th birth anniversary of Mahatma Gandhi. As a culmination event, the Students Solar Ambassador Workshop was organized on 2nd October 2019 wherein more than 1 Million students received handson training in the solar lamp assembly across the globe. As part of this great initiative, Electrical and Electronics Engineering Department of SJ CET joined hands with Gandhi Global Solar Yatra mooted by Ministry of New Renewable Energy, Govt. of India under the leadership of IIT Bombay. ENCON Green Club and SJ CET Bootcamp associated with this movement and organized workshop on 2nd October 2019. 50 students of SJ CET from various departments registered and actively participated in the entire programme. Prof. P. V. Varkey, HoD EEE, Prof. Jojin Thomas, AP EEE, Prof. Don Cyril Thomas, AP EEE and Prof. Anoopraj M. R, AP EEE handled different sessions of the workshop.

ENCON WEEK 20 on February 2020 ENCON GREEN Club celebrated ENCON WEEK from 13th to 15th February 2020, by conducting Quiz Programme, Drawing Competition and Essay Writing Competition to promote awareness of conservation of energy and protection of environment among students of SJ CET. Mr. Manoj Poudel Mr. Bright Benson Berthold of S2 EEE secured the first prize in the Quiz Competition. Ms. Deepthi

Mery John Ms. Silpa G. of S6 EEE secured the second prize in the Quiz Competition. Mr. Athul Thankachan Mr. Arjun Pradeep of S2 EEE secured third prize in the quiz competition. Mr. Alen V. Jose of S6 CE secured the first prize and Ms. Swetha Mathew Neerakkal S4 M. Tech. CE SECM and Mr. Noel Thomas of S2 EI secured second third prizes in the Drawing Competition respectively. Mr. Noel Thomas of S2 EI secured first prize and Mr. Amal Mathew Varghese of S6 EEE secured second prize in the Essay Writing Competition. Third prize for the essay writing competition was bagged by Mr. Joel Jose of S6 EEE. A Journey to Solar Workshop on Solar Power Systems ENCON Club in association with IEEE PES of SJCET jointly organized oneday technical workshop on Solar Power Systems on 19th of September 2019 for SJCET students of various departments. Prof. P. V. Varkey HoD EEE and Prof. Liju Mathew R Asst. Professor, EEE Dept. handled different sessions of the workshop. All participated students visited and acquired knowledge about the installation and working of 100kW Solar power plant installed at the rooftop of the College buildings Award winner Renewable Energy Award 2018 by ANERT SJCET bagged the Kerala State Renewable Energy Award 2018 , constituted by Agency for Nonconventional Energy Rural Technology ANERT in the category of Educational Institution for the contribution towards renewable energy projects and energy conservation methods implemented. Student Achievements Hearty congratulations to Mr. Jagan S. S1EEE, 202224Batch of SJCET for winning Gold Medal in APJAKTU Karate Championship 202223 at MA College of Engineering, Kothamangalam on 19122022. Jagan S. represented APJAKTU in the All India Interuniversity Karate Tournament 202223 at Atal Bihari Vajpayee Vishwavidhyalaya, Bhilaspur, Chhathisgarh. Industrial Visit BatchName of IndustryNumber StudentsDateDetails S6 EEE 202024 Batch U.R. RAO SATELLITE CENTRE, BANGALORE 34 May 11, 2023 More S8 EEE 201923 Batch Tasty World Pvt. Ltd. 31 April 27, 2023 More S6 EEE 201923 Batch Pallivasal Hydro Electric Power Station 32 July 8, 2022 S8 EEE 201822 Batch Kaynes Technology India Limited 22 May 4, 2022 S8 EEE 201620 Batch Malabar Regional Cooperative Milk Producers Union Limited, Wayanad 27 February 22, 2022 S5 EEE 201620 Batch Kerala Electrical and Allied Engineering Co. Ltd. 28 December 21, 2018 Energy Awards The ENCON GREEN CLUB of SJCET was started by the Electrical and Electronics

Engineering Department to focus on Energy Conservation and Environment Protection activities. Effective Energy Utilization identification of the areas of possible energy conservation and environmental protection are carried out at SJCET under the guidance of the HoD, EEE Dept. Our goal is to become as self reliant as possible in the use of energy and water in our campus and be an example to other institutions. ENCON GREEN CLUB of SJCET is affiliated to the ENCON Club of BPCL Kochi from 2009 onwards and was inaugurated on 12th October 2009. The management, faculty and the students of our college consciously join hands to make the campus ecofriendly and energy efficient.

Sl. No.	Awards received	Authority	Year
1	Kerala State Energy Conservation Award	Energy Management Centre Govt. of Kerala	2010
2	Runnerup ENCON Club Award	BPCL Kochi Refinery	2011
3	Best ENCON Club Award	BPCL Kochi Refinery	2012
4	Best ENCON Club Award	BPCL Kochi Refinery	2013
5	Best ENCON Club Award	BPCL Kochi Refinery	2014
6	Best ENCON Club Award	BPCL Kochi Refinery	2015
7	Best ENCON Club Award	BPCL Kochi Refinery	2019
8	Kerala State Renewable Energy Award	The Department of Power, Govt. of Kerala through ANERT	2018

Association Activities Invited Talks Innovations Experiential Learning TRAINING ON ELECTRICAL SYSTEM DESIGN OF HIGHRISE BUILDING Due to the lack of available land, highrise structures are becoming more common in todays society as the need for commercial and residential space rises. Additionally, the need for aesthetics in urban settings, cultural significance, and status drive human aspiration to develop higher through technological advancements in structural systems. On 3rd May 2023 Prof. P.V. Varkey the former HoD of Electrical Electronics Engg. department took an informative class on the electrical system design of the St. Francis block, the sixstorey building in the college. 25 students of S8EEE were actively participated in the class. At first, the class was on

emergency switch of a highrise building to cutoff the entire electricity in the building. Then we proceeded to the electrical room of the building. The electrical room was a pool of new knowledge to students. Different feeders were given to different floors, lifts, fire pumps and spare were given for the future expansions. The earthing of the building was explained. The generator connection and solar backup were taught during the session. Then we moved to the different types of ducts of the building. Among them, one of the most important was the fire duct. The building has an efficient firefighting system which include fire alarms, emergency switches for lifts in each floor, booster pumps etc. Also, the building has an emergency exits in both sides. The electrical duct, communication duct and UPS duct were explained in detail. After the class about ducts, the next discussion was on lifts. The lift technology and the electrical aspects of the lift were explained. After that the session comes to an end. Prof. P. V Varkeys class was very interesting and educational. It was a new experience to the students. Not only the electrical aspects, but also the civil aspects were also explained during the program. The entire session was excellent, and students were able to connect the theoretical material to an actual experience.

Visit to Solar Power Plant The department of EEE in association with continuing education and skill development cell conducted a visit to Solar Power Plant for the third year 202024 EEE Batch students on 09122022. Professor Emeritus P.V. Varkey explained the fundamentals and operational details of Solar Power Plant. During the field visit, he detailed all the information regarding solar power generation, conversion of dc to ac power and the ongrid solar power system. Students expressed their gratitude to the department for organizing such an informative session.

Visit to 11kV Substation The department of EEE in association with continuing education and skill development cell conducted a visit to 11kV Substation for the third year 202024 EEE Batch students on 15122022. Professor Emeritus P.V. Varkey explained the fundamentals and operational details of Substation. During the field visit, he detailed all the information regarding distribution system and the functions of transformers and generators in power system. Students expressed their gratitude to the department for organizing such an informative session.

AudioVisual aid Audiovisual methods for teaching are always more effective over conventional teaching methods. There is an LEDLCD screen which plays videos on

topics related to electrical machines and electronics devices. The labs are displayed with various charts on eminent personalities in the electrical field. Construction of various equipment and their principle of operation have been explained in other charts. These methods provide a better means to engross the students. The teaching and learning process is made efficacious through animated power point presentation ppt. Certain complex topics are made easier to understand through animation option available in ppt. This not only increases the attentiveness of the students but also makes the teaching and learning process easier. Casestudies and group discussion on relevant topics especially during noncredit courses also inculcates soft skills in students. Peer group teachinglearning method is adopted where a student teaches a topic to three or four students assigned to himher. This method is beneficial and engaging during the revisions after a topic or a module. Virtual labs We also utilize virtual lab facility which is an initiative of Ministry of Education under the National Mission on education through ICT. These simulationbased labs facilitate the students to test and understand the experiments at their own pace and convenient time. elearning resources Students are encouraged to utilize the Elearning resources through NPTEL courses, e books, ejournals to further enhance their knowledge. Faculty members provide them information on NPTEL courses available online related to their stream. The college library also has the provisions to refer ebooks and ejournals. Students can access more than 15 000 ebooks and over 4000 ejournals hosted by science direct and IEEE which available through the main library through institutional login. Apart from this, the students are intimated on webinars, online workshops on various technical and nontechnical subjects which gives then the opportunity to add to their skills and expertise. Learning Management System and etlab LMS moodle is an open source and free to download Leaning Management System. It is a platform that empowers the teaching and learning process. Faculties upload their notes, ppt slides, lecture videos and previous university questions on their webpages which can be accessed by the students. One of the quickest way to check the teaching and learning performance is through quizzes. The urge to answer the objective type questions set up by the faculty makes them revisit the topics. The LMS moodle was used extensively during the Covid19 pandemic. Etlab is a web application that provides online services to

students and faculty members. Class materials can be uploaded by faculty and course attainment can be analysed instantly after a test or assignment. Though LMS moodle is still used for submission of assignments, project report and accessing lab experiment details, most of the work has been shifted to etlab. Remedial classes Remedial hours are part of the timetable where weaker students are given coaching on coredifficult courses. Apart from this special coaching class for previous year students before their supplementary exam is provided. These extra classes are arranged during the study leave. Placements Notable Alumni Alumni Testimonial Department Newsletter

Department of Science and Humanities SJCT Palai Department of Science and Humanities Software Development Center 20240816T01:29:5800:00 A strong foundation in basic science and humanities will definitely provide the students with a suitable platform for the development of analytical skills and attainment of professional competence. Under the leadership of DR. JYOTHIS THOMAS, the Department of Science Humanities of SJCT provides all our students superb exposure in various disciplines such as Engineering Mathematics, Engineering Physics, Engineering chemistry, Soft skills, Economics, Physical Cultural education. We do our best to inculcate in our students a natural flair for engineering and technology. The Science Humanities Department also coordinates various activities to induce the best humane values through moral classes, guidance and counseling sessions, Jesus Youth activities, yoga and meditation. Students are encouraged to get training in various sports and games. They also get fitness training under the guidance of our Physical Education Director at the well equipped gymnasium. To sharpen the communication and language skills the department maintains a top class Multimedia Language lab. Competent, dedicated and experienced personnel of Science Humanities department play a vital role in moulding students to become excellent engineers. Vision Mission Objectives Goals Vision Holistic development of engineering graduates with updated knowledge in basic sciences and humanities. Mission To impart knowledge regarding the basic concepts in Mathematics, Science, Economics Life Skills. To improve the analytical skills for the application of mathematical and scientific

techniques in engineering. To motivate the students for seeking careers related to engineering technology. Objectives The objective of the department is to build a strong foundation in Mathematics, Sciences and Humanities so that these skills can be applied effectively in technological environment. Goals To provide the best available basic knowledge day to day innovations to the student community To facilitate the faculty to enhance their knowledge skills, the required internet accessibility is provided. To train the faculty and technical staff to utilize and develop effective teachinglearning modules and to adopt the modern trends in Education Technology concepts and media. To encourage teachers to actively take part in arranging National and International level workshops, seminars and conferences. OUR STRENGTH FACILITIES Engineering Chemistry Lab Laboratory work has been given a central and distinctive role in the Chemistry education. As the technology rests on the firm foundation of science, Chemistry is an excellent way to help technical students to understand the relationship between science and technology. Experimental work plays a very important role in it. Chemistry Lab in in our college is well equipped to design and execute the experiments and interpret the results obtained henceforth. The Chemistry Lab which caters to the needs of First year B.Tech students has equipments for conducting the experiments of the course and also the interdisciplinary projects. Presently Chemistry lab accommodates the objective of better understanding of syllabus of 1st year B.Tech and absorbs the theory along with implementing it practically. Chemistry lab can presently accommodate 30 students working at the same time in a session. Students conduct experiment in a group of two to learn team work and help each other for the same. The titrations are conducted individually by the student. Engineering Chemistry Lab incorporates the experiments which involve the volumetric estimation of chemicals, estimation of ores, preparation of polymers and determination of various properties of water samples. This lab comprises of the sophisticated instruments like colourimeter, Conductivity meter, pH meter, Flame Photometer, and Spectrophotometer etc. along with the other relevant glass wares, reagents and materials to be studied. Well prepared laboratory manuals for all experiments facilitate easy reference and aid students to execute the experiments. Lab is operational daily for 4 hours, during which one faculty

member and two lab instructors are present for guidance. Well observed activity time and strict discipline is adhered to ensuring quality work and safety of both personnel and equipment. Engineering Physics Lab Experimental work involves measurement and analysis of various data to verify the laws and principles of different branches of Physics. Laboratory work plays a significant role in the development of the ability of observation, logical analysis of results and analytical skill of students. The experiments in Engineering Physics are designed to impact practical knowledge about some of the phenomena that the students have learnt in Engineering Physics course and to enhance the experimental skills of students. The main objective is learning by doing. The students are given exposure to a number of measuring instruments in various areas of Physics and Engineering. A well-equipped Physics lab which can accommodate a batch of 30 students provides ample facilities for performing experiments both individually and as a team. The lab has sophisticated measuring instruments such as CRO, HeNe laser source, Spectrometer, Polarimeter, Newton's Rings Apparatus etc. Laboratory manual which describes the theoretical background and methodology of experimental observation provides guidance to students in the lab performance. Members of faculty and lab instructions ensure good discipline in the lab and proper handling of the apparatus.

Department of Electronics and Communication Engineering SJCE Palai Department of Electronics and Communication Engineering Software Development Center 20250108T09:15:5000:00 The Department, under the guidance of Dr. Arun P., Professor and Head, and with a fine blend of renowned as well as young and dynamic personalities as faculty, has always followed many innovative practices for the holistic development of the students. The department was incepted in the year 2002 and the very first batch student brought university second rank to the college. CourseDurationIntakeSyllabus B.Tech in Electronics and Communication Engineering 4 Years 60 View M.Tech in VLSI and Embedded Systems 2 Years 9 View M.Tech in VLSI and Embedded Systems Working Professionals 2 Years 15 View Ph.D. in Electronics and Communication Engineering 36 years Vision Mission COPO Mapping Vision Develop into a center of excellence in

Electronics and Communication Engineering contributing to socioeconomic progress. Mission To develop and maintain adequate infrastructure for a pacesetter Electronics and Communication engineering. To bring up a team of committed, proficient and research oriented electronics and communication engineering faculty. To nurture students into ethical, emotionally strong and technically competent graduates to meet the dynamic challenges of the society. COPO Mapping COPO Mapping Placement 2020 Congratulations all.. COURSES WE OFFER B Tech Electronics and Communication Engineering ECE An Engineering program which seamlessly articulates the concepts from basic sciences to technology with relevant practice through labs and projects for building the problem solving skills, keeping industry requirements in place. Students will develop competence in areas like Signal Processing, Communication systems, VLSI Design, Embedded systems and Robotics etc. Program Educational Objectives PEOs Programme Specific Outcomes PSOs Program Educational Objectives PEOs PEO I: Graduates will have a promising professional career in the area of electronics communication or will pursue higher educationresearch. PEO II : Graduates will provide suitable solutions to the problems in various areas of electronics and communication engineering. PEO III : Graduates will work successfully in collaborative and multidisciplinary teams upholding professional and ethical values. Programme Specific Outcomes PSOs PSO 1: Apply fundamental knowledge of Electronics and Communication Engineering in the design, analysis and development of various electronic systems PSO 2: Use modern software and hardware tools in electronics engineering for the analysis of complex electronic systems M.Tech in VLSI and Embedded Systems An industrial collaborative program, aimed at circuits and systems design both Front end Back end covering algorithms, Hardware description Languages, System Architectures, Physical designs, Verification techniques, Simulation Synthesis, Low power design techniques and mixed mode design methodologies. Design and implementation of integrated circuits using industry standard tools like Cadence SpectraAssura, Vivado, Xilinx ISE , Microwind etc. will transform the students to be industry ready. Program Educational Objectives PEOs Program Specific Outcomes PSOs Program Educational Objectives PEOs M.Tech in VLSI Design and Embedded Systems Program, graduates will be able to: PEO 1. Identify and apply appropriate

Electronic Design Automation EDA to solve real world problems in VLSI and Embedded Systems domain to create innovative products and systems. PEO 2. Develop managerial skill and apply appropriate approaches in the domains of VLSI design and Embedded Systems incorporating safety, sustainability and become a successful professional or an Entrepreneur in the domain. PEO 3. Pursue career in research in VLSI Design and Embedded Systems domain through self learning and self directed on cutting edge technologies. Program Specific Outcomes PSOs M.Tech in VLSI Design and Embedded Systems Program, Graduates will be able to: PSO 1.Acquire competency in areas of VLSI and Embedded Systems, IC Fabrication, Design, Testing, Verification and prototype development focusing on applications. PSO 2.Integrate multiple subsystems to develop System On Chip, optimize its performance and excel in industry sectors related to VLSI Embedded domain.

PhD The Ph.D. in Electronics and communication Engineering is a research degree which culminates in a unique dissertation that demonstrates original and creative research. The program has been designed to help the research scholars to gain an indepth understanding of a specialized subject related to Electronics and communication. This would allow them to predict developments and make contributions in area of expertise. The research scholars pursuing the Ph.D. degree are provided with an environment and facilities that help to develop analytic and research skills to define the research problems, to study advanced knowledge base to discover innovative solutions available till date. They are also provided with opportunities to practice consultation so as to facilitate innovative change in organizations, communities, and society.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS IEEE IEEE opens the door to opportunities that will help students to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers.

ECSA Electronics and Communication Students Association The Department of Electronics and communication engineering has always been a Trend Setter of this Institution. Education is simply the soul of a society as it passes from one generation to another.

Commemorating the quote of a famous American civil rights activist, A word as to the education of the heart, we don't believe that this can be imparted through books, it can only be imparted through the loving touch of the teacher, ECSA was proposed with the objective to organize various activities aimed at drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department. [Read More](#) **INNOVATION CLUB** For all students in SJ CET, who are interested in innovation entrepreneurship the Innovation Club is the place to meet likeminded people with complementary skills. Here the students can get inspiration, exchange experiences, build a powerful network and form teams that work on gamechanging ideas, because this club has the necessary skills and resources to support the students. **INITIATIVES BEYOND THE CLASS ROOM** **Mentor System** Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with each student, orients them to college practices, follows their progress regularly and guides them throughout the four year course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps the parents to keep track of their child and their academic performance. **Remedial Education** The students with backlogs have a heavy load as they must take exams simultaneously for both the new semesters subjects as well as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the four year engineering course. To help our students from such situations, remedial classes are provided by the ECE department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease. **Gate Coaching** The department offers evening classes for students preparing for GATE, to help them understand the GATE pattern and solve GATE papers. **SPOKEN TUTORIAL REMOTE CENTER** SJ CET Palai is the resource center for promoting Spoken Tutorial Project IIT Bombay, an initiative of National Mission through ICT, MHRD, Govt. of India. The Spoken Tutorial Project is the initiative of the Talk to a Teacher activity of the NMEICT. SJ CET Palai **SPOKEN TUTORIAL**

REMOTE CENTER will be conducting workshops on Linux, Scilab, PHP MySQL, Python, Java, CC, OpenFOAM, Blender, KTurtle, OScad, GIMP etc. Placement Training Department offers intense placement training on regular basis from third semester onwards.

LEARNING MANAGEMENT SYSTEM

Learning Management System LMS is designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. Visit Here NPTEL Local chapter

NPTEL Local chapter

NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs.

Coursera Campus Response Initiative

Courseras mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJCET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost.

OUR STRENGTH

The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college

Approved Guide

FACILITIES

DEPARTMENT LIBRARY

DEPARTMENT LABORATORY

PLACEMENTS

ACHIEVEMENTS

Latest Faculty Publications Sreesh P.R, Elderly Fall Detection using mmWave Radar Sensor, International Conference on Advances in Electrical, computing, Communications and sustainable Technologies ICAECT 2024, Shri Shankaracharya Technical Campus SSTC, Bhilai, Chhattisgarh, India, January 2024. Arun, M. Mary Synthuja Jain Preetha and P. Careena, Statistically significant featurebased heart murmur detection and classification using spectrogram image comparison of phonocardiogram records with machine learning techniques, Australian Journal of Electrical and Electronics Engineering, February 2024. Arun P, Madhukumar S, Careena

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Tech. and Eng., Vol. 8, pp.71623, June 2019 Careena P., Mary Synthuja Jain Preetha M and P.Arun, Detection of Murmur from NonStationarity of Heart Sounds. Biomedical and Pharmacology Journal, Vol.12, pp.947959, June 2019 Sabarinath et. al., An Investigation on the Effectiveness of Wilson Amplitude for the Detection of chisel Wear in Twist Drill Bit, SJCTET Journal of Engineering Management., Vol.12, pp.27, June 2019 Ms Soya Tresa James Ms Rose Maria Joji presented a paper titled Design Study of N Bit Asynchronous Binary Search Analog to Digital Converter at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . Ms Sunitha S Pillai Mr Manu Mohan presented a paper titled Review on LFSR on Low Power BIST at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . . Dr. George Tom Varghese Ms Litty Chacko presented a paper titled Comparator Design for Low Power High Speed Flash ADC A Review at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 Ms Anuja George Ms Devitha P S presented a paper titled DESIGN OF LOW POWER HIGH SPEED SAR ADC A REVIEW at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . Ms Rincy Merrin Varkey Ms Beema Basheer presented a paper titled Review on Various Full Adder Circuits at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . Publications by Students Sachin Joshy, Arya Sara Alex, Arjun T S, Thejas Krishna and Sunitha S Pillai, Rainwater Monitoring System, International conference on Signal Processing, Instrumentation Communication Engineering SPICE 2K24 organized by Department of Electronics Communication Engineering, MBITS in association with Bureau of Indian Standards BIS on 9th 10th February 2024 Aleena Anil, Alen Tom Vincent, Fahad Asif, Feba Francis and Vijayalakshmi G, Automatic Mocktail Maker, International Conference on Circuit Power and Computing Technologies ICCPCT, Kollam, India, pp. 15, August 2023. Gancis Franco Sathyaraj, Rose Chirackal Joseph, Sachin Anu Philip, Sheethal Maria Thomas and Anto Manuel, AllIntegrated IoTEnabled Smart Mask For SoS Alerting And Disease Prediction Based On

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Melvin, S.N. Sreejith and S. Sandesh, Design and development of an IoT based intelligent multi parameter screening system, Materials Today: Proceedings, Elsevier, December 2021Scopus Indexed. Sreesp. P.R and Amina M K, Design and Implementation of UART AI on FPGA,Materials Today: Proceedings, Elsevier, December 2021Scopus Indexed. Shilpa L.G and Vrinda S V,Design and Implementation of FAST RBSD Multiplier, Materials Today: Proceedings, Elsevier, December 2021Scopus Indexed. Jacob Thomas, Akhil S Nair, Alan Sigi, Amrutha Karthikeyan and Devanarayanan V, IoT based Baby Incubator, International Research Journal of Engineering and Technology, Vol.6, pp.19, June 2021. Scopus Indexed. Juney M G., Aishwarya A, Jyothi B, Anjani S and Donymon J, Braille based communication gloves, Journal of Emerging Technologies and Innovative Research,Vol.8,pp 1624, June 2021. N. F. Giji, A. Ramesh, M. Meera,V. Vipin, M. K. Nath and V. Sreejith, Detection of Melanoma using Deep Learning Techniques: A Review, 2021 International Conference on Communication, Control and Information Sciences ICCISc, 2021, pp. 18 Scopus Indexed N. Prajith, C. Melvin, S.N. Sreejith, S. Sandesh and P.Arun, Design and development of an IoT based intelligent multi parameter screening system, Materials Today: Proceedings, Elsevier, December 2021Scopus Indexed. Amina M K and Sreesp. P.R, Design and Implementation of UART AI on FPGA, Materials Today: Proceedings, Elsevier, December 2021Scopus Indexed. Vrinda S V and Shilpa L.G, Design and Implementation of FAST RBSD Multiplier, Materials Today: Proceedings, Elsevier, December 2021Scopus Indexed. Akhil S Nair, Alan Sigi, Amrutha Karthikeyan, Devanarayanan V, Jacob Thomas, IoT based Baby Incubator, International Research Journal of Engineering and Technology, Vol.6, pp.19, June 2021. Scopus Indexed J. Manu, Shone Sunny, P. Prince, Nithin Jose, Melvin Kurian and G. Sabarinath, Design of Life Detection System for Survivor Tracking in Debris, in Journal of Chengdu University of Technology Science and Technology Edition, vol. 26, no. 8, Aug. 2021.Scopus Indexed Aishwarya Anil, Jyothi Biju, Anjani S,Donymon Jomon and Juney M George, BRAILLE BASED COMMUNICATION GLOVES,Journal of Emerging Technologies and Innovative Research,Vol.8,pp 1624, June 2021. J. Chittilappilly, J. Giby and K. Subramaniam, Efficient Detection of Sheet Metal Defect Using KNN, Journal of Green Engineering, Volume 10, Issue 10, pages 96709680, October

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Sl. No.	Name of the Faculty	Application No	Technology	Patent date	Dept.	Filing Year	Filing Country
1	Dr. Arun.P	202041049776A	AUTOMATED MILK COLLECTION CENTRE FOR INDIAN VILLAGES.	November 20, 2020	ECE	2018	India

Sl. No.	Name of the Faculty	Application No	Technology	Principal Inventor	Dept.	Filing Year	Filing Country
1	Dr. Giby Jose	Medical SYSTEM FOR VALIDATING MOBILITY OF A PATIENT AND A METHOD THEREOF	Dr. Giby Jose	ECE	2020	India	
2	Dr. Giby Jose	Medical DIGITAL STETHOSCOPE AND A PULMONARY DIAGNOSTIC SYSTEM	Dr. Giby Jose	ECE	2020	India	

DEPARTMENTAL ACTIVITIES Industry Institute Interactions Mr. Suraj Prem, Firmware Engineer, Nextica Technology Pvt Ltd. Bangalore, a subsidiary company of Green Cubes Technologies, USA. and esteemed alumna of SJCTET, Palai ECE 201115 batch addressed semester 3, 5 and 7 students, ECE on the topic of Industrial applications of Core Courses in Electronics and Communication Engineering and an Interactive session on interview Placement failures in association with ECSA of SJCTET, Palai on 07/09/2024. Er. Sasikumar Selvaraj, Training session head South Region, SMC Cooperation India Pvt. Ltd, delivered a session on Fundamentals of Industrial Automation to the B.Tech pre final year students of Electronics and Communication Engineering Dept. on 03/09/2024 at Mother Teresa Block seminar hall in association with the students association ECSA. Mr. Adarsh S, Biomedical Engineer, Cyrix Healthcare Private Limited, Kerala delivered a session on Recent Advancements in medical imaging

technologies at the AICTE VAANI Seminar organized by the Dept. of Electronics and Communication Engineering at the AICTE VAANI Seminar, SJ CET Palai, on 31st August 2024. Mr. Ramesh C R, Firmware Engineer, LITIN Labs Pvt. Ltd. Kerala delivered a session on Introduction to Design of Electronics systems for Healthcare and Monitoring at the AICTE VAANI Seminar organized by the Dept. of Electronics and Communication Engineering at the AICTE VAANI Seminar, SJ CET Palai, on 31st August 2024. Mr. Anto P Joy, Biomedical Engineer Caritas Hospital Institute of Health Sciences, Kottayam delivered a session on How Wearable Technology is Revolutionizing Healthcare at the AICTE VAANI Seminar, SJ CET Palai, on 30th August 2024. Dr. Nisha J S, Assistant Professor VIT, Vellore, Tamil Nadu took a session on AI and Machine Learning in healthcare at the AICTE VAANI Seminar, SJ CET Palai, on 30th August 2024. Er. Anoop Gopinathan, Scientist Engineer E, Sree Chitra Tirunal Institute for Medical Sciences Technology SCTIMST, Trivandrum delivered a session on Design and Development of Modern Implantable Medical Devices at the AICTE VAANI Seminar, SJ CET Palai, on 30th August 2024. Er. Sarath S Nair, Scientist Engineer F, Sree Chitra Tirunal Institute for Medical Sciences Technology SCTIMST, Trivandrum delivered a session on Modern Implantable Medical Device Technologies at the AICTE VAANI Seminar, SJ CET Palai, on 30th August 2024. Mr. Adarsh S, Biomedical Engineer, Cyrix Healthcare Private Limited, Kerala handled a session on Therapeutic devices including Ventilator at the AICTE VAANI Seminar, SJ CET Palai, on 29th August 2024. Mr. Polly Thomas, Manager Engineering at Mar Sleeva Medicity Palai delivered a session on Smart Power Management and Energy Efficiency in Healthcare Devices at the AICTE VAANI Seminar, SJ CET Palai, on 29th August 2024. Smart Wearables The Signal Processing Aspects by Dr. Rajesh M V, Principal, College of Engineering Poonjar, delivered a session on Smart Wearables The Signal Processing Aspects at the AICTE VAANI Seminar, SJ CET Palai, on 29th August 2024. Dr. Unni S Pillai, Senior Consultant in Medical Oncology, Caritas Hospital, Kottayam, delivered a session on Pioneering the Future of Oncology through Electronics and Innovation at the AICTE VAANI Seminar, SJ CET Palai, on 29th August 2024. A campus workshop on Basics of Electronics System Design by Mr. Shalu Thomas, Founder and CEO of Digital Core Technologies, was successfully

conducted for the Seventh semester B.Tech ECE students of the 202125 batch in association with ECSA of SJCET, Palai on 19062024. Ms. Maria James, Design Engineer, DCT,Kochi, Kerala and esteemed alumna of SJCET,Palai ECE 201822 batch addressed students of 202125 batch ECE with her experience in association with ECSA of SJCET, Palai on 19062024. Mr. Muhammed Saheer, Senior Cybersecurity Analyst, Qatar Airways and esteemed alumnus of SJCET,Palai ECE 200610 shared his expertise with S7 ECE students 202125 batch on 14062024 in association with ECSA of SJCET, Palai. Mr. Saheer Muhammed C P, HVAC Engineer at MAG Group, Dubai, shared his expertise with seventhsemester ECE students 202125 batch on June 14, 2024 in association with ECSA of SJCET, Palai. Ms. Jeslet Joy, a distinguished alumna of the 202024 ECE batch, currently placed at Digital Core Technologies DCT in Kochi, Kerala, shared her valuable inputs on June 14, 2024, on how to effectively prepare for the recruitment process at DCT with the seventh semester ECE students of the 202125 batch in association with ECSA of SJCET, Palai. Dr. Tripti S. Warriar of DoE at CUSAT, Kochi, Kerala delivered a halfday title session on Fundamentals of SoC and its design methodologies as part of the FDP on Unleashing the Potential of SystemOnChip and its Architecture for the faculties from this Dept. as well as from various colleges on 15012024 at SJCET, Palai. Mr. Ramesh C R of LITIN Design Labs Pvt. Ltd, Singapore delivered a halfday theory and lab session on Vivado to Introduce SoC and its Types for the faculties from this Dept. as well as from various colleges on 15012024 at SJCET, Palai. Ms. Jenu Annai Abraham, SOC Engineer, Synopsys India Pvt. Ltd,Bangalore delivered a halfday session on significance of design verification in SOC for the faculties from this Dept. as well as from various colleges on 16012024 at SJCET, Palai. Dr. Jayakumar E. P, Assistant Professor, Dept. of ECE, NIT Calicut delivered a halfday theory and lab session on vivado with a major focus on SoC design challenges for the faculties from this Dept. as well as from various colleges on 16012024 at SJCET, Palai. Dr. Sabarimalai Manikandan,Dept. of Electrical Engineering of IIT Palakkad delivered a halfday session on Advanced Semiconductor Technologies for SoC for the faculties from this Dept. as well as from various colleges on 17012024 at SJCET, Palai. Mr. Christy Nainan, project engineer, Magnima LLC USA delivered a onehour physical hands on session on Air Point Ring for the faculties from this

Dept. as well as from various colleges on 17012024 at SJ CET, Palai. Dr. Subrahmanyam Mula of IIT Palakkad delivered a halfday session on Vivado to focusing on Custom IP design for realtime signal processing applications for the faculties from this Dept. as well as from various colleges on 17012024 at SJ CET, Palai. Dr. Bidhan Pramanick of IIT Goa delivered a halfday session on Introducing Lab on Chip LOC for the faculties from this Dept. as well as from various colleges on 18012024 at SJ CET, Palai.. Dr. Bindiya T. S of NIT Calicut delivered a halfday session on Low power SoC design and Research trends and a lab session on VLSI Backened design flow for the faculties from this Dept. as well as from various colleges on 18012024 at SJ CET, Palai. All staff of Department of Electronics and Communication Engineering ECE visited K R Narayanan National Institute of Visual Science and Arts, Chengalam, Kottayam,Kerala on 19012024. Mr. Mithun C.A, Product Design Engineer at SanDisk, Bangalore delivered a halfday session on SoCs beyond consumer electronics for the faculties from this Dept. as well as from various colleges on 20012024 at SJ CET, Palai. Mr. Ullas Ponnadi Managing Partner at UBVenture LLP delivered an interactive physical session on the topic of The Future of Jobs for B. Tech students of 20202024 batches on 04122023 in association with ECSA of SJ CET, Palai. Ms. Gayathri. K, Senior Systems Engineer of Infosys Bangalore and Mr. Devanarayanan V, Hardware Engineer, Kimbal Electronics of Technopark in Trivandrum interacted with S1 ECE students to clear their doubts on how to proceed in Engineering and its job opportunities on 27112023 at SJ CET, Palai Ms. Diya Sebastian of S7 Electronics and Communication department of SJ CET Palai, delivered an online techtalk on the topic Parallel Hybrid Aircraft for the students from every year on 23112023 at SJ CET Palai. Mr. Rinu Mathew, Design Verification Engineer of Smartsoc Solutions and Former President of ECSA delivered an online tech talk on overview of VLSI industry on 18112023. Mr. Anantha Krishnan M, Data Analytics Engineer of Guide house India Pvt. Ltd in Trivandrum Ms. Amritha Asok, Senior Systems Engineer of Infosys Bangalore delivered an offline interactive session for S5 students for clearing their doubts on 10112023 at SJ CET, Palai Mr. Aibel Bin Zacariah, S1Artificial Intelligence and Data Science of SJ CET Palai, delivered an online techtalk on the topic Introduction to Arduino and its Applications for the students from every year on 07112023 at SJ CET, Palai. Mr. Ruben

Abraham Shibu, Security Service Associate of Synopsys Inc. Bangalore and Mr. Nishanth Benny addressed the students of S5 ECE with their experience on 04112023 at SJ CET, Palai. Ms. Rakshith Kashyap, Associate Manager at CoreEL Technologies and Siva Subramanian R, Application Engineer at CoreEL Technologies delivered a threeday workshop on the fields of Signal Processing, Image Processing, Communications, Deep Learning, and Neural Networks using MATLAB for final year students on 27102023 at SJ CET, Palai. Mr. Arjun Santhosh, S5 Electronics and Communication Engineering Student at SJ CET, Palai delivered an online techtalk on the topic Harvesting Radio Frequency Energy for the students on 24102024 at SJ CET, Palai. Mr. Muthukrishnan G, Staff Engineer of Juniper Network,Bangalore delivered an online session on Realtime Application on AWS cloud Developments for the students on 07102023 at SJ CET, Palai. Ms. Angitha Maria Mathew, 201620 Batch ECE delivered an online prep talk on Preparing for Interviews and Building Resumes for all the students on 01102023 in association with ECSA at SJ CET, Palai. Mr. Martin Francis, student of S7 ECE at SJ CET Palai, delivered an online webinar on AI Images using Microsoft Bing for all the students on 21092023 in association with ECSA at SJ CET, Palai. Ms. Chippymol K Binu, S7 Electronics and Communication Engineering Student at SJ CET, Palai delivered an online workshop on Mendeley, for all students on 12092023 in association with ECSA at SJ CET, Palai. Ms. Jeslet Joy of S7 Electronics and Communication Department, SJ CET Palai delivered an online techtalk on the topic Aireborne Radars for all the students on 06062023 in association with ECSA at SJ CET, Palai. Prof. SABARINATH G, Assistant Professor in department of Electronics and Communication Engineering of SJ CET, Palai delivered an online webinar on How to Build a Resume for the students mainly focused on 3rd yrs. on 06032023 in association with ECSA at SJ CET, Palai. S. Thomas, MD CEO of Digital Core Technologies Pvt Ltd had given a oneday Workshop on BASICS OF ELECTRONIC SYSTEM DESIGN for the final year students of 202024 batch B. Tech of the department on 14082023 in association with Electronics and Communication Students Association ECSA of SJ CET. Mr. Justin Thomas, Librarian, SJ CET Palai had given an offline workshop on EFFECTIVE UTILISATION OF ELECTRONICS RESOURCES IN ENGINEERING PROJECT AND SEMINAR on 16th August 2023

from 9:30 am to 12:30 pm in association with Electronics and Communication Students Association ECSA of SJCET. Electronics and Communication Students Association ECSA of SJCET, Palai organized an online session on HOW TO PREPARE FOR YOUR DREAM JOB IN ELECTRONICS by Mr. Mathew Benny, Software Systems Engineer, HewlettPackard, Bangalore on 12th April 2023. ECSA of SJCET, Palai organized an online session COMMUNICATIONS SYSTEMS IN KOCHI METRO RAIL LTD. by Mr. Shijin P V. Telecom In charge ST Projects, KMRL, Kochi on 31st March 2023. ECSA of SJCET organized a twoday offline workshop on INTRODUCTION TO SDR AND DEMYSTIFYING THE DSP KIT DSK6748 by Mr. Abhishek K R, Applications Engineer, Starcom, Bangalore on 4th and 15th March 2023. ECSA of SJCET organized an offline workshop on EFFECTIVE UTILISATION OF ELECTRONICS RESOURCES IN ENGINEERING PROJECT AND SEMINAR on 14th September 2022 at 2:30pm IST by Mr. Justin Thomas, Librarian, SJCET Palai. ECSA of SJCET, Palai organized a technical session on ENTREPRENEURSHIP OPPORTUNITIES AND CHALLENGES by Mr. Tom Thomas, Director and CTO , KTS InfoTech, Kottayam, Kerala. ECSA of SJCET organized an offline hands on workshop on HOME AUTOMATION SYSTEM in collaboration with SILICORE INNOVATIONS, on 18th June 2022 by Shibin S, Director, SILICORE INNOVATIONS, Kottayam, Kerala. Shalu Thomas, MD CEO of Digital Core Technologies Pvt Ltd had given a two day session on ELECTRONIC SYSTEM DESIGN for the final year students of the department on 16th 17th September 2022 in association with Electronics and Communication Students Association ECSA of SJCET. ECSA of SJCET Palai organized an online webinar on HOW TO BUILD A RESUME mainly focused on 3rd ECE Students on 11th June 2022. The session was handled by Prof. Sabarinath G, Assistant Professor in department of Electronics and Communication Engineering of SJCET Palai. ECSA of SJCET, Palai organized a half day seminar on VEGA PROCESSOR AND ECOSYSTEM, in association with CDAC, on 17th May 2022. The session was taken by Mr. Libin T T, Joint Director at CDAC. ECSA of SJCET, Palai organized a MINI PROJECT ORIENTATION PROGRAMME, named FROM SPARK TO FIRE, in association with Torc Infotech, Kochi on 12th May 2022. The session was taken by Mr. Abhi Krishna Harikumar, CEO of the company. It was conducted from 9:00 AM 12:30 PM at the Seminar hall of Mother

Theresa block. ECSA of SJ CET, Palai organized a webinar on the topic, INTRODUCTION TO REAL TIME OPERATING SYSTEM on 06th May 2022. The session was taken by Mr. Sooraj Prem, Firmware Engineer. S Thomas, MD CEO of Digital Core Technologies Pvt Ltd had given a one day session on ELECTRONIC SYSTEM DESIGN for the final year students of the department on 21122021. ANIL PATHAK, Senior Director Product Management Engineering at HARMAN International Pvt. Ltd. delivered a session for the PG students on OVERVIEW OF WEARABLE TECHNOLOGY, DEVICES , VARIOUS USE CASES, CHALLENGES POTENTIAL SOLUTIONS on 17012022. Roshan Gopalakrishnan, Rapsodo Pvt. Ltd, Singapore delivered a session for the selected UG and PG students on WEARABLE SENSORS: MODALITIES, CHALLENGES, AND PROSPECTS on 18012022. Rajasekhar Radhakrishnan, Formerly Intellectual property law Manager at Honeywell delivered a session for the PG students on DATA FROM SENSORS A PRIMER FOR INTEGRATED SENSING AND NETWORKS on 19012022. Mithun C.A, Product Design Engineer, Memory Technology, SanDisk Western Digital, Bangalore has delivered a session on HYBRID POLYMERS FOR WEARABLE DEVICES on 19012022. BHAVANI SHANKER, Executive Manager Head IoT, Efftronics Systems Pvt. Ltd., Andhra Pradesh has delivered a session on RESEARCH TRENDS IN WEARABLE TECHNOLOGY on 19012022. Derek Kuttikkat, Product Manager Wearables, Titan Company Ltd., Bangalore delivered a session for the selected UG and PG students on WHAT IT TAKES TO MAKE AN ENDCONSUMER WEARABLE PRODUCT WITH A CONSUMER MINDSET FOR THE INDIAN AND GLOBAL AUDIENCE on 21012022. Electronics and Communication Students Association ECSA of SJ CET, Palai organized a webinar on the topic OPPORTUNITIES AFTER ENGINEERING THROUGH GATEESEPSU on February16,2022. The session was handled by Mr. Manimohan Trinath.S of ACE academy. S Thomas, MD CEO of Digital Core Technologies Pvt Ltd had given a one day session on INDUSTRIAL PERSPECTIVE OF ELECTRONIC SYSTEM DESIGNfor the final year students of the department on 29032021. Bhavani Shankar Surabhi, Executive Manager,HeadIOT, Efftronics Systems Pvt. Ltd. delivered a session for the PG students on INDUSTRY REQUIREMENTS AND INDUSTRIAL APPLICATIONS of IoT on 02012021 Brijesh Madhavan, CEO, Curvelogics Advanced Technology Solutions Pvt.Ltd

delivered a session for the PG students ON INDUSTRIAL PERSPECTIVE TO CLASSIFICATION AND REGRESSION with hands-on practice on 30/12/2020. Rajasekhar Radhakrishnan, Formerly Intellectual property law Manager at Honeywell delivered a session for the PG students on SMART SENSORS SYSTEMS AND DATA FROM SENSORS a primer for integrated sensing and networks on 29/12/2020. R Srinivasan, Programme Head, ICFOSS, Trivandrum delivered a session for the PG students on IOT FUNDAMENTALS AND TRENDS IN IOT on 28/12/2020. The department of ECE in association with IEEE SB conducted a one day talk on 5G COMMUNICATION by Mr. Libin Jose Meledam, Staff Engineer, Radisys on 8th October 2018 which was attended by third and fourth year students. The department of ECE in association with IEEE SB and Continuing Education Skill Development Center, SJCET conducted a Technical Talk Telcom systems Kochi Metro Rail Limited on 27th October 2018 which was attended by third and fourth year students. Corporate Social Responsibility CSR activities Program Candidates attended Nature of training Period of training Field of training Conducted a training program on DSP TMS320C6748 and its Application at MBC Peermade, Kerala Sixth Semester B.Tech Students Students training 8th February, 2023 DSP TMS320C6748 LCDK and its Application A project entitled AILE was conducted on 27/09/2021 and 28/09/2021 which was funded by IEEE R10 and Received an amount of USD 150.06 Workshop for students 2 day Mr. Nishanth Benny of S7 ECE was the student coordinator. A project entitled PREVENTIA An automated system to sanitize the masks was completed as an Interdisciplinary kind of project and received an amount of USD 843 was sanctioned for by HAC R10 HTA on 15/07/2021.

09 Skill enhancement 9 months from the scratch to final product The listed students of S3 ECE was involved in this project Mr. Adithyan S Philip Mr. Melwin Shaju Ms. Angel Anna Alex Ms. Blessy Babu Ms. Jeslet Joy A project entitled MATROBO This device is more like a robot, that monitors and examines the patients blood pressure, pulse, sugar, and other basic checkups was completed as an Interdisciplinary kind of project and received an amount of USD 488 was sanctioned for by HAC R10 HTA on 15/07/2021.

08 Skill enhancement 9 months from the scratch to final product Mr. Nishanth Benny of S7 ECE was the student coordinator. Rebuild Kerala 56 Rehabilitation works 15th August to 11th September Statewide Social Service 48 As a part of social service activity build a water

harvesting system with storage capacity of 30,000 liters 2nd March to 4 th March Chakkikavu,Idukki
Social Service 52 Tourist Spot Development 5th March to 6th March Mechal,Kottayam Social
Service 16 Renovation water reservoir 7th March to 8th March Mechal,Kottayam Consultancy Area
of consultancyBeneficiariesIncome Generated Device to count PUSH up for world record attempt St.
Joseph Institute of Hotel management and Catering Technology Yet to avail financial payments
Remote monitoring and control of water distribution system SH Hostel, Muttom Yet to avail financial
payments Awards and Recognitions Mr .Jiss Joseph, Mr. Anu Somarajan K ,Mr. Gladwin Biju and
Mr. Elvin Alousius of S8ECE won the third place in the paper presentation contest for the paper
entitled Safety Monitoring System for Boats at APJAKTU techfest2024,which took place on 16th
February 2024 at Ahalia College of Engineering, Palakkad. Mr. Josil N D, Ms. Ann Maria Johney,
Mr. Jose Abraham and Ms. Abhisree B of S8ECE won second place in the paper presentation
contest for the paper entitled Smart Wearable Jacket for Assisted Outdoor Navigation of Visually
Impaired at APJAKTU techfest2024, which took place on 16th February 2024 at Ahalia College of
Engineering, Palakkad. Ms. Aleena James, Ms. Jintumol Joseph, Mr. Vishak T A, Ms. Tissa Mary
Anil, and Ms. Liz Elizabeth Biju of S6ECE won second place in the Ideathon competition at
APJAKTU techfest2024, which took place on 16th February 2024 at Ahalia College of Engineering,
Palakkad. Sunitha S Pillai, Assistant Professor ECE presented the paper titled Rainwater Monitoring
System in the International conference on Signal Processing, Instrumentation Communication
Engineering SPICE 2K24 organized by Department of Electronics Communication Engineering,
MBITS in association with Bureau of Indian StandardsBIS on 9th 10th February 2024 and selected
as the best paper. Received a Financial Aid of 3.5 Lakhs from AICTE ATAL Academy to conduct an
FDP on Unleashing the Potential of SystemOnChip and its Architecture during 15012024 to
20012024 in offline mode. Dr. Arun. P, Associate Professor and Head, Dept. of ECE elected as the
Secretary, IEEE Robotics and Automation Kerala Chapter for the year 2024. Sabarinath G Pillai
selected as Secretary, IEEE India Council for the year 2023. Arun. P selected as Secretary, IEEE
Robotics and Automation Society Kerala Chapter for the year 2023. A project entitled Low
complexity hearing aid Design submitted by Dr. Tomson Devis have been funded by KTU CERD

under RSM scheme for Rs. 1,65,000 in February 2023. A project proposal entitled Student Mentorship Programme to enhance the academic and extracurricular activities of the students submitted by Mr. Sreesh P R have been funded by IEEE Circuits and Systems Society CAS for Rs. 5,56,960 in October 2022. A project entitled Design and development of an automated Electronic System for predicting the weather state has been submitted by Mr. Anto Manuel to KTU CERD RSM. The project proposal entitled Design and Development of a system for the Differential Diagnosis and Classification of Voice disorders from the VocalCord Vibration has been submitted by Dr. Arun.P, Associate Professor to AICTE under RPS scheme and is selected for funding during July 2022. approval orders awaited. Madhukumar S, Professor and Vice Principal elevated to IEEE Senior member grade in February 2022. Arun. P, Associate Professor and Head elevated to IEEE Senior member grade February 2022. Sabarinath G Pillai nominated and elected as President, Internet Society India TRV Chapter for 2022. Sabarinath G and Prof. Sanju Sebastian received an amount of USD 15000 worth credits of Azure consumption from Microsoft for the project titled Identification and Classification of diseasepest infestations nutrient deficiency in the south Indian agriculture belt using artificial intelligence during June 2022. Arun. P, Associate Professor has received a research seed money of Rs.40000 and has been sanctioned by KTU for the project entitled COVBOT An IoT based intelligent wall mount multi functional screening system on 02092021. Arun. P, Associate Professor, received an amount of USD 150 for a project entitled AILE by IEEE R10 on 21022021. Madhukumar. S, Professor received an amount of USD 843 was sanctioned for a project entitled PREVENTIA by HAC R10 HTA on 15072021. Tomson Devis, Assistant Professor has successfully completed his PhD on the Title Autoreconfigurable and Hardwareefficient Filter Bank Structures for Auditory Compensation in Digital Hearing Aids was performed at RIT, Pampady, affiliated to APJAKTU on April 8, 2022. Tomson Devis, Assistant Professor coordinated an AICTE sponsored International Conference on Artificial Intelligence and Mechanical Systems jointly with the ME department from 89 December 2021. Arun. P, Associate Professor has conducted an ATAL FDP on Wearable devices from 17th January to 21st January 2022. Juney M George, Assistant Professor has secured admission for Ph.D programme Parttime at KTU, Kerala in 2022 batch. Manju James,

Assistant Professor has secured admission for Ph.D programme Fulltime at KTU, Kerala in 2022 batch. Department has signed an MoU with MS HAPT Engineering and Business Solutions, Palai, Kottayam on 25082021 to agreement that seeks to foster collaboration, provide opportunity for handson experience, and to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit, and frequent interactions. Department has signed an MoU with MS CORDS Innovations Pvt. Ltd. Ernakulum, Kerala on 10012022 to promote more effective use of their resources and provide each of them with enhanced opportunities. A Radio Community club is formed by the Dept. of ECE and EEE as a joint venture to learn and explore infinite possibilities and ideas about radio communication, amateur radio and more in 2022. Sabarinath G Pillai selected as Vice Chairman, Young Professionals, IEEE India Council 2021. Arun.P, nominated and selected as Coordinator, Academic Relations, Young Professionals at IEEE India Council in 2021. Arun. P received the outstanding IEEE student branch counselor award2020 of IEEE Kerala section. Arun. P received the outstanding IEEE student branch counselor award2020 of IEEE Kochi Subsection. Tomson Devis, Assistant Professor received AWSAR Augmenting Writing Skills for Articulating Research award 2019 by Department of Science and Technology DST Award 2019 for the research story entitled Can You Hear Me. Sabarinath G Pillai selected as Vice Chairman, IEEE Kochi Subsection 2019. Sabarinath G Pillai nominated and elected as President, Internet Society India TRV Chapter for 2019. Sabarinath G Pillai received IEEE MGA Global Young Professional Achievement Award for 2018. LINK OF INNOVATIONS AVAILABLE AS ERESOURCES NEWS LETTERS MAGAZINE

Research SJCET Palai 1Mr. Akhil Sekharan2023 2Mr. Akhil Sekharan2023 3Ms. Liz George2023 4Ms. Liz George2023 5Dr. Rahul Shajan2023 6Dr. Rahul Shajan2023 7Dr. Rahul Shajan2023 8Dr. Rahul Shajan2023 9Dr. Soumya Varghese2023 10Mr. Alex Chollackal2023 11Dr. George Tom Varghese2023 12Dr. Amrutha P. Thankachan2023 13Dr. B. Girinath2022 14Dr. B. Girinath2022 15Dr. Suma Mathew2022 16Ms. Rosin C. Jacob2022 17Lijo Paul2022 18Lijo Paul2022 19Babusanker S, Rajesh Baby2022 20Dr. Rajesh Baby2022 21Dr.Rajesh Baby2022 22Dr. Joby P

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Suma Mathew2020 121Dr. Suma Mathew2020 122Dawn Jose2020 123Prof.Jeethu Mathew2020 124Ms. Ance Mathew2020 125Mr. Jenson Jose2020 126Ms. Tilba Thomas2020 127Ms. Ance Mathew2020 128Dr. Joby P P2020 129Dr. Joby P P2020 130Dr. Joby P P2020 131Dr. Praseetha V. M2020 132Dr. Praseetha V. M2020 133Prof.Smitha Jacob2020 134Kishore Sebastian2020 135Kishore Sebastian2020 136Suma R2020 137Suma R2020 138Mereen Thomas2020 139Sinu Maria Kurian2020 140Jikku Thomas2020 141Ginu Ann George2020 142Deepa Abraham, Manju Manuel2020 143P. Arun2020 144Deepa Abraham2020 145Dr. Arun P2020 146Dr. Arun P2020 147Dr.George Tom Varghese2020 148Ms.Soumya Varghese2020 149Ms.Soumya Varghese2020 150Soumya George,2020 151Bony John2020 152 B. Girinath2020 153B Girinath2020 154Dr. Lijo Paul2020 155Dr. Lijo Paul and Tom Zacharia2020 156Dr. Lijo Paul2020 157Dr. Lijo Paul and PV Pradeep2020 158Manju George, Dr. J Joseph2020 159Dr. J Joseph, Manju George2020 160Dr. Joby P P2019 161Jaimon Jacob, M.Sudheep Elayidom, V.P.Devassia,2019 162Dr. Arun P2019 163Nithin S S2019 164Nithin S S2019 165Ms.Soumya Varghese2019 166Jeethu Mathew, Dr. Jemima Priyadarsini R.2019 167Ms. Ance Mathew2019 168Ms. Mariamol Kuriakose2019 169Mr. Austin T. Sabu2019 170Dr. Joby P P2019 171Praseetha V. M2019 172P. Arun2019 173P. Arun2019 174Dr. V.P.Devassia2019 175Dr. V.P.Devassia2019 176Dr. V.P.Devassia2019 177M.P. Arun,S. Abraham Lincon,N. Prabhakaran2019 178Deepa V2019 179Ms.Soumya Varghese2019 180Ms.Soumya Varghese2019 181Soumya George2019 182Soumya George2019 183Soumya George2019 184Dr. Lijo Paul and Pradeep P V2019 185Smija Das2018 186Kishore Sebastian2018 187Kishore Sebastian2018 188Deepu Job2018 189Angitha George2018 190Bino Thomas2018 191Bino Thomas2018 192Jeena Thomas2018 193Prince V. Jose2018 194Prince Abraham2018 195Prince Abraham2018 196Praseetha V. M2018 197Praseetha V. M2018 198Jeena Thomas2018 199Jeena Thomas2018 200Ashly Thomas2018 201Sr. Elizebeth M J2018 202P. Arun, Madhukumar S and Careena P2018 203Tomson Devis, Manju Manuel2018 204Dr. Arun P2018 205Sabarinath G2018 206Dr.Arun P2018pdf iop.org 207Dr.P. Arun2018 208Sreesh PR2018 209Justin Joseph2018 210Dr. Joseph Purayidathil2018 211Dr.Ajith K Thomas2018 212Dr.Ajith K Thomas2018 213B Girinath, Jalumedi Babu,2018 214Dr. Lijo Paul, PV Pradeep and Donald

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Management is doing things right leadership is doing the right things. Peter Drucker

St. Josephs Business School started in 2006, was the fulfillment of a long cherished dream of providing facilities for professional education in this part of Kerala. From its very inception , the business school had been relevantly establishing an impeccable reputation among all the stake holders and the visiting committees as a College with a difference. St. Josephs Business School is a Bschoool with a difference. Over the last 19 years, we have been positioned among our stakeholders, as a Bschoool with distinct identity and character, where education training is disseminated with discipline, hard work, positive thinking, commitment to excellence and abiding faith in the Almighty. We have been successful in emerging as a Centre of Excellence in Management education research in the country. Value systems such as ecofriendliness, quality consciousness and work ethics, is instilled through the special work culture and campus life at the school. The Bschoool managed by the Diocesan Technical Education Trust, Palai is under the patronage of St. Josephs College of Engineering and Technology, Palai.Our MBA program is autonomous and affiliated with APJ Abdul Kalam Technological University, Kerala. Every talent and innovation are encouraged in order to bring out the best in our students, as evidenced by the large number of alumni of 16 previous batches working in wellreputed companies in the country and abroad. We are committed to provide the best learning experience for our students.

Placement Training: A Journey Towards Professional Excellence

St. Josephs Business School, St. Josephs College of Engineering Technology, Autonomous, in association with Prep Academy, organized a fourday placement training session for finalyear MBA and MTech students of the 20232025 batch.

Entrepreneurship Essentials: Building and Scaling Your Business for Success

The WINGS 2.0: A Project of Nazrani Margam

third semester MBA students attending entrepreneurship development program held at the St. Berchmans College Auditorium, Changanacherry, from August 2nd to August 4th, 2024. Future

Leaders Forum: Unlocking Business Insights for Tomorrows Innovators Third Semester MBA students 202325 batch attending Pala Management Association Business meeting at the Alphonsin Pastoral Institute, on July 25th, 2024. Mastering the Art of Soft Skills: Unlock Your Potential for Success soft skills training for MBA S3 20232025 Batch by Mr. Rohan Hubert, Accounts Manager, MIDAS consulting on 6th July 2024 Excel Essentials: Unlocking the Power of Spreadsheets A comprehensive Microsoft Excel training session and exam conducted from 5th Aug to 9th Aug 2024 at St. Josephs Business School, St. Josephs College of Engineering Technology Autonomous, for the MBA S3 students of the 2023 2025 batch. Bridging Experience and Academia: Mr. Vishal Thomas Payikad, Priority Relationship Manager, Federal Bank, Pathanamthitta and MBA 201820 Alum, Offers RealWorld Insights to FirstYear MBA Students Embarking on a New Journey: MBA 20242026 Batch Inauguration Ceremony Breaking the Ice, Building Skills: Kathiravan Pethi, Leadership and Public Speaking Coach, Kickstarts the Journey for FirstYear MBA Students 202426 batch Behind the Headlines: FirstYear MBA Students 20242026 batch Tour Malayala Manorama Printing Press Unit, Kottayam for a Glimpse into Media Production Setting the Table for Success: First year MBA Students 20242026 batch refine their dining etiquette with Mr. Varghese Johnson, HOD, St. Josephs Institute of Hotel Management on 13th August 2024 Building Bonds, Forging Leaders: MBA FirstYear Students 2024206 batch Engage in Dynamic Team Building Exercises with Er. Babu Sanker, Assistant Professor, Mechanical Department, SJCET Second year MBA students visited Holiday Inn, Kochi as part of Industrial visit S4 MBA20222024 BATCH STUDENTS Second year MBA students visited Sea Blue Shipyard Ltd, Cochin as part of Industrial visit Experience sharing by alumnus Ms. Teresa Joy MBA 20092011 BATCH S4 MBA students attending Value Added Course VAC offered by Hedge Equities, Cochin S4 MBA students visited the Mariyasadanam Rehabilitation Centre, Pala S2 MBA students visited CIAL solar power plant, Cochin on 26th March 2024 as part of Industrial visit S4 MBA Students visited IKEA, Bengaluru S4 MBA Students visited Stovekraft at Bidathi Industrial area, Bangalore S4 MBA Students visited Bengaluru for a Knowledge Exchange Programme Kristu Jayanti College and St. Josephs Business School, Palai on 11032024 SJBS MBA Staff 202123 MBA Batch 202022 MBA Batch IndustrialVisit to Jeevan Tea Factory SJBS

industrial visits wemeanbusiness SJBS industrial visits wemeanbusiness SJBS industrial visits wemeanbusiness SJBS Student Leadership Participants for National Level MDP organised by Kristu Jayanti College Bangalore SJBS Student Leadership Paper presented at International Conference Organised by Macfast College Vision Mission Motto COPO Mapping Vision To emerge as a centre of excellence in the field of management education with a distinct identity and character in all areas of activities. Mission To maintain a conducive infrastructure and a learning environment to become a centre of excellence. To nurture a team of dedicated, competent and research oriented faculty. To support and promote student development for their successful career. Motto Our motto is holistic development of students by providing facilities and opportunities for their intellectual, physical, moral, social and cultural and spiritual enrichment and thereby transforming them in to responsible and dedicated citizens of country. COPO Mapping Notable features that make it stand apart from the competing BSchools Knowledge Exchange Program: St. Josephs Business School collaborates with reputed BSchools in Bangalore, providing students with opportunities to learn from leading academic institutions through workshops and guest lectures Foreign University Visits and Collaborations: Exposure to global business practices through visits and partnerships with international universities, fostering a global perspective in management education. Experiential Learning with Social Outreach Programs: Hands-on learning opportunities combined with social outreach initiatives to help students develop leadership skills while contributing to societal development. Alumni Connect: A strong network of accomplished alumni who mentor students, share industry insights, and open doors to professional opportunities. ValueAdded Courses: Specialized courses designed to enhance skills and knowledge beyond the standard curriculum, ensuring students are industry-ready. Industry Interaction Program: Regular interaction with industry leaders through seminars, panel discussions, and internships to bridge the gap between academics and industry requirements. Soft Skills Training: Comprehensive training programs to develop essential soft skills, including teamwork, adaptability, and emotional intelligence. Corporate Etiquette Training: Professional grooming and etiquette training to prepare students for the corporate world. Communication Training: Focused sessions to enhance verbal and written communication skills,

ensuring students excel in business interactions. Placement Opportunities: Exceptional placement support with an average salary package of 68 lakhs per annum, preparing students for successful careers in leading organizations. CURRICULUM Eligibility Candidates who have been awarded or qualified for the award of the Bachelors degree in any discipline with 50 marks in aggregate or Bachelors degree are eligible to apply for admission to the MBA programme. The aspiring candidates should also possess a valid CATCMATKMAT score. FINAL YEAR DEGREE STUDENTS CAN ALSO APPLY FOR PROVISIONAL ADMISSIONS TO 20TH BATCH WHICH COMMENCES IN JULY 2025. Semester The duration of the MBA Fulltime programme of the is two years consisting of four semesters. Maximum period for completing the programme is eight semesters. Each semester shall consist of 14 instructional weeks of 29 hours per week. Every academic year shall have two semesters 1st July to 31st December Odd semester and 1st January to 30th June Even semester. The academic programme in each semester will consist of course work and field work internship. The scheme shall be so drawn up that the minimum number of credits for successful completion of the MBA programme of any specialization is 102 credits with a split up of: First year I and II semester: 54 credits Second year III and IV semesters: 40 credits Course work Internship : 03 credits Second year Project Comprehensive Viva: 05 credits Second year Total: 102 credits At the end of the semester, examination will be conducted for all courses offered in that semester and will be of three hours duration unless otherwise specified. The major eligibility criteria for the semester examination are attendance in the course and no pending disciplinary action. The minimum attendance for appearing for the semester examination is 75 in each course. A student will be eligible for the award of MBA Degree of the University on satisfying the following conditions: Fulfilled all the curriculum requirements within the stipulated duration of the course. Earned the required minimum credits as specified in the curriculum. No pending disciplinary action OUR STRENGTH INITIATIVES BEYOND THE CLASS ROOM EXPERT TALKS St. Josephs Business School regularly Invites experts from diverse fields to share their insights on topics of current relevance. This helps the budding managers to stay updated with the industry and to connect with them. FOREIGN COLLABORATIONS St. Josephs Business School actively collaborates with

foreign universities for various academic programs. **CERTIFICATION PROGRAMS** Students can choose from a wide range of certified programmes offered for enhancing their expertise in their domain areas. **WISDOM STRIDES** Wisdom strides is an innovative programme which gives students a chance to walk along with successful personalities and to hear their words of wisdom. **SOFT SKILLS DEVELOPMENT TRAINING** Training programmes by expert outside agencies are arranged for developing various employment related skills such as effective communication, leadership skills, group activity skills, motivation etc. **INDUSTRIAL VISIT** Visits to industries are an integral part of management studies. These visits enable the students to get a glimpse of the industry so as to get a practical exposure in real time. The management operations can also be understood to a great extent. **ENTREPRENEURIAL INITIATIVES** The department is keen on organizing various programs aimed at cultivating entrepreneurial skills among students under the auspicious of ED Cell. Interactions with well known Entrepreneurs, workshops, awareness programs, paper presentations etc. are a regular feature of our MBA Programme. **Community Development Programme** St. Josephs Business School conducts community development activities with the aim of inculcating amongst students, the value of selfless service to the community, dignity of labour, importance of selfhelp, and awareness of the need to protect the environment. **LEARNING SKILLS DEVELOPMENT TRAINING** This is a unique training programme for students arranged by this college. Lectures are given on how to learn effectively and how to manage the time available for students in the most effective way. **PhD in Management** The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college **OUR RECRUITERS ACTIVITIES** Highlights of Knowledge Exchange Program Taylors University, Kualalumpur and an Industrial Visit to Malaysia Dr Pious Thomas, Professor and Head of MBA, sharing insights on his book Teaching Methodologies and Learning Outcomes in the Pala Management Association on 28th February 2025. Second semester MBA students 202426 batch visited Kerala Paper Products Limited KPPL is a Government of Kerala Company located at Velloor, Kottayam on 22nd February 2025 **Techsphere 2025: Ignite Your Future** The Department of Computer Applications and

Department of Management Studies at SJCT proudly hosted Techsphere a dynamic Career Guidance Tech Fest on 27th February 2025. Empowering Careers: ActionOriented Placement Training with TalentUs at SJBS, SJCT. Phase 4 of the placement training for 2nd year MBA students at SJBS, SJCT, was held on the 25th and 28th of October 2024, in collaboration with TalentUs. Unlocking the Future of HR: Industry Leaders Share Emerging Trends at SJCT Panel Discussion. On October 26, 2024, SJCT hosted a panel discussion on Top Emerging Industry Trends in Human Resource Management, featuring esteemed panelists from British Petroleum, KPMG, Cipla India, and Wolters Kluwer. Empowering Digital Citizens: SJCT Students Gain Cyber Awareness with Expert Insights:On October 24, 2024, the MBA department at SJCT organized a crucial cyber awareness program for students, in association with Kerala Gramin Bank and Janamythri Police Station Pala. Mock Interviews Group Discussions: Shaping CareerReady Leaders at SJCT: Prep Academy, in collaboration with the St. Josephs Business School SJBS at SJCT, held a mock interview and group discussion session for 2ndyear MBA students on the 19th and 24th of October 2024. Empowering Future Marketers: Casper Academys Digital Marketing Workshop for SJBS MBA Students Innovista 2024: Igniting Management Excellence at SJBS with Dynamic Competitions Unleashing Potential: SJBS MBA Students Shine at Management Fest 2024 KMM College, Ernakulam MBA Students Dynamic Participation in Management Fest conducted by St. Berchmans College, Changanassery on 9th October 2024. Bridging Futures: Telecalling Initiative Opens Doors to Companies for MBA Placements. On 9th October 2024, a telecalling event was organized by the SJBS department to enhance placement opportunities for MBA students. Celebrating Excellence: Heartfelt Teachers with Joyful Cake Cutting MBA students from St. Josephs Business School, SJCT, presented papers in the international conference on Transforming Hospitality with AI Tech: Enhancing Operations, Sustainability, Guest Experience on the 6th and 7th of September 2024 held at St. Josephs Institute of Hotel Management and Catering Technology, Palai. Building Futures Together: PTA Meeting of MBA students SJCT Palai Celebrates Onam with Vibrant Festivities, Competitions, and Tradition MBA Department Wins Second Prize in Athapookalam at SJCT Onam Games The vibrant Onam celebrations at St. Josephs College of

Engineering and Technology SJCET were recently featured in Business Standard, Innovate, Compete, Conquer: SJCET MBA Shines at Musaliar Management Fest 2024 Tech Synergy 2024: SJCET Students Shine at CuttingEdge Conference on Innovation and Leadership Global Insights Unveiled: Lead the Way at International Conference on Sustainable Management in the AI Era SJCET MBA students presented papers in the international conference on Sustainable Management Practices in AI Era on October 4, 2024 conducted by The Department of Business Administration at SRM Institute of Science and Technology, Bharathisalai, Ramapuram, Chennai, in association with Missouri University of Science and Technology, USA. Third semester MBA students Ashtami M A, Ashili Varghese, Sreejith R, Akshay K R, Anandhu Udayan, Abhishek Saji actively participated in the workshop Perspectives on Public Policy: Managing Labour as a Critical Resource held at Mahatma Gandhi University on August 31st, 2024. Dr. Pious Thomas, Head of the MBA Department, receiving memento from MCA department for providing valuable insights into the importance of interdisciplinary learning and the role of management skills in technical fields. Third semester MBA students attended seminar on Sustainable Industrial Parks Development held on August 17, 2024 at the Alphonsa Pastoral Convention Centre. Navigating Tomorrow: Expert Insights on the Future of Business On 23rd August 2024, St. Josephs Business School hosted an insightful expert talk with Joy Mathew, Executive Trainee at Malayala Manorama, sharing industry knowledge and valuable experiences with students. Inspiring Minds: Prof. Tom Zacharias , Mechanical Department, SJCET Engages FirstYear MBA Students with Wisdom and Insights Placement Training: A Journey Towards Professional Excellence St. Josephs Business School, St. Josephs College of Engineering Technology, Autonomous, in association with Prep Academy, organized a fourday placement training session for finalyear MBA and MTech students of the 20232025 batch. Entrepreneurship Essentials: Building and Scaling Your Business for Success The WINGS 2.0: A Project of Nazrani Margam third semester MBA students attending entrepreneurship development program held at the St. Berchmans College Auditorium, Changanacherry, from August 2nd to August 4th, 2024. Future Leaders Forum: Unlocking Business Insights for Tomorrows Innovators Third Semester MBA students 202325 batch attending Pala Management Association Business

meeting at the Alphonsin Pastoral Institute, on July 25th, 2024. Mastering the Art of Soft Skills: Unlock Your Potential for Success soft skills training for MBA S3 20232025 Batch by Mr. Rohan Hubert, Accounts Manager, MIDAS consulting on 6th July 2024 Excel Essentials: Unlocking the Power of Spreadsheets A comprehensive Microsoft Excel training session and exam conducted from 5th Aug to 9th Aug 2024 at St. Josephs Business School, St. Josephs College of Engineering Technology Autonomous, for the MBA S3 students of the 2023 2025 batch. Bridging Experience and Academia: Mr. Vishal Thomas Payikad, Priority Relationship Manager, Federal Bank, Pathanamthitta and MBA 201820 Alum, Offers RealWorld Insights to FirstYear MBA Students Embarking on a New Journey: MBA 20242026 Batch Inauguration Ceremony Breaking the Ice, Building Skills: Kathiravan Pethi, Leadership and Public Speaking Coach, Kickstarts the Journey for FirstYear MBA Students 202426 batch Unlocking Tech Potential: Mr. Sabarinath G, Assistant Professor, Computer Science and Engineering Cyber Security Guides FirstYear MBA 202426 batch Students Through Technical Training During Induction Behind the Headlines: FirstYear MBA Students 20242026 batch Tour Malayala Manorama Printing Press Unit, Kottayam for a Glimpse into Media Production on Setting the Table for Success: First year MBA Students 20242026 batch refine their dining etiquette with Mr. Varghese Johnson, HOD, St. Josephs Institute of Hotel Management on 13th August 2024 Building Bonds, Forging Leaders: MBA FirstYear Students 2024206 batch Engage in Dynamic Team Building Exercises with Er. Babu Sanker, Assistant Professor, Mechanical Department, SJCET A journey from campus to Corporate Expert talk by Mr. Manu Jacob Mathew, Director at Think Instead Pvt Ltd on 27th July 2023 Personality Development Program by Ms. Vinitha Jayan, Motivational speaker and freelancer corporate trainer on 6th October 2023 for S1 MBA Students ThreeDay ValueAdded Course on Entrepreneurship Development for S3 MBA students during September 2023. Skill acquisition program for S3 MBA Students by Digital work Force Management System DWMS and Additional skill acquisition program ASAP on 16,17 and 25th November 2023 Ice breaking session for S1 MBA students 202325 batch by Mr. Babu Sankar, Assistant Professor of Mechanical Engineering Department, SJCET on 26thJuly 2023 Team building session by Dr. Soumya Varghese, Associate Professor of St. Josephs Business School for

S1 MBA students 202325 batch on 27th July 2023. Second semester MBA students 202325 attending Value added course Tech in Finance by Dr. R. Narayanaswamy on 1032024 Prof. Leonardo Palambi, Vice Chancellor of OLG University, Italy, engaged with MBA students at Mother Thresa Block Seminar Hall , SJ CET to discuss potential collaborations between the two institutions. The Department of MBA has unveiled its placement brochure for the 202325 batch, showcasing an impressive lineup of four accomplished industry professionals. Industrial visit Industrial visit to Malayala Manorama by S1 MBA 202325 batch on 11082023. Industrial visit to SEA BLUE SHIPYARD LTD and Holiday Inn by S3 MBA students 202224 batch on 20th December 2023 Knowledge exchange Program in collaboration with Kristu Jayanti college Bangalore by S4 MBA Students 202224 batch Industrial Visit to Stove kraft ,Bangalore by S4 MBA students 202224 batch on 12032024 STUDENT IN FOCUS Aleena Antony, Ajo Mathew, Christy Tom and Josmin J. S1 MBA secured Third Prize in HR Game at the National Level Intercollege Fest held on 9th and 10th of November 2023 organised by MACFAST, Thiruvalla. Amalendhu A. Mohan and Anu Tom won Third Prize in General Quiz at the National Level Intercollege Fest held on 9th and 10th of November 2023 organised by MACFAST, Thiruvalla Students Paper Publications Jose Sebastin, Mr. Jins Kuriakose and Dr. Soumya Varghese participated and presented a paper entitled Addressing Mental Health Hurdles in the Pursuit of Sustainable Development Goals: An Insight from the Covid19 Context in the 2nd International Conference on Resilience, Reinvent and Way Forward organised by Department of Management Studies of M.O.P Vaishav College for Women on 4th and 5th January 2024. Alana Maria Mathews, Ms. Aneetta Madhumon and Dr. Soumya Varghese, participated presented paper on Unveiling the Landscape of Big Data: Challenges, Opportunities, and Applications Across Industries in the 2nd International Conference on Resilience, Reinvent and Way Forward organised by Department of Management Studies of M.O.P Vaishav College for Women on 4th and 5th January 2024 Alan Sibi, Mr. Denny Chacko and Dr. Soumya Varghese 2023 participated presented paper on E Commerce and Its Emerging Trends in the International Conference on Digital Transformation in Business at Chavalier T. Thomas Elizabeth College for Women on 30th November 2023. Minnu K. S Ms. Anjana Stanly participated presented paper on

Digital Business and Sustainable Marketing Exploration in the One Day International Conference On Sustainable Synergy: A Multidisciplinary Exploration of Possibilities across Industries organized by Soundarya Institute of Management and Science, Bangalore on 15th December 2023. Abin Thomas Ms. Jeethumol Joy participated presented paper on Green Marketing and Its Role in the Journey of Sustainable Branding in the One Day International Conference On Sustainable Synergy: A Multidisciplinary Exploration of Possibilities across Industries organized by Soundarya Institute of Management and Science, Bangalore on 15th December 2023. Ponnu KS Ms. Anetta Madhumon participated presented paper on Artificial Intelligence in Digital Marketing influences Consumer Behaviour in the International Virtual Conference organised by Nehru College of Engineering and Research Centre, Thrissur held on 30th November 2023. Alana Maria Mathews Ms. Akarsha V .S participated presented paper on Business Intelligence and Its Future in the Field of Business World in the National conference on Artificial Intelligence Driven Business Navigating Innovation and Challenges organised by VELS Institute of Science, Technology Advanced Studies, Chennai held on 13th and 14th December 2023. Elba Rose James Mr. Joel Devassy participated presented paper on Green Marketing and its Role in Sustainable Development in the International Conference on Economic Growth Sustainable Development organised by Shri Shankarlal Sundarbai Shasun Jain College for Women on 13th December 2023. Della T John Ms. Anjana Stanly participated presented paper on Sustainability in Farming Practices: The Need of Present Era in the 2nd Online International Conference on Research Methodology ICRM2023 Organised by Department of Economics, A. N. D. College Shahpur Patory, Samastipur A Constituent Unit of L. N. Mithila University, Darbhanga on 13th 14th Oct 2023 Debate Competition Secured second prize in DEBATE by Ms. Arunima Joseph and Ms. Elba Rose James and Fourth place by Mr. Abin Thomas and Ms. Ashly Joyees Mba 202224 at National Level Inter Collegiate Economic Fest conducted by St. Stephens College, Uzhavoor on 14th March 2023 Idea Hackathon Secured Third prize for Idea hackathon Ms. Tresa Joseph, Ms. Sona P Saju and Ms. Anjana Stanley, MBA 202224 at National Level Inter Collegiate Economic Fest conducted by St. Stephens College, Uzhavoor on 14th March 2023 Mr. Vishal Payikad 201820 batch placed at Federal Bank with the highest salary package from

the batch. SJBS Student Leadership Participants for National Level MDP organised by Kristu Jayanti College Bangalore SJBS bags First Prize and Ever rolling trophy for Best Management Team, KOMERZIYO 2K19, Management Fest CMS College, Kottayam SJBS Student Leadership Paper presented at International Conference Organised by Macfast College SJBS bags first prize in HR game Management Fest organized by Mangalam College Prize Win SJBS bags prize Management fest at SB College Changanassery FACULTY IN FOCUS NEWS LETTER TO KNOW OUR LATEST UPDATES,FOLLOW US ON

Software Development Center SJCET Palai Software Development Center in Sjcet has started in 2016 as a part of Make in SJCET movement. SDC flourishes under the auspices of the Computer Science and Engineering department of St. Josephs College of Engineering and Technology, Palai as a part of Make in SJCET movement. It addresses not only the technology developing needs of the host college but also provides technical assistance and technology development for external clients as well. The development center has two developers and one project head. SDC has already implemented many applications for external and internal activities. List of Completed Project Dioceses Parish Management Software Edayan Dioceses Accounts Management Software Edayan Accounting Dioceses Sunday School Management Software SJCET Fleets Bus management software SJCET Admission Portal SJCET Grievance portal Inventory Management SW Payment Gateway Integration for SJCET Web Android Attendance punching sw For M.Tech Students Fund Management SW For Kozhuvanal Church Remedial Attendance Portal College App Androidunder development SJCET News SW Room Management SW Eparchy of Palai SOFTWARE DEVELOPMENT TEAM CONTACT Mother Teresa BlockDepartment Block 3 St.Josephs Engineering and Technology choondacherry, Palai, Phone: 04822 239809

Student Affairs SJCET Palai Student Affairs Software Development Center
20250207T03:46:1300:00 Programs KDISCKTU MoU: Internship opportunities for KTU students |
Website | PDF Technical Secretariat of the Kerala Urban Policy Commission. Letter | Youth

Consultation AICTE NEAT Evaluated, INDUSTRIAL TRAINING for Faculties AND INTERNSHIPS for Students | Form | Link Hackathon Invitation | Tech Pulse | Guidelines | Themes | Poster | Submissions TechXcelerate 2025 BITS Pilani: Hackathon, 5,00,000 Prize Pool Internship Drive Website and brochure Ragam 25, the annual cultural festival of NIT Calicut | | Events SATWA 2025, the National level Hackathon Date: 23,24,25 February 2025. satwa.saintgits.in | Poster | Brochure Tech Pulse | 15th, 16th 17th February 2025 | UL CyberPark, Kozhikode Website: Poster | Themes| Guidelines | Submissions International conference on Advancements in Science, Engineering, and Technology 2025 ICASET 2025, scheduled to be held from April 18 to April 19,2025. The submit of Future Kerala 2025 Visit The submit of Future Kerala 2025 Poster Visit Campus Carnival 2025 at Yeldo Mar Baselios College, Kothamangalam Visit Online Space Internship Program ISRO 4th Annual National Conclave on Indian Students Parliament World Robot Olympiad India 2025 www.wroindia.org For queries please contact deanstudentssjcetpalai.ac.in

International Symposium SJCET Palai International Symposium on Developments in Artificial Intelligence Humanoid Technology and their Impact on Contemporary India: Promises Perils 2 4 January 2025. The symposium provided a platform for interdisciplinary dialogue, bringing together theologians, ethicists, scientists, technologists, and policymakers to explore the promises and challenges of AI and humanoid technology. Through a religious worldview, the event examined their societal, moral, and faithbased implications. Ten experts, including scientists and theologians, shared their insights, while approximately 150 participants attended the program.

SJCET Palai Placement SJCET Palai SJCET boasts of outstanding placements ever since its inception. SJCETs placement statistics stand ample testimony to its objective of placing all eligible interested candidates according to the students career choices. Even during challenging times of economic recession, on account of the corporate trust reposed on SJCET, we were able to harness significantly good careers for our students. The SJCET Corporate relations, placement and training Department core functionaries include Prof. Sachin Jose and two faculty members nominated by

each Department to support their activities. Selected students of the final prefinal year batches will facilitate the activities of the Department. Prof. Sachin Jose, has a couple of years of experience in Research and ample experience in training and placements. The College Placement Department can be reached at placementsjcetpalai.ac.in. 202024 graduating batch students of SJ CET were hired by a good mix of companies from varied sectors, mainly belonging to IT, ITeS, Design, Manufacturing, Banking etc. The top recruiters include Infosys, Virtusa, TCS, Sutherland Global, UST, Federal Bank, South Indian Bank, Experion Technologies, 6D Technologies, JBDS, GLS Group, Dhoot Transmission, Esskay Fabrication, Speridian, Systools, Poornam Info Vision and so forth.

Department Of Physical Education SJ CET Palai Department Of Physical Education Software Development Center 20250305T05:37:2300:00 Quality Policy We are committed to provide customer relevant technical education programs and related services for their Satisfaction, and continually improve the quality to meet the growing demands. Vision Mission Vision Developing SJ CET students into physically and emotionally strong citizens of our nation with social commitment and sportsman spirit in all their endeavours and competitions Mission To develop and maintain a conducive sports and games infrastructure for world class training and competitions. To provide dedicated, competent, and sports minded physical education faculty. To develop students with physical fitness, upholding sportsman spirit and mindset of Citius, Altius, Fortius in all their actions.

AIMS AND OBJECTIVES OF THE DEPARTMENT

AIM	OBJECTIVES
AIM Harmonious development of students	OBJECTIVES To provide facilities and opportunities for sports and games to every student of SJ CET
	To provide special training and coaching to the talented students and enable them to participate successfully in various competitions getting laurels to themselves and bringing honours to the college.
	To make the students of SJ CET, physically healthy, mentally alert, morally upright, emotionally balanced and socially acceptable through participation in Sports and Games.

Staff in Charge Activities 20232024 KTU C Zone Cricket Tournament Our Cricket M team participated in the KTU C Zone Cricket tournament at Munnar from 20th to 22nd March 2024. In the

First round we lost to Carmel College of Engineering, Punnapra. Kottayam District Cricket Association B Division League College cricket team participated in the Kottayam District Cricket Association B Division League tournament at CMS College, Kottayam from 2. 3.2024 to 16. 3. 2024. KTU C Zone Championsip College bagged Runner up position in the KTU C Zone Football Championship organised at RIT Pampadi and thus qualified to participate in the KTU Interzone championship. KTU Inter Zone Championship Football team participated in the KTU Interzone Football championship at TKM college of Engineering, Kollam from 7th to 10th March 2024. In the pre quarter final match we beat SCTE, Thiruvananthapuram 42. In the quarter finals we lost to the host team 40 who eventually won the championship. Athletics Five athletes from our college Three boys and Two girls participated in the KTU Annual Athletic Meet at Chandrasekharan Nair Stadium, Thiruvananthapuram from 1st to 3rd March 2024. Indraj, our second year student became the pride our college by bagging the silver medal in 110m Hurdles. Anju Benny, our third year student came fifth in High jump W. Basketball boys College Basketball M team participated in the KTU C Zone Inter collegiate championship at Amal Jyothi College of Engineering, Kanjirappally on 28th 29th October 2023 and became second runner up. Basketball Girls College Basketball M team participated in the KTU C Zone Inter collegiate championship at Amal Jyothi College of Engineering, Kanjirappally on 28th 29th October 2023. Badminton The college Shuttle Badminton M team participated in the KTU C Zone championship at MBCET, Kuttikkanam on 4th November 2023. The team lost in Quarter Finals. South Zone Inter University Table Tennis Navneet Varma of S6 CS participated in the South Zone Inter University Table Tennis Championship at Tamilnadu Physical Education and Sports University, Chennai from 1st to 3rd February 2024 representing KTU. Softball Jishnu Prasannan, S8 Civil has been selected to represent KTU in Softball. Dates of Inter university meet have not been finalised yet. Annual Athletic Meet The annual athletic meet 202324 was organised on Wednesday, 28th February 2024. The programme started with march past of the athletes and NCC cadets in which more than 500 students took part. Chairman Fr. Joseph Maleparambil received the salute. After flag hoisting the chairman Fr. Joseph Maleparambil inaugurated the meet. Events started around 9.40 am. This there was huge enthusiasm amongst

the students to take part in every event. The meet came to an end by 3 pm. In the march past, Spartans came first , Titans were the runner up and Samurai and Asgardians bagged third and fourth positions respectively. In the boys section, First place was shared between Asgardians and Titans with 35 points. Samurai came second with 21 points and Spartans were third with 18 points. In the girls section, Titans bagged the first place with 28 points, Samurai were runner up with 26 points, Asgardians were third with 20 and Spartans came fourth with 17 points.

Ascendance Intramural Tournaments Badminton Basketball boys Basketball Girls Throwball girls Volleyball

20222023 Intercollegiate Basketball Tournament At Amal Jyothi College of Engineering and Technology Kanjirapally, intercollegiate basketball tournament has been held. We earned the title of runnerup in the contest. And weve been advanced to the following interzone contest at Ilahia College of Engineering and Technology Muvatupuzha.

Intercollegiate Volleyball Tournament On November 14, 2022, St. Thomas College of Engineering and Technology Chengannur conducted an intercollegiate volleyball tournament, and our team, consisting of 12 players, participated in that event.

Intercollegiate Volleyball Tournament On November 14, 2022, St. Thomas College of Engineering and Technology Chengannur conducted an intercollegiate volleyball tournament, and our team, consisting of 12 players, participated in that event.

KTU C Zone Inter Zone Football Tournament On December 5th to 7th, 2022, RIT Kottayam had conducted the C Zone Football tournament, and our team, consisting of 18 players, participated in that event and secured runnerup in the tournament. By securing the runnerup we were advanced to the inter zone football tournament at Vidya Academy of Science and Technology on 14122022. First match was between MA College Kothamangalam and we won the match by 21. Then we faced the defending champions TKM Kollam and we lose the match.

Intercollegiate Cricket Tournament On January 08, 2023, Munnar Engineering College conducted the intercollegiate Cricket

APJAKTU Karate Championship On 19122022, APJAKTU Karate Championship 202223 was conducted at MA College of Engineering, Kothamangalam. 7 students 6 boys and 1 girl had participated in this event. Mr. Jagan S. S1 EEE of SJCET Palai had won the Gold Medal Boys Kumite 50kg in the APJAKTU Karate Championship 202223 at MA College of Engineering, Kothamangalam on 19122022. He will

represent APJAKTU in the National University Games 2022²³. Mr. Savio Tomy S5 ME of SJ CET Palai had won the Bronze Medal Boys Kumite 84 kg in the APJAKTU Karate Championship 2022²³ at MA College of Engineering, Kothamangalam on 19/12/2022 All India Inter University Softball Championship One of our student had represented APJAKTU in the All India Inter University Softball Championship at Punjab University on 06/04/2023 All India Inter University Softbaseball Championship at Calicut University One of our student had represented APJAKTU in the All India Inter University Softbaseball Championship at Calicut University on 26/04/2023 KTU 5th Intercollegiate Athletics Meet 5th Intercollegiate Athletics Meet was conducted at Thiruvananthapuram on 27, 28, 29 April 2023. Ten 8 boys 2 girls students had participated in different events. Indraj S had secured Gold Medal in 110M Hurdle. Intercollegiate Badminton Tournament On November 29, 2022, an intercollegiate badminton tournament was conducted at Mar Baselious Christian College of Engineering and Technology in Peermade, and our team, which consisted of 5 players, participated in the tournament. Football Carnival Kick Off 2022 On November 24, our department of physical education conducted a football carnival for the students called Kick Off. The programme started at 8:30 a.m. and continued until 5:00 p.m. in the evening. There were mainly 4 stations arranged Ronaldo vs., The Goal, Statue, and Stand Straight. It made the students more active and energised.

INTER HOUSE FOOTBALL MATCH Inter house football match between SPARTANS vs TITANZ and SPARTANS won the match by 10 The second match was between ASGARDIANS vs SAMURAI and ASGARDIANS won the match by 21 The finals was conducted on 12/04/2023 between SPARTANS vs ASGARDIANS and SPARTANS won the match in penalty shootout 4-5

INTER HOUSE CRICKET MATCH Inter house cricket match between SAMURAI vs TITANZ and TITANZ won the match by 8 wickets. The second match was between ASGARDIANS vs SPARTANS and ASGARDIANS won the match by 7 wickets. The finals was conducted on 27/03/2023 between TITANZ vs ASGARDIANS and ASGARDIANS won the match 4 runs. The prize for the winners were distributed by Fr. Mathew Korankuzha, Manger, SJ CET, Palai.

INTER HOUSE VOLLEYBALL MATCH Inter house volleyball match between ASGARDIANS vs SPARTANS and ASGARDIANS won the match by 13-25, 21-25. The second match was between

SAMURAI vs TITANZ and SAMURAI won the match by 1525, 1425. The finals was conducted on 22032023 between SAMURAI vs ASGARDIANS and SAMURAI won the match by 2325, 2325. The losers final was conducted between TITANZ vs SPARTANS and SPARTANS won the match by 1625, 1525. The prize for the winners were distributed by Dr. Madhukumar S. VicePrincipal SJCET, Palai.

INTER HOUSE THROWBALL MATCH Inter house throw ball match between SAMURAI vs SPARTANS and SAMURAI won the match. The second match was between ASGARDIANS vs TITANZ and ASGARDIANS won the match. The finals was conducted on 29032023 between SAMURAI vs ASGARDIANS and ASGARDIANS won the match by. The losers final was conducted between TITANZ vs SPARTANS and SPARTANS won the match by. The prize for the winners were distributed by Ahlath Tomy. Asst. Director of Physical Education SJCET, Palai.

INTER HOUSE BASKETBALL MATCH Inter house Basketball match between SAMURAI vs SPARTANS and SAMURAI won the match. The second match was between ASGARDIANS vs TITANZ and ASGARDIANS won the match. The finals was conducted on 29032023 between SAMURAI vs ASGARDIANS and SAMURAI won the match. The losers final was conducted between TITANZ vs SPARTANS and TITANZ won the match. The prize for the winners were distributed by Ahlath Tomy. Asst. Director of Physical Education SJCET, Palai.

INTER HOUSE BADMINTON MATCH Inter house Badminton match between TITANZ vs SPARTANS and SAMURAI won the match. The second match was between ASGARDIANS vs SAMURAI and ASGARDIANS won the match. The finals was conducted on 13042023 between SAMURAI vs ASGARDIANS and SAMURAI won the match. The losers final was conducted between TITANZ vs SPARTANS and TITANZ won the match. The prize for the winners were distributed by Ahlath Tomy. Asst. Director of Physical Education SJCET, Palai.

Annual Athletic Meet 2023 On March 31, 2023, Rev. Fr. Mathew Korankuzha, Manager of SJCET, Palai, officially opened the colleges sports day. The SJCET football, basketball, volleyball, cricket, badminton, and karate teams, together with all four houses, were assembled for a march past of athletes. Also given out was the reward for March before. And the majority of the pupils participated in various events on April 1, 2023, showing great sportsmanship.

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Best Practices SJCET Palai Objectives of the Practice: To develop and strengthen generic skills required for career and societal life. To develop sensitization towards social issues and holistic development. To create the knowledge of recent technology and techniques among students. To develop an attitude for lifelong learning. To instill innate talents through sports and cultural activities.

The context: The Professionals need to possess a blend of both generic skills and professional skills in order to excel in their careers and achieve success in life. The amalgamation of generic skills and professional competencies determines candidates ability to perform well in their jobs and contribute to society. Therefore, it is imperative for students to receive education and training in generic skills and professional competencies through an actionable and comprehensive plan. To accomplish this, educational institutes must develop academic calendars and design programs that incorporate best practices and methods for the development of generic skills and professional competencies.

The Practice: The institute has a wellstructured and calendarbased schedule of programs and activities aimed at fostering generic skills and professional competencies. The institute offers the following programs to its students: Soft Skills Life Skills ICT Computing Skills Language Communication Online MOOC programs SWAYAM, NPTEL Certificate Addon Value added programs Sports day Cultural events NSS and outreach programs Placement details Specific training and workshops are organized for each program, ensuring that students from every department have the opportunity to enhance their professional competencies. Likewise, the institute promotes and facilitates student engagement in both internal and external sports and cultural activities. Additionally, as part of its social corporate responsibility, the institute encourages students to actively participate in NSS and other outreach programs.

Evidence of Success: Among the 184 capacity building and skill

enhancement programs organized by the institute, students from all departments actively took part. An impressive 95.7% of the students have successfully attended the Certificate Add on Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc arranged by the institute. With the institute hosting 209 outreach programs, nearly every student is actively involved in at least one of these initiatives. The institutes concerted efforts in organizing these programs have led to a rising placement rate. In the most recent year, 500 industry offers were received for students. There has been a consistent annual increase in the number of students participating in these programs.

Problems encountered and Resources required It is challenging for both faculty members and students to find time from their regular work and academic commitments to encourage students to undertake innovative and technically competent projects. The following are the problems that have been encountered: Encouraging individuals to participate in the program. Difficulty in finding time for faculty members and students due to regular classes and work. Ensuring completion of certification for the SWAYAM and NPTEL programs. Through dedicated efforts and comprehensive training right from the start, all mental barriers have been overcome. Students have actively engaged in all programs and acquired the necessary skills with the support and guidance of the faculty, mentors, and training providers.

Objectives of the Practice: To establish a cooperative relationship between Institute and Industry. To encourage mutually beneficial research oriented learning inputs for faculty and students To enhance newer technology transfer for socio economic development To bridge gap between employability and competence To augment communication and professionalism

The context: The faculty development and research activities play a significant role in enhancing the performance of the institute and enable the institution to achieve its mission. These activities also empower faculty members to engage in community and regional initiatives. Furthermore, the training and research initiatives have a direct impact on students project activities and contribute to the expansion of their knowledge base.

The Practice: To comprehend the skills demanded by the industry, partnerships and Memorandums of Understanding MoUs have been established with 24 organizations and industries. The institution has conducted following activities to boost research and development. The institute has implemented a policy to offer financial aid aimed at bolstering

research and development. Faculty members are encouraged to participate in seminars, conferences, research projects and paper publications. A grant of 114 lakhs has been allocated to the institute for project undertakings. The college actively encourages students to participate in Idea grant competitions organized by the Kerala startup mission KSUM, and several student teams have successfully secured Idea grants from KSUM. Moreover, the institution maintains close association with chapters such as the American Society of Mechanical Engineers ASME, Society of Automotive Engineers SAE, Computer Society of India CSI, and the American Society of Civil Engineers ASCE.

Evidence of Success: Students have the opportunity to engage in academic project work by visiting these industries. With the support of the industry, they design new products and write research papers. This has led to an improvement in their placement prospects. A significant number of research projects are undertaken throughout the assessment year. Faculty development programs have been attended by 42 of the faculty members.

Problems encountered and Resources required: The research program plays a crucial role in the learning and development process for individuals. However, finding time amidst regular work to encourage individuals to engage in research projects poses difficulties for both faculty members. The following are the problems that have been encountered: Insufficient availability of highend equipment. Lack of qualified resource persons. Limited availability of research assignments. These challenges were overcome through the motivation, guidance, and support provided by faculty mentors and the management. To support the willingness of students and faculty members to work on their research projects, several resources were made available, including CAD/CAM software, assistance from the research cell, access to the library, and active participation of educators.

Institutional Distinctiveness SJCET Palai One of the main objectives of the institution is the enlightenment of the whole society. The institutions mission is to grow into a worldclass, pacesetting institute with a unique identity and character that meets the aspirations of society. Every curricular and cocurricular activity is carried out in a way that fulfills the institutions vision and mission. The institution provides a state of the art environment and infrastructure for teaching. Faculty and

students are urged to participate in research, and students receive certain moral and ethical principles that will help them succeed in life. The SJ CET campus is a green campus with a lot of ecofriendly initiatives. From its inception, the management of the institution has followed a naturefriendly approach. The campus is more than 46 acres, and the major area of the campus is filled with wellmaintained greenery with thousands of plants and trees. Hundreds of birds from 36 different species have been found on campus. Among them, some are really rare to find around us. The institution makes numerous efforts to uphold the green philosophy. This has led to the development of green morals and ethics towards the environment among the staff and students. Good citizens should responsibly use water and other natural resources. Students of SJ CET are sensitized for optimal use of resources from the day they commence living on campus. The institution teaches them not only engineering but also the lessons of life. Students can observe various water recycling plants and water conservation facilities on campus. Choondacherry by nature is a village with many virtues. A lot of rainfall takes place in this village. There are three main rainwater harvesting tanks in the campus. Besides, there are wellrecharging facilities developed in the campus. To maintain harmony with nature, the institute effectively balances the utilization of natural resources and the recycling of the resources. The Meteorological Centre, located on campus, can measure various metrics and store them for later use. SJ CET is also an ISO 14001:2015certified institution, which adheres to the specifications for an environmental management system that an institution may utilise to improve its environmental performance. Waste management: All electronic equipments used on the campus are regularly maintained and repaired to ensure the minimum amount of ewaste. Ewaste is being disposed of as per the norms of the Pollution Control Board. In order to reduce plastic usage, most of the infrastructural elements are made of wood, glass, and other degradable materials. The use of plastic inside the campus is strictly restricted. Reusing singlesided papers will significantly reduce the amount of paper used. The campus consists of 3 biogas plants situated in hostels at SJ CET. It can greatly contribute to reducing greenhouse gases, as it has the possibility of reducing the need to use fossil fuels. Hostel wastewater is collected on campus and recycled for use in farming and gardening. Energy

Conservation: The institution has taken initiatives for energy conservation. SJCET owns three solar power plants on campus that will contribute to most of the energy requirements. A total of 210 kWp solar power plant generated 258532 units of electricity in 2022. The installation of another solar plant is in the pipeline. As per KSEBL regulations, we can add another 50 kWp solar power plant to the existing system.

Quality Initiatives: Today's academic institutions are known for producing thousands of research papers, journal articles, and patents in addition to supporting academic activities. APJ Abdul Kalam Technological University's SJCET research centre offers facilities for research in five distinct fields. In this institution, 15 professors are research supervisors, and more than 51 professors are engaged in their own research. There are about 35 faculty with Ph.D.s in various fields. A little over 57 of teaching faculty are actively involved in research activities. It was emphasised to faculty and students that research participation is an important aspect of the institution's quality mission. Students take an active role in publishing the results of their research projects in reputable publications and take part in competitions related to research and project design exhibitions. By offering a variety of support services to a wide range of beneficiaries, St. Joseph's Centre for Industrial Consultancy is highly active in a number of sectors, including Civil Engineering, Computer Science, and Mechanical Engineering. Collaboration between industry and academics fosters technological advancement and innovation. Industry collaborations are essential for developing research and a qualified workforce. The majority of the institution's departments signed MoUs with companies that work in their respective fields. For free continual digital learning on a diverse range of topics, we have platforms like Infosys Springboard and UiPath. An Infosys Springboard student can greatly benefit from the educational initiatives and Infosys partnerships with other reputable industry resource providers like Coursera, Harvard Publications, and more. Students can use UiPath Academy's platform to get certified in a wide range of technologies. Patents are a necessary component of a rapidly expanding academic institution. Patents benefit society because they encourage creativity and aid in the creation of new goods. They protect intellectual property as well. The faculty and students at SJCET are encouraged to conduct research and submit patent applications. We currently own three patents and have eleven more filed. The

SJCET Startup Bootcamp IEDC Innovation and Entrepreneurship Development Centre is a part of the Kerala Startup Mission initiative to develop a startup culture amongst students. Students have the chance to experiment and innovate at the IEDCs. The institutions IEDC received the Best Performing IEDC award in 2017 and 2019. SJCET Bootcamp is supported by the Department of Industries and Commerce and the institutions Innovation Council, Ministry of HRD. There are twelve companies founded and incubated in the SJCET Startup Bootcamp. The management is dedicated to creating a worldclass, innovative institute of engineering and technology that produces graduates with strong moral and ethical principles as well as academic and research aptitudes.

6.2 Strategy Development and Deployment SJCET Palai 6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic perspective development plan etc.

6.3 Faculty Empowerment Strategies SJCET Palai 6.3 Faculty Empowerment Strategies Software Development Center 20230705T12:00:0400:00 6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and nonteaching staff 6.3.2 Percentage of teachers provided with financial support to attend conferences workshops and towards membership fee of professional bodies during the last five years 6.3.3 Percentage of teaching and nonteaching staff participating in Faculty development Programmes FDP, professional development administrative training programs during the last five years Certificates Brochures Reports Year wise

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20231101T07:39:5700:00 DVV Clarification EXTENDED PROFILE CRITERIA 1 to 7 CRITERIA 1

1.2.1 Number of Certificate Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years

1.2.2 Percentage of students enrolled in Certificate Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

1.3.2 Percentage of students undertaking project workfield work internships Data for the latest completed academic year 1.3.2.1. Number of students undertaking project workfield work internships

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

CRITERIA 2 2.1.1 Enrolment percentage 2.1.1.1. Number of seats filled year wise during last five years Only first year admissions to be considered

2.1.1.2. Number of sanctioned seats year wise during last five years 2.1.2 Percentage of seats filled against reserved categories SC, ST, OBC etc. as per applicable reservation policy for the first year admission during the last five years

2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years Exclusive of supernumerary seats

2.1.2.2. Number of seats earmarked for reserved category as per GOI State Govt rule year wise during the last five years 2.2.1 Student Full time Teacher Ratio Data for the latest completed academic year

2.4.1 Percentage of fulltime teachers against sanctioned posts during the last five years 2.4.1.1. Number of sanctioned posts year wise during the last five years

2.4.2 Percentage of full time teachers with NETSET SLET Ph. D.D.Sc. D.Litt.L.L.D. during the last five years consider only highest degree for count 2.4.2.1. Number of full time teachers with NETSET SLET Ph. D. D.Sc. D.Litt.L.L.D year wise during the last five years

2.6.3 Pass percentage of Students during last five years excluding backlog students 2.6.3.1. Number of final year students who passed the university examination year wise during the last five years

2.6.3.2. Number of final year students who appeared for the university examination yearwise during the last five years CRITERIA 3 3.1.1 Grants received from Government and nongovernmental agencies for research

projects endowments in the institution during the last five years INR in Lakhs 3.1.1.1. Total Grants from Government and nongovernmental agencies for research projects endowments in the institution during the last five years INR in Lakhs 3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights IPR and entrepreneurship conducted during the last five years 3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights IPR and entrepreneurship year wise during last five years 3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years 3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years 3.3.2 Number of books and chapters in edited volumes/books published and papers published in national international conference proceedings per teacher during last five years 3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national international conference proceedings year wise during last five years 3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years 3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non Government Organizations through NSS NCC etc., year wise during the last five years 3.5.1 Number of functional MoUs/linkages with institutions/industries in India and abroad for internship, on the job training, project work, student faculty exchange and collaborative research during the last five years. CRITERIA 4 4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years 4.1.2.1. Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years INR in lakhs 4.3.2 Student Computer ratio Data for the latest completed academic year 4.3.2.1. Number of computers available for students usage during the latest completed academic year: 4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years INR in Lakhs 4.4.1.1. Expenditure incurred on maintenance of infrastructure physical facilities and academic support facilities excluding salary component year wise during the last five years INR

in lakhs

CRITERIA 5

5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and nongovernment bodies, industries, individuals, philanthropists during the last five years

5.1.1.1. Number of students benefited by scholarships and freeships provided by the institution, Government and nongovernment bodies, industries, individuals, philanthropists during the last five years

5.1.2 Capacity development and skills enhancement initiative taken by the institution

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

5.1.3.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

5.1.4 The institution has transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

5.2.1.1. Number of outgoing students placed and or progressed to higher education year wise during the last five years

5.2.1.2. Number of outgoing students year wise during the last five years

5.2.2 Percentage of students qualifying in state national international level examinations during the last five years

5.2.2.1. Number of students qualifying in state national international level examinations year wise during last five years eg: IITJAMNETSLETGATEGMATGPATCLATCAT GRETOEFL IELTS Civil Services State government examinations etc.

5.3.1 Number of awards medals for outstanding performance in sports cultural activities at University state national international level award for a team event should be counted as one during the last five years

5.3.1.1. Number of awards medals for outstanding performance in sports cultural activities at national international level award for a team event should be counted as one year wise during the last five years

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years organised by the institution other institutions

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

CRITERIA 6

6.2.2 Institution implements e governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

6.3.2 Percentage of teachers provided with financial support to attend

conferencesworkshops and towards membership fee of professional bodies during the last five years 6.3.2.1. Number of teachers provided with financial support to attend conferencesworkshops and towards membership fee of professional bodies year wise during the last five years 6.3.3 Percentage of teaching and nonteaching staff participating in Faculty development Programmes FDP, Management Development Programmes MDPs professional development administrative training programs during the last five years 6.3.3.1. Total number of teaching and nonteaching staff participating in Faculty development Programmes FDP, Management Development Programmes MDPs professional development administrative training programs during the last five years 6.3.3.2. Number of nonteaching staff year wise during the last five years 6.5.2 Quality assurance initiatives of the institution include: 1. Regular meeting of Internal Quality Assurance Cell IQAC quality improvement initiatives identified and implemented 2. Academic and Administrative Audit AAA and followup action taken 3. Collaborative quality initiatives with other institutions 4. Participation in NIRF and other recognized rankings 5. Any other quality auditaccreditation recognized by state, national or international agencies such as NAAC, NBA etc. CRITERIA 7 7.1.2 The Institution has facilities and initiatives for 1. Alternate sources of energy and energy conservation measures 2. Management of the various types of degradable and nondegradable waste 3. Water conservation 4. Green campus initiatives 5. Disabledfriendly, barrier free environment 7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following 1. Green audit Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities

6.5 Internal Quality Assurance System IQAS SJ CET Palai 6.5.1 Internal Quality Assurance Cell IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

1.1 Curricular Planning and Implementation SJ CET Palai St. Josephs College of Engineering and Technology, Palai follows a wellplanned, defined and well documented process for curriculum delivery. All processes are strictly adhering to the APJAKTU prescribed Academic Calendar. The process flow for implementation, both through direct classroom teaching methods, Cocurricular and ExtraCurricular Activities is shown pictorially here in. Documentary evidences are attached, which are also elaborated in subsequent criterions as well. To briefly articulate the process, SJ CET welcomes newly admitted class 12 students into the new environment of professional education with a specifically designed Induction Program. Subsequently, strictly adhering to Academic Calendar, SubjectCourse are allocated, Timetable is prepared, Course Plan is charted, verified and approved, Content is delivered through various methods including pedagogical methods and ICT enabled methods, documentary evidences of all activities are well maintained in the Course File and Course Diary, Student Assessments are performed through prescribed Continuous Internal Evaluation and End Semester University Examination, Remedial Classes and Personal Mentoring is organized for needy students, CoCurricular Extracurricular Activities are organized and encouraged, and finally Result Analysis and Course Attainment is computed and deliberated upon for continuous improvement. The entire process is subject to Academic Audit, both Internal and by the APJAKYU for adherence to academic regulations and calendar. Links to documentary evidences, some of which are further articulated in subsequent criterions as well, are below.

6.4 Financial Management and Resource Mobilization SJ CET Palai 6.4 Financial Management and Resource Mobilization Software Development Center 20230705T10:05:2500:00

7.1 Institutional Values and Social Responsibilities SJ CET Palai Describe the institutional effectsinitiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and sensitization of students and employees to the constitutional obligations: values, rights, duties responsibilities of citizens.

1.2 Academic Flexibility SJ CET Palai 1.2.1 Number of Add on Certificate Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. where the students of the institution have benefited during the last five years

7.2 Best Practices SJ CET Palai 7.2 Best Practices Software Development Center 20230919T10:42:2000:00 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual Workshops Seminars Conferences

1.3 Curriculum Enrichment SJ CET Palai 1.3 Curriculum Enrichment Software Development Center 20230708T13:43:4700:00 1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum St. Josephs College integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability while delivering various courses in the university prescribed curriculum so as to inculcate in students an overall value system and through the future leaders, enhance the overall wellbeing of the society and the environment we live in. The courses and its curriculum, through which SJ CET integrates crosscutting issues are mentioned here in. Courses common to all branches of Engineering APJAKTU, to which SJ CET is affiliated, has introduced various subjects which integrates cross cutting issues in the curriculum spread over the four years of Engineering, both as core subjects and as elective courses in the final year. Courses specific to branches of engineering Certain courses in specific branches of Engineering, even though are technical in content, integrates certain aspects of the crosscutting issues as the course is being delivered. Courses specific to postgraduate courses Courses specific to Master of Business Administration and Master of Computer Applications integrates certain aspects of the crosscutting issues as the course is being delivered. In addition to the courses in curriculum, SJ CET addresses cross cutting issues through various indirect methods. Active student involvement in various clubs and activities like IEEE Women in Engineering Affinity Group, Women in Development Cell, National Service Scheme, Environment related Clubs like Nature club, EnCon Green Club etc, which are

articulated in subsequent criterion with documentary evidences, integrates various cross cutting issues into students overall character formation. 1.3.2 Percentage of students undertaking project workfield workinternships Data for the latest completed academic year: 2022

7.3 Institutional Distinctiveness SJCET Palai Home7.3 Institutional Distinctiveness 7.3 Institutional Distinctiveness Software Development Center 20230714T11:42:3800:00 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust

2.1. Student Enrollment and Profile SJCET Palai 2.1. Student Enrollment and Profile Software Development Center 20230720T08:29:5100:00 2.1.1 Enrollment percentage List of admitted students 2.1.2 Percentage of seats filled against seats reserved for various categories SC, ST, OBC, etc. as per applicable reservation policy during the last five years

1.4 Feedback System SJCET Palai 1.4.1 Institution obtains feedback on the academic performance and ambiance of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

2.6 Student Performance and Learning Outcome SJCET Palai 2.6 Student Performance and Learning Outcome Software Development Center 20230715T07:02:2300:00 2.6.1 Programme Outcomes POs and Course Outcomes COs for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated 2.6.2 Attainment of POs and COs are evaluated. 2.6.3 Pass percentage of Students during last five years

2.5. Evaluation Process and Reforms SJCET Palai 2.5. Evaluation Process and Reforms Software Development Center 20230710T04:07:1800:00 2.5.1 Mechanism of internal external assessment is transparent and the grievance redressal system is time bound and efficient Continuous Internal Evaluation CIE and End Semester Examination rules given by the University and Mark split up page

2.4 Teacher Profile and Quality SJCET Palai Home2.4 Teacher Profile and Quality 2.4 Teacher Profile and Quality Software Development Center 20230720T10:44:2700:00 2.4.1 Percentage of fulltime teachers against sanctioned posts during the last five years 2.4.2 Percentage of full time teachers with NETSET Ph. D.D.Sc.D.Litt. during the last five years consider only highest degree for count

Quality Policy SJCET Palai Quality Policy Software Development Center 20230705T07:20:4300:00 We are committed to provide customer relevant Technical Education Programmes and related services for their satisfaction and continuously improve the quality to meet the growing demands.

2.3 TeachingLearning Process SJCET Palai 2.3 TeachingLearning Process Software Development Center 20230715T08:45:3500:00 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

3.2 Innovation Ecosystem SJCET Palai 3.2 Innovation Ecosystem Software Development Center 20240319T04:32:5900:00 3.2.2 Number of workshopsseminarsconferences including on Research Methodology, Intellectual Property Rights IPR and entrepreneurship conducted during the last oxandrolone prescription online five years Year 202223 202122 202021 201920 201819 Total Number 42 71 42 27 23 205 Focus Area202223202122202021201920201819 Research Methodology 6 8 9 2 4 Intellectual Property Rights IPR 2 2 1 0 0 Entrepreneurship 34 61 32 25 19 Total 42 71 42 27 23

3.3 Research Publication and Awards SJCET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library

Infrastructure 4.3.2 Student Computer ratio Data for the latest completed academic year

repositories, amount spent on purchase of books, journals and usage of library

gymnasium, yoga centre etc. in the institution

NGOs during the last five years Year202223202122202021201920201819Total Number of Activities

3.5 Collaboration SJ CET Palai 3.5 Collaboration Software Development Center

20230704T11:30:1400:00 3.5.1 The number of MoUs, collaborationslinkages for Faculty exchange, Student exchange, Internship, Field project, Onthejob training, research and other academic activities during the last five years YearMoUInternshipProjectsIndustrial VisitsCollaborationsTotal

2022	23	6	42	0	16	26	90	2021	22	12	25	20	14	25	96	2020	21	2	17	12	22	53	2019	18	3	22	3	8	13	49
2018	19	1	33	10	12	17	73	Total	24	139	45	50	103	361																

5.4 Alumni Engagement SJ CET Palai 5.4 Alumni Engagement Software Development Center

20230706T17:46:5400:00 5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial andor other support services

4.4 Maintenance of Campus Infrastructure SJ CET Palai Home4.4 Maintenance of Campus

Infrastructure 4.4 Maintenance of Campus Infrastructure Software Development Center

20230915T09:39:4900:00 4.4.1 Percentage of expenditure incurred on maintenance of infrastructure physical and academic support facilities excluding salary component during the last five years INR in Lakhs

5.3 Student Participation and Activities SJ CET Palai Home5.3 Student Participation and Activities

5.3 Student Participation and Activities Software Development Center 20230706T17:43:1800:00

5.3.1 Number of awardsmedals for outstanding performance in sports cultural activities at University state national international level award for a team event should be counted as one during the last five years 5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years organised by the institutionother institutions

6.1 Institutional Vision and Leadership SJ CET Palai 6.1 Institutional Vision and Leadership Software

Development Center 20230705T07:45:3700:00 6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance Minutes of the Governing Body Meeting Minutes of Academic Council Meeting

5.2 Student Progression SJCET Palai Home5.2 Student Progression 5.2 Student Progression Software Development Center 20230706T17:31:2100:00 5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years 5.2.2 Percentage of students qualifying in statenational international level examinations during the last five years eg: JAMCLATGATE GMAT CAT GRE TOEFL Civil ServicesState government examinations

5.1 Student Support SJCET Palai 5.1 Student Support Software Development Center 20230721T10:13:3200:00 5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and NonGovernment agencies and philanthropists during last five years Year wise list of beneficiaries Sanction Letters of Government Scholarship Schemes 5.1.2 Capacity building and skills enhancement initiatives taken by the institution 5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years 202223 202122 202021 201920 201819 202223 202122 202021 201920 201819 5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Annual Report of AntiRagging Committee SCST Cell Internal Complaint Committee Student Grievances and Redressal Committee

Page not found SJCET Palai Oops, This Page Could Not Be Found Helpful Links Search Our Website Cant find what you need Take a moment and do a search below

ISHMT SJCET Staff and Student Chapter SJCET Palai ISHMT SJCET Staff and Student Chapter Software Development Center 20240416T03:58:1200:00 ISHMT SJCET Staff and Student Chapter

ISHMT staff and student chapter was formed as a part of ISHMT Regional Chapter Trivandrum and was inaugurated on 30/03/2019 by Dr S Sunil Kumar, Deputy Director LPSC, and President ISHMT Regional Chapter, Trivandrum. The main purpose and objectives of the Society are: To promote the science and technology of heat and mass transfer. To provide a common forum for industrialists, technologists, scientists and others to meet and to foster the advancement of the science and applications of heat and mass transfer. To disseminate scientific and technical information of interest to the members through publication of periodicals, reports and so on. To provide furtherance of professional development of the members including monetary assistance in the participation of conferences in India and abroad. To recognize the contribution made by the members in the field of heat and mass transfer research via distributing awards. Currently this professional society has seven staff members from department of Mechanical Engineering as LIFE members and thirty four student members. This professional Society act as a platform for staff members and students to interact with experts in the field of heat and mass transfer. Staff members and student members get an opportunity to attend the golden jubilee Lecture series organized by ISHMT Trivandrum Regional chapter. Also this professional society provides opportunity for M Tech students members to present their research works in the field of Heat and mass transfer to the experts in this field and compete for best M Tech Thesis awards given by ISHMT Trivandrum Regional chapter. Each year the members who are awarded PhD are felicitated in the annual General body meeting of ISHMT Trivandrum Regional Chapter. Office bearers includes: Staff in charge: Mr. Dinu George, Asst. Professor, Mechanical Department. Student Representatives: President :Anisf Shajahan, S6 ME A VicePresident:Rahual Omanakuttan,S6 ME B Secretary: Mr.Abhijith Vinod, S6 ME A Activities 2023/2024 Five Faculty members, Dr. Rajesh Baby, Mr. Dinu George, Mr. Anoop Lal, Mr. Rajiv Krishnan and Mr. Adarsh Ramachandran from department of Mechanical Engineering, attended One Day Colloquium on Advances in Propulsion and Heat transfer. The event took place on July 7th, 2023, at the Srinivasan Auditorium, VSSC, and was jointly organized by the ISHMT Regional Chapter, Trivandrum ISHMTRCT, and Vikram Sarabhai Space Centre, Trivandrum. Five Faculty members, Dr. Rajesh Baby, Mr. Dinu George, Mr. Anoop Lal, Mr. Rajiv Krishnan and Mr. Adarsh

Ramachandran from department of Mechanical Engineering, attended One Day Colloquium on Advances in Propulsion and Heat transfer. The event took place on July 7th, 2023, at the Srinivasan Auditorium, VSSC, and was jointly organized by the ISHMT Regional Chapter, Trivandrum ISHMTRCT, and Vikram Sarabhai Space Centre, Trivandrum. Dr. Rajesh Baby, Associate Professor, Department of Mechanical Engineering, SJ CET Palai was selected as one of the executive council members of the ISHMT Regional Chapter Trivandrum ISHMTRCT during the Annual General Body Meeting held on April 5th, 2024. St. Josephs College of Engineering and Technology Palai hosted a seminar on April 9th, 2024, focusing on Advances in Additive Manufacturing for the Creation of NextGeneration Thermal Energy Storage Devices. The event was organized by the Department of Mechanical Engineering in collaboration with the Indian Society for Heat and Mass Transfer ISHMT college chapter. Dr. Sandra Boetcher, a distinguished professor of Mechanical Engineering and College of Engineering Research Fellow at EmbryRiddle Aeronautical University, United States of America, graced the occasion with her insightful presentation. During her talk, she highlighted various research endeavours undertaken at her university concerning this pertinent subject matter. She delved into the significance of these innovative technologies in shaping our imminent future. Dr. Boetcher expressed her keen interest in fostering collaborative research efforts with St. Josephs College of Engineering and Technology in Palai, particularly aimed at aligning with the requirements of various projects in India. The seminar attracted an audience of approximately 400 enthusiastic students.

20222023 Technical Talk on Thermal Management of Electric vehicles A technical Talk session on Thermal Management of Electric Vehicles was organized jointly ISHMT Staff and Student chapter SJ CET on 28/04/2023 at SJ CET Palai. The session was of one hour duration 12.00 PM to 1 PM and was handled by Dr Rajesh Baby, Dean Research SJ CET Palai. In the session different challenges associated with battery cooling and the latest developments in this field. All ISHMT student members attend the session.

ISNEE SJ CET Palai ISNEE Software Development Center 20240415T04:18:1100:00 ISNEE SJ CET

ISNEE is an organization that provides a platform to all the Engineering and Diploma pursuing

candidates to steer their path towards Technical and Managerial expertise. ISNEEs design challenges Go Kart Design Challenge, Quad TORC, and Formula Green with phenomenal competitive stages guide every participant to empirical glory. The organization aims in bridging the gap between the academy and industry by offering a series of design competitions and skill development programs to the engineering students where they can learn and implement the knowledge gained while in the classroom. The inauguration of ISNEE SJCET chapter was , by our principal Dr. V.P. Devasia. The GoKart was unleashed by Dr. Binoy Baby, HOD of Mechanical Engineering department The Gokart was flagged off by Mr.Sachin Jose, Assistant Professor in Mechanical Engineering and the Faculty in charge of the Club chapter ,marking the beginning of a whole new venture for ISNEE SJCET chapter. The elected ExCom for 20222023 GODLY TIJI Chairman of ISNEE SJCET ANDREWS JOYCE Vice Chairman of ISNEE SJCET AJEESH A Manager of ISNEE SJCET ALBIN MATHEW SAM Finance Officer of ISNEE SJCET SHARON JOSE Technical Coordinator of ISNEE SJCET RANIL JOSEPH Design team Coordinator, ISNEE SJCET JIJO JOSE Media team Coordinator, ISNEE SJCET Activities 202223 IKC Indian Karting Championship IKC is an intercollegiate engineering design competition for undergraduate and graduate engineering students. The object of the competition is to implement good engineering practices, design projects and their related research work. Our team Rognation, the only team from Kerala aspired and succeeded in getting in to Indian Karting Championship held at Mohits Racing Academy Kolhapur at Maharashtra from February 1417,2023.completed all the tech rounds with grit and determination and stood 6th in 150cc in All Indian ranking. GKDC Our team also participated in the national level EV GOKART competition held at Kari Motor Speedway Racetrack at Coimbatore from April 1013,2023. Denny Scaria, who is the founder president of the chapter ,currently pursuing his higher studies in US gave and orientation to the club members on the American academic and industrial scenario on 19 July 2023. Activities 202122 EXHIBITION In the year of 2022, we have participated in the science exhibition organized by Jyothi Public School, Paika. We got the opportunity to display our project vehicle representing SJCET, in front of thousands of civilians and students which helped them to understand and acquire knowledge regarding Motorsports and

Engineering EXPO Our club members also became a part of the Ente Keralam expo, Kottayam, organized by the state government. ORIENTATION The ISNEE Motorsport club and its various competitions were introduced to the 1st year students through an orientation programme. The orientation programme also helped students to understand the various opportunities provided by the club and how being a part of the same would help them to shape their careers. Mr.Sachin Jose the faculty coordinator lead the program. ASTHRA 7.0 Asthra 7.0, a national level technical fiesta at sjcet wants to connect with college students all over kerala in order to pique their interest in science and technology.Our Team also participated in this technical fiesta .

SJCET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home FacebookInstagramLinkedinYouTubeTwitter Software Development Center 20240319T07:41:1500:00

A homepage section SJCET Palai A homepage section 20171114T05:45:2400:00 This is an example of a homepage section. Homepage sections can be any page other than the homepage itself, including the page that shows your latest blog posts.

2.2. Student Teacher Ratio SJCET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home FacebookInstagramLinkedinYouTubeTwitter Home2.2. Student Teacher Ratio 2.2. Student Teacher Ratio Software Development Center 20230703T04:09:4100:00 2.2.1 StudentFull time Teacher Ratio Content Here Content Here Content Here

Abin Paul SJCET Palai 1Semiautomatic power hammerInternational Colloquium on recent trends in EngineeringMA college of Engineering Kothamangalam 2Experimental study of refrigeration cycle using diffuser pipe and application of nano particles.Transactions on innovations in science and

TechnologyVol 4, issue 2,2019, pp 6 8 ISSN 24565075. 3International Journal of Scientific research and developmentDesign and development of a gear based conveyor system ISSN 23210613 Vol6, issue4, 2018 4International Journal of Scientific research and developmentLocomotive Machine Mountings A ReviewISSN 23210613 Vol6, issue4, 2018 5International journal of science and ResearchWind flow analysis on a vertical axis wind turbineISSN 23197064 6International journal of science and ResearchResidual stress analysis of mild steel ASTM A 36 in Milling and DrillingISSN 23197064 7International Journal Of Science and Research,Electromagnetic shielding effectiveness of high density poly ethylene based composite materialsVolume 4: Issue 04 April 2015. 8National conference on emerging vistas of Engineering and management,Evaluation of buckling load carrying capability of a transport aircraft wing structureNovember 2014.

Abraham Thomas SJ CET Palai Abraham Thomas Software Development Center
20190112T02:49:5500:00 Prof. Abraham Thomas Assistant Professor Department of Electronics
and Communication Engineering Mobile Number: 91 8281688950 Email:
athomas.sjcetsjcetpalai.ac.in Date of joining SJ CET: 06082012 Association with the institution:
Regular Education Experience National Conference Education Sl.No Qualification University Year of
passing Specialization 1 B.Tech JNTU Hyderabad 2010 ECE 2 M.Tech Kerala University 2012
Signal Processing 3 Ph.D Experience Date of joining SJ CET : 682012 Status as on date of joining :
Permanent Present status : Permanent Previous Experience Sl. No Name of the collegeIndustry
Designation Experience Years Months 1 College of Engineering Trivandrum Guest Lecturer 4
months National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1
Analysis of the Chaotic nature of Speech Prosody and Music IEEE Indicon 2012 Kochi ,1132012

Dept. of CSE Students Projects SJ CET Palai EVERYONE SHOULD LEARN HOW TO CODE, IT
TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the
Computer Science and Engineering Department of St. Josephs College of Engineering and
Technology Palai provides a wellrounded education through innovative methods to meet the needs

of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative ways.

VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society.

MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various programs periodically To acquire selfsustainability and serve the society through research and consultancy

PEO

PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs.

PEO2: The graduates will have the ability and attitude to adapt to emerging technological changes.

PEO3: The graduates will be able to pursue higher education and research.

PSO After Successful Completion of the programme, the graduates will be able to

PSO 1: Analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.

PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems.

Athira Venugopal SJCT Palai Athira Venugopal Software Development Center

20240709T04:38:0500:00 Prof. Athira Venugopal Assistant Professor Department of Science Humanities Mobile Number:8921708617 Email: athiravenugopalsjctpalai.ac.in Date of Joining: 01112021 Nature of association: Regular Education Experience STTPFDP Conference SeminarsWorkshops attended Education DegreeSpecializationInstitutionUniversityYear of Passing B. Sc Mathematics Devamatha College Kuravilangadu Mahatma Gandhi University ,Kottayam 2014 M. Sc Mathematics Devamatha College Kuravilangadu Mahatma Gandhi University Kottayam 2016 M. Sc Biostatistics ICMR National Institute of Epidemiology, Chennai Periyar University 2019 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving All India

Institute Od Medical Sciences, New Delhi ScientistBNonMed January 2020 November 2020 Mar
 Kuriakose Arts and Science College, Kottayam Assistant Professor June 2019 January 2020
 Trimphant Institute of Management Education pvt ltd. Faculty January 2019 May 2019 STTPFDP
 Conference SeminarsWorkshops attended International Conference on Application of SPSS and
 Statistical Data Analysis Short Course on Methods and Modelling in Environmental Health Research
 36th Annual Conference of Indian Society for Medical StatisticsISMSCON2018

Anju B SJ CET Palai Anju B Software Development Center 20230811T05:37:4500:00 Prof. Anju B
 Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9605054820
 Email: anjusjcetpalai.ac.in Education Experience Publications Conference Education
 DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer science Sjcet M.G 2011
 M.Tech. Software Engineering Karunya Karunya 2013 Experience Name of the
 CollegeIndustryDesignationDate of JoiningDate of Relieving RIT pampady Assistant Professor
 Adhoc 972013 3042014 College of engineering kidangoor Assistant Professor Adhoc 2572014
 2722015 Government engineering college painavu Assistant Professor Adhoc 2092022 2572023
 Publications A paper named An approach to medical image compression using filters based on
 lifting scheme was published in the journal International Organization of Scientific Journal of VLSI
 and Signal Processing IOSRJVSP A paper named A Survey on Medical Image Compression was
 published in the journal International Research Journal of Computer Science Engineering and
 Applications IRJCSEA Conference Presented the paper named Image Compression using FIRIIR
 and Directional filters in the International Conference on Computer Science and Information
 Technology ICCSIT held at Coimbatore.

Abyson Scaria SJ CET Palai Abyson Scaria Software Development Center
 20240830T06:18:4800:00 Dr. Abyson Scaria Assistant Professor Department of Mechanical
 Engineering Mobile Number: 91 9495081076 Email: abyson1985gmail.com Date of joining
 SJ CET:23062011 Association with the institution: Regular Education Experience Memberships FDP

Workshops Attended FDP Workshops Organized Publications MOOC Courses Areas of Interest

Education Qualification	Specialization	Institution	University	Year of Passing
B.Tech. Mechanical Engineering		SJCET, Palai	Mahatma Gandhi University	2007
M.Tech. Industrial Engineering		CET, Thiruvananthapuram	Kerala University	2010
Ph.D. Industrial Engineering		MACE, Kothamangalam	Kerala Technological University	2024
Business Analyst	NSQF Level 5 Business Analytics	ASAP, Kerala IIT Palakkad		2024

Experience

Name of the College	Industry Designation	Date of Joining	Date of Relieving
Jyothi Engineering College, Cheruthuruthy	Lecturer	2008	2007 30042011
Jyothi Engineering College, Cheruthuruthy	Assistant Professor	01052011	22062011
St. Josephs College of Engineering Technology, Palai	Assistant Professor	23062011	till date

Memberships

Name of Institution	Type of Membership	Membership ID
The Indian Society for Technical Education	Life Member	LM 90159

FDP Workshops Attended

Sl. No	Name of Training Workshop	Year	Date	Duration	Organizer
1	Teaching Excellence and Methodologies	2011	June	July 1 week	Indian Society For Technical Education
2	Composite Materials	2012	February,29	March,2 3 Days	College of Engineering, Trivandrum
3	Introduction to Research Methodologies	2012	June,25	July,4 2 Weeks	IIT Bombay
4	Engineering Thermodynamics	2012	December,11	21 2 Weeks	IIT Bombay
5	Advanced Automobile Engineering	2013	May,17	18 2 Days	SJCET, Palai
6	National Conference on Mechanical Engineering for Future	2013	June, 15	1 Day	SJCET, Palai
7	Multivariate Analysis using SPSS Spreadsheets	2014	January	February, 3 Days	NIT, Calicut
8	Fluid Mechanics	2014	May, 20	30 2 Weeks	IIT Kharagpur
9	25 th Annual Convention of ISTE, Kerala Section	2014	October,25	1 Day	Jyothi Engineering College, Cheruthuruthy
10	Technical Communication	2015	October,8	December,5 2 Week	IIT Bombay
11	Design and Engineering	2015	October 30	31 2 Days	APJ Abdul Kalam Technological University
12	Pursue, Publish, Prosper	2016	March,30	1 Day	ISTE Staff Chapter, SJCET, Palai
13	Advanced Mechanics of Solids	2017	January,57	2325 , 6 Days	APJ Abdul Kalam Technological University
14	NBA Accreditation	2018	June 18 and 19	2 Days	SJCET, Palai
15	Workshop on Safety	2018	June 29	1 Day	SJCET, Palai
16	Renewable Energy Opportunities and Challenges	2018	November 9	1 Day	SJCET, Palai
17	Recent Advances in Manufacturing Engineering	2019	January 7	11 5 Days	SJCET, Palai

Palai 18 Recent Advances in Fuel Cells 2019 July 812 5 Days SJCTET, Palai 19 Advances in Green Energy Technologies 2019 December 1621 6 Days GEC, Thrissur 20 ATAL FDP on Artificial Intelligence 2021 January 1822 5 Days Sree Buddha College of Engineering, Pattoor 21 Additive Manufacturing 3D Printing 2021 July 1214 3 Days SJCTET, Palai 22 Decision Modelling in Transportation and Logistics Industry 2023 February 27 March 3 5 Days NIT Calicut FDP Workshops Organized

Sl. No	Title	Topic	Year	Duration	Sponsors
1	Workshop on Advanced Automobile Engineering		2013	May 17th-18th	2 Days SJCTET, Palai
2	FDP on Advanced Optimization Techniques		2023	January 30th - February 3rd	5 Days APJ Abdul Kalam Technological University

Publications Books Chapters

Jalumedi Babu, Khaleel Ahmed, Lijo Paul, Abyson Scaria and J. Paulo Davim 2023 Multiresponse Optimization During Highspeed Drilling of Composite Laminate Using Grey Entropy Fuzzy GEF and EntropyBased Weight Integrated MultiVariate Loss Function Evolutionary Optimization of Material Removal Processes Taylor Francis Group pp. 2344.

International Journals

Abyson Scaria and Brijesh Paul 2023 An integrated operations model for supply of relief items under path disruptions OPSEARCH Springer doi: 10.1007/s1259702300647y.

Abyson Scaria and Brijesh Paul 2022 An Integrated Production Distribution model for the supply of relief kits in Flood Relief Supply Chains International Journal of Logistics Systems and Management Inderscience DOI: 1504/IJLSM.2022. 10046609.

Babu George and Abyson Scaria 2019 An optimization of evacuation chain for disaster relief International Journal of Mechanical and Production Engineering Research and Development 9 Trans Stellar pp. 117124.

Akash P Lukose, Abyson Scaria and Babu George 2018 A Firefly algorithm approach for MultiRow Facility Layout Problem Materials Science Engineering 396 IOP Publishing 012072.

Jobin Sebastian, Abyson Scaria and Don George Kurian 2018 Development and Characterization of Alumina coating by Atmospheric Plasma Spraying Materials Science Engineering 330 IOP Publishing 012043.

Abyson Scaria, Kiran George and Jobin Sebastian 2016 An Artificial Bee Colony approach for MultiObjective Job Shop Scheduling Procedia Technology 25 Elsevier pp.10301037.

National Journals

Shawn James, Mathew Abraham, Wilson Mathew, Tony Jo Thomas and Abyson Scaria 2015 Investigation into the effect of magnetic fuel energizer on SI engine SJCTET Journal of Engineering and

Management 8, No.1 pp. 5460. Abyson Scaria 2014 MultiObjective Job Shop Scheduling using modified Genetic Algorithm SJCEJ Journal of Engineering and Management 7, No.1 pp. 2530. International Conferences Abyson Scaria, Brijesh Paul, Jeeno Mathew and Edison George 2023 A Sustainable Relief Distribution Model for Medical Supply during Natural Disasters International Colloquium on Advances in Engineering and Technology ICMACE2023. Abyson Scaria and Abin Sebastian 2022 Sustainable Flow Shop Scheduling 2nd International Conference on Advances in Manufacturing and Material Science ICAMMS 2022. Abyson Scaria and Edison George 2022 An AHP Approach to Prioritize Sustainability Enablers in Vaccine Supply Chain International Conference on Advances in Industrial Engineering and Management ICAIEM 2022. Abyson Scaria and Brijesh Paul 2021 Relief supply optimization of timesensitive product by Constraint Method XXIV Annual International Conference of The Society of Operations Management SOM 2021. Joel Jolly, Jerry K Bastian, Jitto Shaji, Jewel John and Abyson Scaria 2021 Optimization of the Supply of Relief kits from Multiple Facilities under Path Disruptions International Conference on Emerging Trends in Mechanical and Materials Engineering ICEMME21. Midhun S Dileep and Abyson Scaria 2020 Integration of supply chain operations to improve responsiveness in customized production under resource constraints International Colloquium on Recent Trends in Engineering 2020. Abyson Scaria, Jithin Joseph and Jose Philip 2012 Transformation of Manufacturing International Conference on Mechanical Engineering Technology iCoMEt12. Abyson Scaria and Mahesh S. 2010 MultiObjective Flow Shop Scheduling using modified Genetic Algorithm International Conference on Technological Trends ICTT2010. National Conferences Melbin George and Abyson Scaria 2013 A Review of Failure Mode Effect Analysis in manufacturing industry National Conference on Advanced Trends Technologies in Mechanical Engineering ATATIME13. Kiran George and Abyson Scaria 2012 Metaheuristic Approach to production scheduling: A review Conference on Mechanical Engineering Technology CoMEt12. MOOC Courses Sl. NoName of CourseYear Date DurationOrganizer 1 Business Analytics 202224540 hours ASAP, Kerala Areas of Interest Quantitative Techniques, Optimization, Decision Science, Business Analytics

Admission 2018 PreEnquiry SJCET Palai Admission 2018 PreEnquiry Software Development Center 20171221T09:26:1800:00 B.TECH PROGRAMMES Applied Electronics Instrumentation Engineering 60 Seats Civil Engineering 60 Seats Computer Science Engineering 120 Seats Electronics and Communication Engineering 120 Seats Electrical and Electronics Engineering 60 Seats Mechanical Engineering 120 Seats PHD Mechanical Engineering M.TECH PROGRAMMES Computer Science and Engineering 18 Seats VLSI Embedded Systems 18 Seats Advanced Communication Information Systems 24 Seats Advanced Manufacturing and Production Management 18 Seats Power Electronics 24 Seats Structural Engineering Construction Management 24 Seats IC Engines and Energy Systems 24 Seats Master of Business Administration MBA 60 Seats Master of Computer Applications MCA Regular 60 Seats MCA Lateral Entry 60 Seats

Adarsh Ramachandran SJCET Palai Adarsh Ramachandran Software Development Center 20220711T05:24:1500:00 Prof. Adarsh Ramachandran Assistant Professor Department of Mechanical Engineering Mobile Number: 853002671918 Email: adarshramachandransjcetpalai.ac.in

Date of joining: 11112021 Education Experience Publications STTP Conference SeminarsWorkshops STTP , Workshops,FDP,Webinar Education

DegreeSpecializationInstitutionUniversityYear of Passing MTECH AMPM SJCET,PALAI MG 2015 BTECH MECHANICAL SJCET,PALAI MG 2012 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Aryanet Institute of Technology,Palakkad Asst.Professor 01062015 08082016 SNIT,Adoor Asst.Professor 16082016 31062019 RIT,Kottayam Asst.ProfessorAdhoc 02082019 10112021 SJCET,Palai Asst.Professor 10112021 till date Publications SnoName of the PublicationTitle of publicationRemarks 1 Elsevier Publications Science Direct Development of Noise Reduction Panel using Piezoelectric Material. Procedia Technology25 201610221029 2 International Journal of Mechanical Engineering Technology Numerical Analysis of Hybrid Carbon Fiber Composite Specimen and Validation of Results Volume8,Issue 5,May 2017 page 7588,ARTICLE ID0805009 3 SJCET journal of Engineering Management Simulation of structural noise reduction using piezoelectric materials. April

2015 Page 42 47 4 International Research Journal of Engineering and Technology Experimental analysis of hybrid carbon fiber composite specimen eISSN: 2395 00560072 Vol 4: Issue 4, April 2017 5 International Research Journal of Engineering and Technology Mileage Enhancement and Emission Control in Bikes using Turbochargers eISSN: 2395 00560072 Vol 5: Issue 5, May 2018 6 International Research Journal of Engineering and Technology Generator Powered by Wood Gas An alternative approach eISSN: 2395 00560072 Vol 4: Issue 6 May 2018 STTP Conference Seminars/Workshops 1 RAREST 2016 Conference paper :Development of Noise Reduction Panel using Piezoelectric Material. Conference Proceeding, Procedia Technology 25 2016 10221029 2 AIES 2021 CO chaired a Session with Dr. Binoy Baby 8th 9th Dec 2021 STTP , Workshops, FDP, Webinar No Title Organizers Dates 1 Outcome based education in Professional Institutions SJCT Palai AICTE 27122021 to 1112022 5 days 2 Recent Advancements in Mechatronics and Control Engineering RIT, Kottayam 18032021 to 20032021 3 days 3 Research Avenues in Industrial Engineering RIT, Kottayam 25032021 to 27032021 3 days 4 AICTE/ISTE approved Orientation/Refresher Programme: Outcome Based Education in Professional Institutions 2022, 6 days AICTE/ISTE, SJCT Palai 5 FUSION 360 TRAINING PROGRAM 24082022 24082022 AUTODESK SJCT PALA 6 Electrical safety in Mechanical Workshop 26102022 26102022 SJCT 7 Teachers induction Training Program 3012023 7012023 ISTE KERALA SECTION AND SJCT

Ann Michael SJCT Palai Name of Training/Workshop Year Date Duration Organizer 1 Training on Teaching Excellence and Methodologies 2010 June 21-26 6 days ISTE 2 International Seminar on New trends in applications of Mathematics 2011 Jan 31, Feb 1, 2 3 days Dept. of Mathematics, Bharata Mata College, Thrikkakara 3 National Seminar on The Life and Contribution of Srinivasa Ramanujan 2012 March 23-24 2 Days KMA 4 UGC sponsored National Seminar on Graph Theory And Modelling 2013 Sept 25, 27 3 Days Dept. of Mathematics, S. B. College 5 One day ISTE workshop on Creative Teaching 2013 Oct 5th 1 Day Dept. of Computer Science Engg. Amal Jyothi College of Engg. 6 Feel Teacher 2013 Dec 12-14 3 Day SJCT Pala 7 Two day ISTE seminar on Steps to Research 2014 Sept 19-20 2 Day Dept. of Computer Applications Amal Jyothi College of

Engg. 8 NBHM SERB sponsored National Seminar on Topics in Algebra 2014 Oct 15-17 3 Day Dept. of Mathematics S. B. College 9 Two week workshop Introduction to Design Of Algorithms 2015 27th April to May 30th 2 Weeks ISTE 10 Research Colloquium on Basic Sciences in Engineering 2017 March 29th Dept. of Applied Sciences ,College of Engg. Kidangoor 11 Two day workshop on Research Methodology, Writing Practices, Language and soft skills 2017 April 34 2 Days Center for Continuing Education, Amal Jyothi College of Engg. 12 Two day workshop on Latex 2017 Nov 78 2 Days Dept. of Computer Science Engg. Amal Jyothi College of Engg 13 National Seminar on Mathematics for Computer Science, 2017 Nov 9-11 3 Days Dept. of Basic Sciences. Amal Jyothi College of Engg. 14 International Conference on Computing Sciences ICCS 2018 2018 January 89, 3 Days LIMCOS Loyola College Chennai 15 FDP on Graph Theory 2018 June 27th, 1 Day Dept. of Basic Sciences. Rajagiri School of Engg. Tech. 16 Training Course on ISO 9001:2015 Awareness 2018 June 28th, 1 Day SJCET

Devika S SJCET Palai Devika S Software Development Center 2024 07-10 T05:41:21 00:00 Prof. Devika S Designation: Assistant Professor Department of Computer Science and Engineering Mob: 7306879668 Email: devika.ssjcetpalai.ac.in Date of joining: 17/2024 Education Experience Conference Workshop Education Sl.No Degree Specialization Institution University Year of Passing 1 B.Tech Computer Science and Engineering College of Engineering Poonjar CUSAT 2017 2 M.Tech Computer and information science College of Engineering Kidangoor KTU 2020 Experience VISAT Engineering College, Elanji Assistant Professor 07/06/2021 to 29/07/2022 College of Engineering Poonjar Lecturer 20/09/2022 to 31/07/2023 College of Engineering Munnar Assistant Professor 01/02/2024 to 14/05/2024 Conference A Survey On Transaction Fraud Detection at the online International Conference In Innovations In Science And Technology For Sustainable Development ICISTSD 2020 organized by Department of Computer Science and Engineering and department of Mechanical Engineering, College of Engineering Perumon. Workshop Workshop on Image Processing using MATLAB 2 days

Athirasree Das SJCT Palai Athirasree Das Software Development Center
20230816T08:56:0300:00 Prof. Athirasree Das Assistant Professor Department of Computer
Science Engineering Mobile Number: 91 9778359463 Email: athirasreedassjcetpalai.ac.in Education
Experience STTPFDP Conference SeminarsWorkshops attended Publication with Google Scholar
Citations Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer
Science and Engineering College of Engineering Kidangoor CUSAT 2019 M.Tech. Computer and
Information Science College of Engineering Kidangoor KTU 2022 Experience Name of the
CollegeIndustryDesignationDate of JoiningDate of Relieving Tech Mahindra Associate 18052018
26092019 STTPFDP Conference SeminarsWorkshops attended Participated in Webinar on
Fundamentals of Blockchain organized by Computer Society of IEEE SB in College of Engineering
Munnar. Faculty Development Programme on Exploring Image Processing and Computer
visionusing python organized by Department of CSE, College of Engineering Kidangoor. Faculty
Development Programme on Data Analytics A hands on Experience organized by Department of
CSE, College of Engineering Kidangoor. Workshop on IoT with Raspberry Pi organized by
Pantech,Ernakulam. Participated in Seminar and Workshop on Emerging Technologies in open
source Cloud conducted by ipsr solutions ltd Participated and Presented a paper in National
Conference based on A brief study on Cloud Computing in 2016. Participated and Presented a
paper in National Conference based on A survey on image and video super resolution with deep
learning models in 2021. Presented a paper in National Conference based on An image super
resolution deeplearning model LapSRN with transfer learning in 2021. Presented a paper in
International Conference on Next Generation Intelligent SystemsICNGIS 2022 based on A survey
on deepfake video detection techniques using deeplearning. Presented a paper in International
Conference Advanced Computing and Communication Technologies for High Performance
Applications ACCTHPA, based on A Comparative Analysis and Study of a Fast Parallel CNN Based
Deepfake Video Detection Model with Feature Selection FPCDFM, Participated in the Induction
Training Program for teachers jointly organised by ISTE Kerala Section and ISTE Chapter SJCT
Palai at St.Josephs College of Engineering and Technology, Palai. Participated in One Week FDP

on Deep Learning and its Applications Organised by Department of Computer Engineering in association with IEEE Pune section, IEEE Computer Society Pune Chapter and Computer Society of India student Chapter from 30 th June 2023 to 4 th Feb 2023 at MMCOE Pune. Participated in the KTU Sponsored 5 days FDP on Blockchain Technology Its Applications organised by the Department of Computer Science and Engineering, St. Josephs College of Engineering and Technology, Palai from 16th to 20th January 2023. participated in the 5Days International FDP on Unleashing Emerging Research Trends and Advancements in Computer Science 2.0, organised by School of Computer Science and Engineering, VITAP University, Amaravati from 24th July to 28th July 2023. Publication with Google Scholar Citations NoTitle 1 Athirasree Das and L. Sebastian, A Comparative Analysis and Study of a Fast Parallel CNN Based Deepfake Video Detection Model with Feature Selection FPCDFM, 2023 Advanced Computing and Communication Technologies for High Performance Applications ACCTHPA, Ernakulam, India, 2023, pp. 19, doi: 10.1109/ACCTHPA57160.2023.10083340. 2 Athirasree Das, Dr.K.S Angel Viji, Linda Sebastian, 2021, A Survey on Image and Video Super Resolution with Deep Learning Models, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH TECHNOLOGY IJERT NCREIS 2021 Volume 09 Issue 13 3 Athirasree Das, Dr.K.S Angel Viji, Linda Sebastian, 2021, Using LapSRN Image Resolution Deep Learning Model with Transfer Learning, International Journal of Tele communications Emerging Technologies NATCON ISSN: 24550345 Volume 8, Issue 1, 2022 4 Athirasree Das, K. S. A. Viji and L. Sebastian, A Survey on Deepfake Video Detection Techniques Using Deep Learning, 2022 Second International Conference on Next Generation Intelligent Systems ICNGIS, Kottayam, India, 2022, pp. 14, doi: 10.1109/ICNGIS54955.2022.10079802.

Academic Calendar SJCE Palai Academic Calendar Software Development Center
 20180405T17:14:2600:00 Day July 2017 August 2017 September 2017 Mon Tue 1 Commencement
 of S1,S3S5 Classes, Registration Starts Wed 2 Thu 3 Fri 4 1 Onam Vacation Begins Bakrid Sat 1 5
 2 Sun 2 6 3 1 st Onam Mon 3 7 Course Committee Class Committee Meeting 4 Thiruvonam Tue 4 8
 5 3 rd Onam Wed 5 9 6 SreeNarayana Guru Jayanthi Thu 6 10 7 Fri 7 11 8 Sat 8 12 9 Sun 9 13 10

Mon 10 14 11 ReOpening Tue 11 15 Independence Day 12 Sreekrishna Jayanthi Wed 12 16
 Registration Ends 13 Publish Attendance Thu 13 17 14 Fri 14 18 15 Sat 15 19 16 Test 1 to be
 Completed Sun 16 20 17 Mon 17 Commencement of Orientation programme for new entrant. 21 18
 Tue 18 22 19 Wed 19 23 20 Thu 20 24 21 SreeNarayana Guru Fri 21 25 22 Publish Test 1 Marks
 Sat 22 26 23 Sun 23 KarkadakaVaavu 27 24 Mon 24 AICTE Orientation Programme 28 Birthday of
 Ayyankali 25 MTu 25 AICTE Orientation Programme 29 26 Wed 26 KTU Orientation Programme 30
 27 Thu 27 Sankethapravesam2017 31 28 Fri 28 KTU Orientation Programme 29 Mahanavami Sat
 29 30 Vijayadasami , Muharram Sun 30 Mon 31 e

About SJCET Palai About 20171114T05:45:2400:00 You might be an artist who would like to
 introduce yourself and your work here or maybe youre a business with a mission to describe.

Dept. of CSE Video Lectures by Faculty Members SJCET Palai Dept. of CSE Video Lectures by
 Faculty Members Software Development Center 20220520T11:29:0500:00

2.7 Student Satisfaction Survey SJCET Palai 2.7 Student Satisfaction Survey Software
 Development Center 20230703T04:38:5400:00 2.7.1 Online student satisfaction survey regarding to
 teaching learning process.

Anjana T SJCET Palai Anjana T Software Development Center 20230811T12:19:1700:00 Prof.
 Anjana T Assistant Professor Department of Civil Engineering Mobile Number: 91 8075111935
 Email: anjana.tsjcetpalai.ac.in Date of joining: 01st August 2023 Education Experience FDP
 Publication Education CourseSpecilizationCollegeUniversityYear of Passing M.Tech Geomechanics
 and Structures Saintgits College of Engineering and Technology APJAKTU 2020 B.Tech Civil
 Engineering College of Engineering and management punnapra,Alappuzha Kerala University 2017
 Experience Worked as a lecturer in a Gregorian institute of technology , kangazha from 1 st June
 2020 to 23rd sep 2021 Worked as an Assistant professor at Kottayam institute of technology from

20th feb 2023 to 31 st July 2023 FDP Emerging trends in Geotechnical Engineering, AICTE training and learning ATAL academy online elementary FDP organised by Charotar University of Science and Technology , Delhi 6th to 10th September 2021 Publication Journal Numerical analysis of load displacement behavior of skirted raft foundation Influence of Nylon fiber on the Engineering behavior of kuttanad clay

Criterion 2 Teachinglearning and Evaluation SJCET Palai 2.1 Student Enrollment and Profile 2.1.1 Enrolment percentage 2.1.1.1 Number of seats filled year wise during last five years Only first year admissions to be considered 2.1.1.2 Number of sanctioned seats year wise during last five years a Institutional data in the prescribed format b Final admission list as published by the HEI and endorsed by the competent authority c Document related to sanction of intake from affiliating University Governmentstatutory body for first years students only. d Provide Links for any other relevant document to support the claim if any 2.1.2 Percentage of seats filled against reserved categories SC, ST, OBC etc. as per applicable reservation policy for the first year admission during the last five years 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years Exclusive of supernumerary seats 2.1.2.2 Number of seats earmarked for reserved category as per GOI State Govt rule year wise during the last five years a Institutional data in the prescribed format b Final admission list indicating the category as published by the HEI and endorsed by the competent authority. c Copy of communication issued by state govt. or Central Government indicating the reserved Categories SC,ST,OBC,Divyangjan,etc. to be considered as per the state rule Translated copy in English to be provided as applicable 2.2 Student Teacher Ratio 2.2.1 Student Full time Teacher Ratio Data for the latest completed academic year 2.3 Teaching Learning Process 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT enabled tools including online resources for effective teaching and learning process a Upload Additional information b Provide Link for Additional information 2.4 Teacher Profile and Quality 2.4.1 Percentage of fulltime teachers against sanctioned posts during the last five years 2.4.1.1 Number

of sanctioned posts year wise during the last five years a Sanction letters indicating number of posts sanctioned by the competent authority including Management sanctioned posts b Provide Links for any other relevant document to support the claim if any

2.4.2 Percentage of full time teachers with NETSET Ph. D.D.Sc. D.Litt.L.L.D. during the last five years consider only highest degree for count

2.4.2.1 Number of full time teachers with NETSET Ph. D. D.Sc. D.Litt.L.L.D year wise during the last five years a List of faculties having Ph. D. D.Sc. D.Litt.L.L.D along with particulars of degree awarding university, subject and the year of award per academic year. b Institution data in the prescribed format c Copies of Ph.D.D.Sc D.Litt. L.L.D awarded by UGC recognized universities d Copies of Ph.D.D.Sc D.Litt. L.L.D awarded by UGC recognized universities

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal external assessment is transparent and the grievance redressal system is time bound and efficient a Upload Additional information b Provide Link for Additional information

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes POs and Course Outcomes COs for all Programmes offered by the institution are stated and displayed on website a Upload Additional information b Provide Link for Additional information

2.6.2 Attainment of POs and COs are evaluated. a Upload Additional information b Provide Link for Additional information

2.6.3 Pass percentage of Students during last five years excluding backlog students

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2.6.3.2 Number of final year students who appeared for the university examination yearwise during the last five years a Institutional data in the prescribed format b Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year final semester eligible for the degree programwise yearwise. c Annual report of controller of Examinations COE highlighting the pass percentage of final year students d Provide Links for any other relevant document to support the claim if any

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process a Upload database of all students on roll as per data template

20190112T09:51:3600:00 Mr. Augustine V George Instructor Department of Mechanical Engineering Qualification:Diploma Date of joining: 01082014 Association with institution: Regular

Austin T. Sabu SJCT Palai Austin T. Sabu Software Development Center 20220427T05:54:1900:00 Prof. Austin T. Sabu Assistant Professor Department of Civil Engineering Mobile Number: 91 9497113377 Email: austin.sabusjcetpalai.ac.in Date of Joining: 20072017 Nature of association: REGULAR Education Experience FDP Publication Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G.University SJCT Palai 2015 Civil Engineering 2 M.Tech SRM SRM 2017 Geotechnical Engineering Experience Date of joining SJCT : 20072017 Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 St. Josephs College of Engineering and Technology Asst. Professor 20 7 2017 present FDP Geomechanics for Structural Engineers, AICTE training and learning sponsored 5 days online FDP organized by Department of Civil Engineering, Saintgits College of Engineering, Kottayam 01 05 December 2021. Guidance and Counselling, ACITE sponsored online STTP organized by St. Josephs College of Engineering and Technology, Palai 08 13 February 2021. Recent Research Advances in Geotechnical and geological Engineering, online FDP organized by Department of Civil Engineering, Rajagiri School of Engineering and Technology, Kochi 17 22 August 2020 Introduction to Coastal Developments with Coastal Processes its highlights and challenges, organized by NIT Calicut, TEQIP III 09 14 December 2019 Publication Experimental study on the stabilization of soil using eggshell powder and coir fibre as a sustainable alternative presented in the International conference on Sustainable Environment and Civil Engineering ICSECE 19 at Easwari College, Chennai and published in Scopus Indexed Journal of Green Engineering, 2019, Vol 9, Issue 2

Devina Vinod SJCT Palai Devina Vinod Software Development Center 20241029T03:58:1100:00 Prof. Devina Vinod Assistant Professor Department of Computer Science and Engineering Cyber Security Mobile Number: 91 8281730363 Email: devinavinodsjcetpalai.ac.in Date of joining SJCT:01082023 Education Experience Memberships FDP Publication with Google Scholar

Citations MOOCOnline Certifications Education SI noQualificationUniversityInstitutionYear of passingspecialization 1. B Tech Mahatma Gandhi University, Kottayam Mangalam College of Engineering, Ettumanoor 2014 Computer Science and Engineering 2. M Tech Mahatma Gandhi University, Kottayam Gurudeva Institute of Science and Technology, Kottayam 2016 Computer Science and Engineering with Specialization in Cyber Security Experience SI noName of CollegeIndustryDesignationPeriod 1. Gurudeva Institute of Science and Technology, Kottayam Assistant Professor 0201201729122017 2. Model Polytechnic College, Mattakkara Lecturer 0106201812032020 3. Central Forensic Science Laboratory, Bhopal Forensic ProfessionalCyber 0504202117122021 Memberships SI.NoName of InstitutionType of MemmbershipMembership ID 1. IAENG International Association for Engineers Regular 347444 FDP SI. NoName of TrainingWorkshopYear Date DurationOrganizer 1. Outcome based education for NBA accreditation August 19, 2023 Department of Computer Science Engineering, Ernad Knowledge City Technical campus, Manjeri 2. Cloud Infrastructure 2108202325082023 Dept. of CSE, JNTUK University College of Engineering Narasaraopet , Andhra Pradesh in collaboration with Brainovision Solutions Pvt. Ltd. and AICTE 3. Cyber Security October 18, 2023 National Cyber Security Research Council and Cochin University of Science and Technology. 4. AI Tools and Prompt Engineering 27 Nov 2023 to 2 Dec 2023 Anil Neerukonda Institute of Technology Sciences ANITS, Visakhapatnam in Association with Brainovision Solutions Pvt. Ltd. 5. Cyber Security Trends and Challenges 15012024 to 20012024 ALL INDIA COUNCIL FOR TECHNICAL EDUCATION AICTE Training and Learning ATAL Academy 6. Cyber Security and Forensics 22.01.2024 to 26.01.2024 Department of Computer Science Engineering, Mangalam College of Engineering, Ettumanoor 7. Cyber Security and Privacy 12 weeks, July oct 2023 NPTEL 8. Powering Innovations Efficiency on Intelligent Systems 10082024 18082024 Mahaguru Institute of Technology, Kayamkulam in Association with Dept. of CSE and CSI 9. Network Security Tools and implementations 1508202416082024 Vimal Jyothi Engineering College, Kannur Publication with Google Scholar Citations Secure Distributed Deduplication Systems using Hybrid Cloud Approach, Global Journal of Advanced Engineering Technologies, Volume 4, Issue 4 2015. Captcha As Graphical Password for High Security, Global

Journal of Advanced Engineering Technologies, Volume 4 2015. MOOCOnline Certifications Cyber Security and Privacy 12 weeks, July oct 2023 NPTEL

Ahlath Tomy SJCET Palai Ahlath Tomy Software Development Center 20240320T09:19:0300:00

Ahlath Tomy Assistant Director Of Physical Education Department of Science and Humanities

Mobile Number:7034841518 Email:pesjcetpalai.ac.in Education Education

DegreeSpecializationInstitutionUniversityYear of Passing BA Economics Devamatha College,

Kuravilangadu MG University, Kottayam 2016 BPED Physical Education University Campus, Kannur

Kannur University 2018 MPED Physical Education University Campus, Kannur Kannur University

2021

Admission 20192020 SJCET Palai Admission 20192020 Software Development Center

20190301T04:33:0900:00 ADMISSION 20192020

Dheeraj N SJCET Palai Dheeraj N Software Development Center 20241030T07:55:4000:00 Prof.

Dheeraj N Assistant Professor Department of Artificial Intelligence Data Science Mobile Number: 91

7012974057 Email: dheerajsjcetpalai.ac.in Education Experience Publications Education Sl.

No.DegreeSpecializationInstitutionUniversityYear of Passing 1. M.Tech Computer Science and

Engineering School of Computer Science MG University 2015 2. B.Tech Computer Science and

Engineering College of Engineering Kidangoor CUSAT 2007 3. Diploma Computer Science and

Engineering Govt. Polytechnic College , Pala Board of Technical Examinations, Kerala 2003

Experience Name of the collegeIndustryDesignationDate of JoiningDate of Relieving Mangalam

College of Engineering , Kidangoor Assistant Professor 09062022 20072023 Insolutes Pvt Ltd

Software Engineer 19112021 30042022 VISAT engineering college Assistant Professor 09092020

18112021 MG University Senior Software Developer 01012018 01022020 College of Engineering

Kidangoor Assistant Professor 01012016 01052017 RMESI Software Engineer 01032011 14112013

NICIAP Programmer 08062010 28022011 Dyna Software Software Programmer 06022008

30052010 Publications Alvin Abraham, Albin Varkey, Geo Sabu, Dheeraj N, 2023, Depression Recognition Using Machine Learning, International Journal of Engineering Research Technology IJERT Volume 11, Issue 01 June 2023.

Anna N Kurian SJCT Palai Anna N Kurian Software Development Center
20201013T03:41:1600:00 Prof. Anna N Kurian Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9544583033 Email: annasjcetpalai.ac.in Education Publications STTPWORSHOPSCONFERENCES Education

DegreeSpecializationInstitutionUniversityYear of Passing B. Tech. Computer Science and Engineering Mar Baselios Christian College of Engineering and Technology, Peermade Mahatma Gandhi University, Kottayam 2017 M. Tech. Computer Science and Engineering St. Josephs College of Engineering and Technology, Palai APJ Abdul Kalam Technological University 2019 Publications A Secure Data Self Destructing Scheme in Cloud Computing, International Journal of Science Technology and Engineering, Vol.3, Issue 8, pages: 8488, 2017. Your Signature is Assured: Post Quantum Cryptography, International Journal of Advanced Research Trends in Engineering and Technology, Vol.5, Issue 12, April 2018. STTPWORSHOPSCONFERENCES Attended Workshop in Theory of Computation at MBCCET, Peermade Attended Workshop in Design Thinking at SJCT, Palai Attended Recent Trends in Cloud Computing, seminar at MBCCET,Peermade. Attended Java Web Application at Istrox Research Pvt. Ltd. Kottayam Attended Hardware Assembly Workshop, MBCCET, Peermade Attended Networking Communication Workshop organized by BSNL Attended PHP Workshop, MBCCET, Peermade. Attended Workshop in Blockchain and Application as the part of TESSERACT4.0 at SJCT, Palai. Attended Short Term Training Program in Free and Open Source Softwares at MBCCET, Peermade Attended International Conference on Global Colloquium in Recent Advancement and Effectual Researches in Engineering Science and Technology at SJCT, Palai. Presented paper in International Conference on Cyber Security, Image Processing, Communication, Optimization in VLSI Embedded Systems and Networking at GISAT, Kottayam. Presented paper in International Conference on IoT,

Social, Mobile, Analytics and Cloud in Computational Vision and BioEngineering Scopus Indexed at Vivekanandha College of Technology for Women, Tiruchengode, Tamil Nadu. Participated in a panel discussion on National Educational Policy 2020, organised online by ISTE Kerala Section on 22 August 2020. Attended 5 days AICTE Training and Learning ATAL Academy Online FDP on Blockchain at PSNA College of Engineering and Technology.

Dinu George SJCET Palai Dinu George Software Development Center 20230726T08:29:5100:00
 Prof.Dinu George Assistant Professor Department of Mechanical Engineering Mobile Number: 8547201642 Email:dinu098gmail.com Date of joining :15609 Association with the institution: Regular Education Membership FDPSTTP Attended Publications Funded Projects Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech CUSAT College of Engg, Thalassery 2009 Mechanical 2 M.Tech IIT, Madras IIT, Madras 2014 Thermal Membership Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE LIFE MEMBER LM 64482 FDPSTTP Attended Sl. NoName of TrainingWorkshopYear DurationOrganizer 1 Educational Utilization of Indian Standards 11th December 2009 BIS SJCET 2 Workshop on Advances in Welding Technology 28th 29th January 2010 SJCET, Palai 3 Teaching Excellence and Methodologies 21st 26th June 2010 Indian Society For Technical Education 4 Alternative Energy options for I C engines 28th June to 3rd July 2010 NIT Calicut 5 Workshop on Technical Analysis Tools 6th7th August 2010 SJCET, Palai 6 CNC Technologies 1st to 4th November 2010, SJCET , Palai 7 Workshop on Manufacturing Management 7th 11th February 2011 SJCET, Palai 8 Thermodynamics in Mechanical Engineering 14th 24th June 2011 IIT ,Bombay 9 i Comet 2012 20 21st January 2012 SJCET, Palai 10 Computational Fluid Dynamics 12th to 22nd June 2012 IIT, Bombay 11 Finite element analysis 22nd 26th June 2015 RIT ,Kottayam 12 Technical Communication 8th October5th December 2015 IIT, Bombay 13 Theoretical Applied Computational Fluid Flow Heat Transfer 7th 11th December 2015 RIT, Kottayam 14 Pursue, Publish, prosper 30th March 2016 ISTE Staff Chapter, SJCET Palai 15 Guidance and Counselling 4th 8th December 2017 SJCET, Palai 16 Outcome Based Education and NBA Accreditation 4th 5th May 2018 Mar Baselios

Christian college ,Peermade 17 NBA Accreditation 18th 19th June 2018 SJ CET, Palai. 18 Work shop on Safety 29th June SJ CET, Palai 19 ISO 9001:2015 Awareness 28th June 2018 SJ CET ,Palai 20 A Perspective in Machine Learning 7th September 2018 Mechanical Engineering Association ,SJ CET, Palai 21 Renewable Energy Opportunities and Challenges 9th November 2018 SJ CET ,Palai 22 Recent advances in Manufacturing Engineering 2019,5 days APJAKTU SJ CET Pala 23 Online course on Examination reforms 2020,4 Days AICTE 24 ATAL FDP: Solar Energy Technology and Applications 2020,5 days AICTE ATAL FDP,Jyothin Engineering College 25 Trends in Mechatronics and manufacturing 14112022 18112022 NITTR CHENNAI 26 Nano materials Developments, applications and future outlook 09012023 13012023 APJAKTU SJ CET Publications

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Comparison of EM Shielding Effectiveness of Aluminum particulate composites and carbon particulate composites in X S bands	Icmf 2011	GEC ,Trichur	23rd 25th February 2011
2	Review on Performance Evaluation of Solar Photovoltaic Based Hybrid Drying systems	The International Conference on Emerging Trends in Engineering	SSRN	Yukthi 2021

Funded Projects	Sl.No	Project Title	Funding Agency	Year
1		PhotoVoltaic Thermal PVT collector integrated mixed mode drying system with PCM based thermal storage for drying of Cassava	CERD, APJ Abdul Kalam Technological University	2021

Criterion 3 Research, Innovations and Extension SJ CET Palai 3.1 Resource Mobilization for Research 3.1.1 Grants received from Government and nongovernmental agencies for research projects endowments in the institution during the last five years INR in Lakhs a Upload supporting document b Institutional data in the prescribed format 3.2 Innovation Ecosystem 3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System IKS, including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge technology and the outcomes of the same are evident a Upload Additional information b Provide Link for Additional information 3.2.2 Number of workshops seminars conferences including on Research Methodology, Intellectual Property Rights IPR and entrepreneurship conducted during the last five years 3.2.2.1 Total number of workshops seminars conferences including programs

conducted on Research Methodology, Intellectual Property Rights IPR and entrepreneurship year wise during last five years a Upload supporting document b Institutional data in the prescribed format

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

a Link to the uploaded papers, the first pagefull paperwith author and affiliation detailson the institutional website b Link to redirecting to journal sourcecite website in case of digital journals c Links to the papers published in journals listed in UGC CARE list d Institutional data in the prescribed format e Provide Links for any other relevant document to support the claim if any

3.3.2 Number of books and chapters in edited volumesbooks published and papers published in national international conference proceedings per teacher during last five years

3.3.2.1 Total number of books and chapters in edited volumesbooks published and papers in national international conference proceedings year wise during last five years

a List of chapterbook along with the links redirecting to the source website b Institutional data in the prescribed format c Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for bookschapters c Provide Links for any other relevant document to support the claim if any

3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

a Upload Additional information b Provide Link for Additional information

3.4.2 Awards and recognitions received for extension activities from government government recognised bodies

a Upload Additional information b Provide Link for Additional information

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSSNCC with involvement of community during the last five years.

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non Government Organizations through NSS NCC etc., year wise during the last five years

a Photographs and any other supporting document of relevance should have proper captions and dates. b Institutional data in the prescribed format c Detailed report for each extension and outreach program to be made available, with

specific mention of number of students participated and the details of the collaborating agency d Provide Links for any other relevant document to support the claim if any 3.5 Collaboration 3.5.1 Number of functional MoU linkages with institutions industries in India and abroad for internship, on the job training, project work, student faculty exchange and collaborative research during the last five years. a Summary of the functional MoU linkage collaboration indicating start date, end date, nature of collaboration etc. b List of year wise activities and exchange should be provided c List and Copies of documents indicating the functional MoU linkage collaborations activity wise and year wise d Institutional data in the prescribed format e Provide Links for any other relevant document to support the claim if any

Anna N Kurian SJ CET Palai Anna N Kurian Software Development Center
 20240320T09:19:5100:00 Prof. Anna N Kurian Assistant Professor Department of Computer
 Science Engineering Mobile Number: 91 9544583033 Email: annasjcetpalai.ac.in Date of
 Joining: 10.08.2020 Education Memberships Publications STTP Workshops Conferences
 Achievements Education Degree Specialization Institution University Year of Passing B. Tech.
 Computer Science and Engineering Mar Baselios Christian College of Engineering and Technology,
 Peermade Mahatma Gandhi University, Kottayam 2017 M. Tech. Computer Science and
 Engineering St. Josephs College of Engineering and Technology, Palai APJ Abdul Kalam
 Technological University 2019 Memberships Name of the Organization Membership ID ISTE Life
 Member LM 131802 IAENG 280881 IRED Associate Member AM2021038354 IAOP Associate
 Member IAOP96495 IEI Associate Member AM1989092 Internet Society 2235770 Asia Society of
 Researchers R219093367 Publications Tomina Thomas and Anna N Kurian, Robotic Technology in
 the Development of Prosthesis, book chapter in Machine Learning for Critical Internet of Medical
 Things Applications and Use cases, Springer, 2022, page no: 153176, Tomina Thomas and Anna N
 Kurian, Artificial Intelligence of Things for Early Detection of Cardiac Diseases, book chapter in
 Machine Learning for Critical Internet of Medical Things Applications and Use cases, Springer,
 2022, page no. 81102, Anna N Kurian and Ashly Thomas, Your Signature is Assured: Post

Quantum Cryptography, International Journal of Advanced Research Trends in Engineering and Technology, Vol.5, Issue 12, April 2018. Anna N Kurian, Ashna Ashraf and Annie Chacko, A Secure Data Self Destructing Scheme in Cloud Computing, International Journal of Science Technology and Engineering, Vol.3, Issue 8, pages: 8488, 2017. STTPWorkshopsConferences Participated in six days online AICTE sponsored Short Term Course Data Analysis using statistical Learning Techniques, organised by Department of Mathematics in association with Centre for Continuing Education, Indian Institute of Technology, Madras, from 21 March 2022 to 6 March 2022. Participated in six days online AICTEISTE approved OrientationRefresher Programme on Advances in Cyber Security, organised by Department of Computer Science and Engineering, College of Engineering, Kallooppa, from 19 January 2022 to 25 January 2022 Attended Twodays Awareness Workshop on Improving Research Performance Outcomes, organised by Elsevier, Researcher Academy On Campus, on August 31 and September 1, 2021 Participated in One Week Short Term Training Program, sponsored by AICTE on Next Generation Wireless Technologies: 5G and beyond organised by Department of Electronica and Communication Engineering, Indo Global College of Engineering, Abhipur, New Chandigarh, from 16 August to 21 August 2021. Participated in AICTE sponsored six days online STTP what is review of superdrol on Artificial Intelligence and Applications organized by the Department of Computer Science and Engineering, Marian Engineering College, Trivandrum, from 9 August to 14 August 2021. Attended Oracle Academy Faculty Day on August 10, 2021 Successfully completed the workshop on Effective and Efficient Online Teaching supported by the project titled BodhiTree: A Platform for Improving Learning Outcomes using Online Interactive Courses and Assessed Labs, funded by Tata Centre for Technology and Design IIT Bombay on June 12, 2021. Participated in the Webinar on Technical Paper Writing: Tips and Tricks, Organized by Department of M.C.A, The Oxford College of Engineering, Bengaluru, Karnataka, on 29th May 2021. Participated in fivedays AICTE Training and Learning ATAL Academy Online Elementary FDP on Recent Trends and opportunities for Research in Electronics and Computer Science Engineering from 24 to 28 May 2021 at Goa College of Engineering. Participated in Two days online National level Faculty Development Programme on

Essentials of Linux System Administration jointly organized by the Department of Computer Engineering, Information Technology and Electronics and Computer Science of Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai Held during April 16-17, 2021. Participated in the KTU sponsored 5 day Faculty Development Program on Business Analytics and Data Science , from 15 March to 20 March 2021, at Department of Computer Science and IT, MEA Engineering College Perinthalmanna. Participated one week online Faculty Development Program on Information Security and Privacy ISP2021, sponsored by ISEAll and organized by Department of Computer Science and Engineering, Motilal Nehru National Institute of Technology, Allahabad, from 10 March to 14 March 2021. Participated in the national online FDP on Professional ethics in current Pandemic Scenario on 22-27 Feb 2021, organised by Department of Electronics and Communication Engineering, College of Engineering Perumon, Kollam, Sponsored by TEQIP. Participated in AICTE Sponsored 6 days Online STTP on IoT and Data Science from 28 Dec. 2020 to 2 Jan. 2021 organised by Department of Electronics and Communication Engineering, St. Josephs College of Engineering and Technology, Palai. Participated in an online R Workshop on 28 November 2020, under the Faculty category organised by the Teaching Learning Centre ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching PMMNMTT, MoE, Govt. of India. Participated one week online Faculty Development Program on Information Security: Issues and Challenges ISIS2020, sponsored by ISEAll and organized by Department of Computer Science and Engineering, Motilal Nehru National Institute of Technology, Allahabad, from 17 Nov. to 21 Nov. 2020. Participated in Short Term Training Programme on Scientific Computing with Python from 9 Nov. to 20 Nov. 2020, organised by the Department of Electronics and Communication Engineering, sponsored by the Technical Education Quality Improvement Programme TEQIP, Govt. of India. Participated in AICTE sponsored online STTP on Outcome Based Education with Assessment and Education from 9 Nov. to 16 Nov. 2020 at Sahridaya College of Engineering and Technology, Thrissur. Participated in one week AICTE sponsored online Short Term Training Program on Machine Learning and its Applications Phase1, organised by the Department of Electronics and Communication Engineering, Lendi Institute of Engineering and

Technology, Andhra Pradesh, from 2 Nov. to 7 Nov., 2020. Participated in a panel discussion on National Educational Policy 2020, organised online by ISTE Kerala Section on 22 August 2020. Participated 5 days AICTE Training and Learning ATAL Academy Online FDP on Blockchain at PSNA College of Engineering and Technology, Tamil Nadu from 24 Aug. to 28 Aug. 2020. Presented paper in International Conference on IoT, Social, Mobile, Analytics and Cloud in Computational Vision and BioEngineering, ISMACCVB 2019, Scopus Indexed at Vivekanandha College of Technology for Women, Tiruchengode, Tamil Nadu, during March 13-14, 2019. Participated in Seven days Short Term Training Program on Free and Open Source Technologies organised by department of Computer Science and Engineering in association with ICFOSS at Mar Baselios Christian College of Engineering and Technology, Peermade, during 10 Jan. to 16 Jan. 2019. Participated in Blockchain workshop conducted during TESSERACT 4.0 organised by IEEE Student Branch of SJCTET held on Nov. 16-17, 2018 at St. Josephs College of Engineering and Technology, Palai. Participated in six days Faculty Development Program on Theory of Computation organised by department of Computer Science and Engineering in association with ISTE at Mar Baselios Christian College of Engineering and Technology, Peermade during July 18-25, 2018. Participated in three days workshop on Design Thinking organised by the Department of Computer Science and Engineering in association with SJCTET Startup Bootcamp and ACMSJCTET Chapter from July 9-11, 2018. Presented paper in International Conference on Cyber Security Image Processing Signal Processing Communication Optimization in VLSI and Embedded Systems Networking ICCISCON 18 jointly organised by Department of Computer Science and Engineering and Department of Electronics and Communication Engineering on April 6-7, 2018. Participated in three days State Level program on Energy Conservation, Energy Congress 2K17 Kuttikanam held on Jan. 6-8, 2017 at Mar Baselios Christian College of Engineering and Technology, Peermade. Achievements Technical Reviewer for International Conference on Computer and Applied Engineering ICCAE2021. Reviewer for the journal International Migration in Wiley Online Library. Qualified Graduate Aptitude Test in Engineering GATE in Computer Science and Information Technology for 2020. Completed the NPTEL online certification on course Cloud Computing offered

by IIT Kharagpur, funded by MHRD, Govt. of India. Completed the NPTEL online certification on course Blockchain Design and Use Cases offered by IIT Kharagpur and IBM, funded by MHRD, Govt. of India. Completed the LATEX Training offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. Primary Evaluator for Toycathon 2021, interministerial initiative organized by Ministry of Educations Innovation Cell with support from All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting.

Akhija Lakshmi R SJCT Palai Akhija Lakshmi R Software Development Center
20241029T03:28:1100:00 Prof. Akhija Lakshmi R Assistant Professor Department of Computer
Science and Engineering Cyber Security Mobile Number: 91 8547568353 Email:
akhijalakshmirsjcetpalai.ac.in Date of joining SJCT: 15012024 Education Experience Memberships
International Journals International Conferences STTPFDPSeminarsWorkshop Participated
Education Sl.NoDegreeSpecializationInstitutionUniversityYear of Passing 1 B.Tech Computer
Science Engineering Mount Zion College of Engineering, Kadammanitta Mahatma Gandhi
University 2014 2 M.Tech Computer Science Engineering Mount Zion College of Engineering,
Kadammanitta APJ Abdul Kalam Technological University 2017 Experience SlnoName of the
CollegeIndustryDesignationDate of JoiningDate of Relieving 1 Mount Zion College of Engineering,
Kadammanitta Assistant Professor August 2017 August 2019 2 Kottayam Institute of Technology
Science Assistant Professor HoD November 2021 January 2024 3 St. Josephs College of
Engineering and Technology, Palai Assistant Professor ECE 15 January 2024 30 June 2024 4 St.
Josephs College of Engineering and Technology, Palai Assistant Professor CSECY 01 July 2024 Till
Date Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 IAENG Member
226920 2 IEEE Member 92069048 International Journals Sl. No. Title of the PaperName of the
JournalYear, Volume ISSNISBN No. 1 Fog Computing Applications in Cloud International Journal of
Science Technology Engineering Dec 2015, Vol. 2, 05, 2349784X 2 Privacy Preserving Data Mining

using Correlation based Transformation International Journal for Scientific Research Development
Nov 2016, Vol. 4, 08, 2321 0613 3 Nearest Locations Using Simple and Multiple Keywords
International Journal for Trends in Engineering Technology April 2017, Vol. 22, 23499303 4
Generating Honeywords Using Toughnuts International Journal of Innovative Research in
Technology May 2019, Vol. 5, 23496002 5 Super Resolution for Fingerprint Recognition
International Journal of Innovative Research in Technology June 2019, Vol. 6, 23496002
International Conferences Sl. No. Title of the PaperName of the ConferenceVenue 1 Nearest
Locations Using Simple and Multiple Keywords 4th International Conference on Trends in
Technology Engineering Arjun College of Technology, Tamil Nadu STTPFDPSeminarsWorkshop
Participated FDP Attended one day offline FDP on Methodologies for Teaching Modern Learners
organized by Mount Zion Institute of Management, Kozhuvallor on 20th December Attended 8day
National level online FDP on Research Methodology using ChatGPT and AI tools organized by
Marian college Kuttikkanam in collaboration with The Kerala State Higher Education Council KSHEC
from 10th 18th August 2023. Attended 5days National level online FDP on Blockchain and Security
in Computing organized by Department of CSE, Sree Narayana Gurukulam College of Engineering
from 14th 19th August Attended ATAL Sponsored 6days offline FDP on Unleashing the Potential of
SystemonChip and its Architecture organized by St. Josephs College of Engineering Technology,
Palai from 15th 20th January 2024. Attended 5days online FDP on Powering Innovations Efficiency
on Intelligent Systems organized by Department of Computer Science Engineering, Mahaguru
Institute of Technology, Kayamkulam, from 10th 18th July 2024. Attended 2days online FDP on
Network Security Tools and Implementations organized by Department of Computer Science and
Engineering Cyber Security at Vimal Jyothi Engineering College, Kannur from 15th and 16th July
2024. Attended 5days online FDP on Artificial Intelligence and Robotics organized by Department of
Artificial Intelligence and Machine Learning, Mahaguru Institute of Technology, Kayamkulam, from
15th 19th July 2024. Attended 5days online FDP on Algorithmic Thinking with Python organized by
Department of Computer Science and Engineering, Bishop Jerome Institute from 07th 12th
September 2024. STTP Attended a sixday online STTP on Introduction to Data Science and

Machine Learning organized by Department of Internet of Things Cyber Security CSOT in association with Department of Computer Science Engineering, Department of Artificial Intelligence Providence FOSS CELL on 09th 14th September 2024. WORKSHOP Attended the Online Workshop and Panel Discussion on Revised SSR Manual and Benchmarks for Affiliated Colleges organized by IQAC, Mar Ivanios college Autonomous in collaboration with The Kerala State Higher Education Council KSHEC on 28th March 2023. Attended 2 days National level Workshop on Python and GenAI organized by Learnix Thrive on 5th and 6th October 2024.

Divya James SJ CET Palai Divya James Software Development Center 20190110T07:34:0600:00
 Prof. Divya James Assistant Professor Department of Electrical Electronics Engineering Mobile
 Number: 91 9947267245 Email: divya.jamessjcetpalai.ac.in Date of Joining: 12122011 Appointment:
 Permanent Education Experience Memberships FDP Publications Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi
 University St. Josephs College of Engg. Tech., Palai 2009 Electrical Electronics Engineering 2
 M.Tech Karunya University Karunya University, Coimbatore 2011 Power Electronics Drives
 Experience Industrial Experience : Nil Teaching Experience : Yes Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 St. Thomas College of Engineering
 Technology,Kozhuvallur, Chengannoor Assistant Professor 6 months 2 St. Josephs College of
 Engineering and Technology, Palai Assistant Professor 12122011 onwards Memberships Sl.
 NoName of InstitutionType of MembershipMembership ID 1 Indian Society for Technical Education
 ISTE Life time Member LM90156 FDP Sl. NoName of TrainingWorkshopYear Date
 DurationOrganizer 1 Workshop on Introduction to Research methodology 2506201204720122week
 IIT Bombay 2 Induction training program on Teaching Methodology 272012772012 1week ISTE,
 Kerala Section 3 STTP on Recent advances in Industrial Automation, Control and Embedded
 system 10620122262012 1week NIELIT Calicut, National Instruments ,Bangaluru, 4 STTP on Smart
 Power Electronic controllers using programmable logic devices 1911201323112013 1week RIT,
 Pampady 5 A Learning and Development Intervention FEEL TEACHER Dec 1214, 2013 3 days

SJCET, palai 6 STTP on Research area in drives and Power system 87201412720141week RIT, Pampady 7 STTP on Solid State Control of Electric Drives 2172014250720141week AICTE 8 Workshop on control systems 2122014121220142week IIT Kharagpur 9 FDP on Concepts Coaching 11032019130320193 day ICT Academy 10 FDP on Student Induction 13062019150620193 day AICTE SWRO, Trivandrum Publications International Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year	Volume	ISSN	ISBN No.
1	FPGA Based Micro stepping Controller of a Four Phase Permanent Magnet Stepper Motor	International Journal of Micro and NanoElectronics, Circuits and Systems	Divya James, Prawin Angel Micheal, Remya Varghese, Jitha Joseph,	2011	Vol 3		
2	Power Quality improvement using bridgeless resonant pseudoboost PFC rectifier for fluorescent lighting	International journal of Engineering technology management and applied sciences	Teena Saji, Divya James	2015		ISSN23494476	

Impact factor :2.24

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	FPGA Based Micro stepping Controller of a Four Phase Permanent Magnet Stepper Motor	International Conference on Communication and Signal Processing	Coimbatore	2011
		University Coimbatore	March 1,	2011
		National Conference		
Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	BLDC drive with digital current control techniques	13 th National Conference on Technological trends	CET, Trivandrum	August 2012
			CET Trivandrum	August 1, 2012

Criterion 5 Student Support and Progression SJCET Palai 5.1 Student Support 5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and nongovernment bodies, industries, individuals, philanthropists during the last five years 5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and nongovernment bodies, industries, individuals, philanthropists during the last five years a Yearwise list of beneficiary students in each scheme duly signed by the competent authority. bUpload Sanction letter of scholarship and free ships along with English translated version if it is in regional language. cUpload policy document of the HEI for award of scholarship and freeships.

d Institutional data in the prescribed format

5.1.2 Following capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills
2. Language and communication skills
3. Life skills Yoga, physical fitness, health and hygiene
4. ICT computing skills

a Report with photographs on Programmes activities conducted to enhance soft skills, Language and communication skills, and Life skills Yoga, physical fitness, health and hygiene, self employment and entrepreneurial skills

b Report with photographs on ICT computing skills enhancement programs

c Institutional data in the prescribed format

d Provide Links for any other relevant document to support the claim if any

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

- a Upload supporting document
- b Institutional data in the prescribed format

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online offline students grievances
4. Timely redressal of the grievances through appropriate committees

a Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance

b Proof related to Mechanisms for submission of online offline students grievances

c Proof for Implementation of guidelines of statutory regulatory bodies

d Details of statutory regulatory Committees to be notified in institutional website also

e Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

5.2.1.1 Number of outgoing students placed and or progressed to higher education year wise during the last five years

5.2.1.2 Number of outgoing students year wise during the last five years

a Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order the above list should be available on institutional website

b List of students progressing for Higher Education, with details of program and institution that they are have enrolled

along with links to proof of continuation in higher education. the above list should be available on institutional website

c Institutional data in the prescribed format

5.2.2 Percentage of students qualifying in state national international level examinations during the last five years

5.2.2.1 Number of students qualifying in state national international level examinations year wise during last five years

eg: IITJAMNETSLETGATEGMAT GPATCLAT CAT GRETOEFL IELTSCivil ServicesState government examinations etc. a List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination

b Institutional data in the prescribed format

5.3 Student Participation and Activities

5.3.1 Number of awardsmedals for outstanding performance in sports cultural activities at University state national international level award for a team event should be counted as one during the last five years

5.3.1.1 Number of awardsmedals for outstanding performance in sportscultural activities at nationalinternational level award for a team event should be counted as one year wise during the last five years

a Upload supporting document

b List and links to ecopies of award letters and certificates

c Institutional data in the prescribed format

d Provide Links for any other relevant document to support the claim if any

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years organised by the institutionother institutions

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

a Upload supporting document

b Institutional data in the prescribed format

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial andor other support services

a Upload Additional information

b Provide Link for Additional information

Anoop Joy SJCET Palai Anoop Joy Software Development Center 20220714T06:20:1500:00 Prof. Anoop Joy Assistant Professor Department of Mechanical Engineering Mobile Number: 9072871640 Email: anoopjoy0910gmail.com Date of joining: 13122021 Education Experience Memberships Publication STTP Conference SeminarsWorkshops attended Education DegreeSpecializationInstitutionUniversityYear of Passing BTech Mechanical Engineering St

Josephs College of Engineering and Technology Palai MG University 2017 MTech Advanced
 Manufacturing and Production Management St Josephs College of Engineering and Technology
 Palai APJ Abdul Kalam Technological University 2020 Experience Name of the
 College Industry Designation Date of Joining Date of Relieving Nest IT Kalamassery GIS Engineer
 162017 1362017 Jai Bharath College Of Management And Engineering Technoloy Assistant
 professor April 2021 December 2021 Memberships Name of the Institution Membership ID No
 SAEINDIA 7220410288 Publication Sno Name of the Publication Title of publication Remarks 1
 International conference INTEGRATION OF ADVANCED TECHNOLOGIES FOR INDUSTRY
 Experimental Investigation of Microabrasive Jet Machining With Dust Collection Mechanism
 Materials Today: Proceedings STTP Conference Seminars Workshops attended Title
 Organizer Dates 1 Emerging trends in advanced production and industrial engineering Federal
 Institute Of Science And Technology, Angamaly 2172021 2372021 2 Outcome based education in
 professional institutions St Josephs College Of Engineering And Technology ,Palai
 27122021112022

Anooplal B SJCET Palai Anooplal B Software Development Center 20190105T04:25:0500:00 Prof.
 Anooplal B Assistant Professor Department of Mechanical Engineering Mobile Number: 91
 9846950247 Email: anooplalbgmail.com Education Experience Memberships FDPSTTP Attended
 Publications Education Sl.No Qualification University Year of passing Specialization 1 B.Tech
 Kannur University 2007 Mechanical 2 M.Tech Anna University 2012 R AC Experience Teaching
 Experience : 6 Year Memberships Name of Institution Type of Membership Membership ID ISTE
 LIFE MEMEBERSHIP LM 90199 FDPSTTP Attended Sl. No Name of Training Workshop Year Date
 Duration Organizer 1 SERC Winter School Automotive Combustion Sytem 2013, January 28th 30 IIT
 Madras 2 Engineering Thermodynamics 2012, December 11th to 21 IIT Bombay 3 TIST School of
 Education Leadership 2013, June 24th to 28th SJCET 4 Engineering Mechanics 2013, 29th Nov 6th
 Dec IIT BOMBAY 5 Petroleum Conservation and Petroleum Pricing 2013, Sep 5th and 6th St. Thomas
 College Palai 6 Advanced automobile Engineering 2013, may 17th and 18th SJCET 7 Fluid

Mechanics 2014, May 20th to 30th IIT Kharagpur 8 Modern Trends in Energy, Environment and Green Technology 2014, April 21st to 25th CUSAT 9 Finite Element Analysis using ANSYS 22620152662015 RIT Pampady 10 Pursue, Publish, prosper 30th March 2016 ISTE Staff Chapter, SJCT Palai 11 Guidance and Counselling 4th 8th December 2017 SJCT, Palai 12 NBA Accreditation 18th 19th June 2018 SJCT, Palai. 13 Work shop on Safety 29th June SJCT, Palai 14 ISO 9001:2015 Awareness 28th June 2018 SJCT, Palai 15 A Perspective in Machine Learning 7th September 2018 Mechanical Engineering Association, SJCT, Palai 16 Renewable Energy Opportunities and Challenges 9th November 2018 SJCT, Palai

Publications

Sl. No	Type of publication	No. of publications
1	International Journals	4
2	National Conference	1

List of Publications

International Journals	Sl.No	Title of Paper	Name of journal	Publisher	Year	Volume	ISSN/ISBN No.
1	Numerical Analysis of Flow Through MINI Channels	European Journal of Advances in Engineering and Technology	EJAT	2015	Vol2	2394658X	2
2	Analysis of Flow Through Rectangular MINI Channel with Surface Irregularities	International Journal Of Development Research	IJDR	2015	Vol5	22309926	3
3	Temperature Distribution Measurement by Michelson Interferometer	International Journal in Innovative Research in Science Engineering and Technology	IJRSET	2015	Vol4	23198753	4
4	Investigation on Heat Transfer Properties of Nanofluids Using Michelson Interferometry	International Advanced Research Journal in Science, Engineering and Technology	IARJSET	2013	Vol2	23938021	

National Conference

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Thermal Management Of Lilon Battery	Technological Advancement in Engineering	1632018	Payyanur

Criterion 4 Infrastructure and Learning Resources SJCT Palai

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for, teaching learning, viz., classrooms, laboratories, computing equipment etc ICT enabled facilities such as smart class, LMS etc. Facilities for Cultural and sports activities, yoga centre, games indoor and outdoor, Gymnasium, auditorium etc

a Upload Additional information b Provide Link for Additional information

4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five

years 4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years INR in lakhs a Institutional data in the prescribed format b Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority relevant expenditure claimed for infrastructure augmentation should be clearly highlighted c Provide Links for any other relevant document to support the claim if any 4.2 Library as a Learning Resource 4.2.1 Library is automated with digital facilities using Integrated Library Management System ILMS, adequate subscriptions to eresources and journals are made. The library is optimally used by the faculty and students a Upload Additional information b Provide Link for Additional information 4.3 IT Infrastructure 4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet Connection a Upload Additional information b Provide Link for Additional information 4.3.2 Student Computer ratio Data for the latest completed academic year 4.3.2.1 Number of computers available for students usage during the latest completed academic year: a Purchased BillsCopies highlighting the number of computers purchased b Extracts stock register highlighting the computers issued to respective departments for students usage. c Provide Links for any other relevant document to support the claim if any 4.4 Maintenance of Campus Infrastructure 4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years INR in Lakhs 4.4.1.1 Expenditure incurred on maintenance of infrastructure physical facilities and academic support facilities excluding salary component year wise during the last five years INR in lakhs a Institutional data in the prescribed format b Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted c Provide Links for any other relevant document to support the claim if any

Joining:07.08.2017 Nature of association: Regular Education Experience Conferences
 Seminarworkshops FDP Lectures Delivered MOOC Courses Achievements Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 BCA MGU Kottayam MA
 College, Ramapuram 2010 Client Server Computing 2 MCA MGU Kottayam Nirmala College,
 Muvattupuzha 2013 Cyrtography and Client Server Computing 3 PhD APJAKTU Trivandrum
 SJCET Palai Pursuing Data Security Experience Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 Mar Kuriakose Arts and Science College,
 Puthuveli Asst. Professor 2013 November 2017 August 2 SJCET Palai, Asst. Professor 2017
 August till date Conferences Seminarworkshops 1Steps to ResearchAJCET IIT Bomby2014 2 ISO
 9001:2015 AWARENESS Zandig TQM Solutions 28th June 2018 3 Python Programming ICT
 Academy, Technopark 12th to 13th Dec 2019 4 Everyone can do Quality Research Talk Series
 KITBS, Selam 9th Aug 2020, 16th Aug 2020 5 Theoretical Computer Science Challenges and
 Opportunities Saintgits Kottayam 21st Nov 2020 6 Research Methodology Writing Effective
 Research Article Funding Proposals VISAT Engineering College 10th Oct 2022 5 Research Paper
 Writing Mea Engineering College Perinthalmanna, 28122022 29122022 FDP TopicOrganizerDate 1.
 Guidance and Counselling SJCET Palai 04th to 08th Dec 2017 2. BlockChain CUSAT, Cochin 21st
 to 25th Oct 2019 3. Predictive Analysis Saintgits Kottayam 9th to 19th Oct 2019 4. Mathematics for
 Research Sree Buddha College, Alappuzha 10th to 14th Aug 2020 5. Machine Learning
 Applications and Industrial Perspective SJCET Palai 11th to 16th January, 2021 6. Exploring Image
 Processing and Computer Vision using Python College of Engineering Kidangoor 1st to 5th Mar
 2021 7. Artificial Intelligence Applications Marian Engineering College, Trivandrum 29 Aug 3 Sep
 2022 8. Blockchain Technology its Applications SJCET Palai 16th to 20th Jan 2023 9. Addressing
 Open Problems in Medical Domain through AI Muthoot Institute of Technology and Science, Kochi
 30th Jan to 3rd Feb 2023 Lectures Delivered Sl. NoTitle TopicYear DurationOrganizer 1 Application
 Development in JAVA December 2018, 4 Days GPTC Palai 2 Application Development in JAVA
 December 2017, 2 Days GPTC Palai 3 Application Development in JAVA December 2016, 2 Days
 GPTC Palai 4 Compiler Design January 9, 1900 GPTC Palai 5 Trends in IoT Cyber Security 11

June 2021 Christ College Kattappana 6 Student Orientation 2022 March 23 Mar Kuriakose Arts and Science College, Puthuvely 7 Social Media Youth 2022 September 3 Marygiri College Of Arts And Science, Koothattukulam MOOC Courses CourseFromDate Command Line Interface CLI with Golang Coursera April 2022 Getting Started with Azure Devops Board Coursera April 2022 Achievements Qualified Graduate Aptitude Test in Engineering GATE for the year 2014 Qualified UGC NET Assistant Professorship Only in the subject Computer Science Applications June 2019. Qualified UGC NET Assistant Professorship Only in the subject Computer Science Applications June 2021.

Babu T M SJCET Palai Babu T M Software Development Center 20190112T10:03:0900:00 Mr. Babu T M Tradesman Department of Mechanical Engineering Qualification: ITI Date of joining: 04082008 Association with institution: Regular

Babu Sanker S SJCET Palai 1National Conference on IC Engines and Combustion17th19th December 2003College of Engineering, Thiruvananthapuram 2Teaching Excellence and Methodologies22nd27th May 2006Indian Society For Technical Education 3Workshop on Design of Experiments and preparation of Laboratory Manual19th20th September 2006College of Engineering, Thiruvananthapuram 4Training programme on feasibility study for Light railway systems1828 December 2006RITES Ltd. 5Workshop on Finite Element Methods14th June 2007SJCET, Palai 6Promoting technology Business incubation Building EnterprisesMay 17th, 2008Techno park 7Orientation programmeNSS514th August 2008Rajagiri, Cochin 8Workshop on Nano materials characteristics Application2024 October 2008NITTTR, Chandigarh 9Spot light on Risk management of chemical plantsoil refineries2 weeks, 27042009 to 09052009 10Thermodynamics in Mechanical Engineering 2 weeksIIT, Bombay 11Educational Utilization of Indian Standards11th December 2009BIS SJCET 12Workshop on Advances in Welding Technology28th 29th January 2010SJCET, Palai 13Workshop on Technical Analysis Tools6th7th August 2010SJCET, Palai 14FIRST aid and safety Training 14 th August 2010Indian institute of emergency medical services

,kottayam 15Workshop on Manufacturing Management 7th 11th February 2011SJCET, Palai
16COPMET ,114th June, 2011SJCET, Palai 17Advanced teaching techniques5 daysWipro ,by
VJCET Vazhakulam 18Coordinator workshop on thermodynamics in mechanical
engineeringFebruary 21 25,2011IIT Bombay 19Two days ISTE workshop on writing effective
conference papers18th and 19th 2012Conducted by IIT bombay 20Two week ISTE workshop on
introduction to research methodolgies25th june to 04th july, 2012Conducted by IIT bombay 21Two
week ISTE workshop on Heat TransferFrom 29 Nov10th December,2011Conducted by IIT Bombay
22Two week ISTE workshop on Computational Fluid Dynamics From 12th to 22nd June
2012Conducted by IIT Bombay 23Two week ISTE workshop on engineering Thermodynamics11st
21st December 2012Conducted by IIT Bombay 24Mechanical engineers for future By ISTE15th
June ,2013SJCET,Plai 25Faculity Development Preogramme ,Instruction Design and Devilvery
System24 th to 28th june 2013 5 daysTochH Eranakulam 26Orientation programme on Engineering
Graphics31st July 2013TEQUIPRIT pamapady kottayam 27Master Facilitator in Leadership 28
November to December 2013Aims insights ,Mangalore 28Two week ISTE workshop on Fluid
Mechanics20th to 30 may ,2014IIT Kharagpur 29Two week ISTE Workshop on Control System 2th
to 12 th December ,2014IIT Kharagpur 30 THREE DAYS WORKSHOP ON Multi phase Flow theory
and Applications by ISTE16 th to 18 th December 2015Saintgits College of Engg.Kottayam Pursue
,publish, prosper30th march 2016Sjcet pala 31Two day workshop on Energy Management Audit 14
th to 15 th December,2016Energy management centre Govt of kerala 32Four days workshop on
personal Entrepreneurial Charcteristics WPEC16th to 19 th feb ,2016Kerala institute for
Entrepreneurship development ,kerala 33 AICTE sponsored A Two week National Level FDP on
Emphasizing Morals ,Values, Ethics and Character Educatuion For Quality Teachers4th to 17 th
December ,2017PA College of Engineering Pollachi ,Coimbatore 343 day students induction
Programme11th to 13 of June 2018AICTE sponsored programme,by College of Engg.Munnar 353
Day workshop on Accreditation18th 19th June, 2018SJCET,Pala 36ISO AWARENESS
TRAININGIso 90012015 24th july 2018ZANIG TQM coimbatore 374 days workshop on Design
Thinking 9th to 12 th july 2018SJCET,Pala 38Basic skills in counselling50 hours September

2018TMA institute of counselling ,Kottayam. 39Climate science 7th September 2018Sjcet pala
40Workshop on safety 29 June ,2018Sjcet pala 41Workshop on Renewable energy opportunities
and challenges 9th November ,2018Sjcet pala 42Renewable energy and fuel cell 21st
April,2018Sjcet pala 43Heat Transfer in Space Applications29082022 02092022 ISHMCT Regional
chapter Trivandrum SJCET Palai 44FUSION 360 TRAINING PROGRAM 24082022 24082022
AUTODESK SJCET PALA 45Nano materials Developments, applications and future outlook 09
012023 13012023APJAKTU SJCET 46Universal Human value II 29082022 02092022 ISTE Mar
Baselios College of Thiruvananthapuram

B.Tech Admission SJCET Palai B.Tech Admission Software Development Center
20240827T09:21:1400:00 National Board of Accreditation NBA NBA has accredited Electronics
Communication Engineering, Mechanical Engineering, Computer Science Engineering, Civil
Engineering and Electrical Electronics Engineering departments. FIND THE RIGHT PROGRAMME
FOR YOU St. Josephs College of Engineering and Technology, Palai follows Kerala Catholic
Engineering College Managements Associations selection procedure for B.Tech Admission 2024. In
accordance with agreement between Government of Kerala and Kerala Catholic Engineering
College Managements Association, 50 of the seats would be permitted to be set apart to the
Commissioner for Entrance Examinations CEE for allotment. Remaining 50 of the B.Tech seats will
be filled by the College on merit. Bodybuilder John Meadows Shows How the Dumbbell Pullover
Can Be Great for Pec Growth | BarBend deca durabolin before and after kazakhstani bodybuilder
reportedly marries sex doll in small ceremony B.TECH PROGRAMMES Artificial Intelligence and
Data Science 60 Seats Civil Engineering 30 Seats Computer Science Engineering 180 Seats
Computer Science Engineering Cyber Security 60 Seats Computer Science Engineering Artificial
Intelligence 60 Seats Electronics and Communication Engineering 60 Seats Electronics Computer
Engineering 60 Seats Electrical and Electronics Engineering 30 Seats Mechanical Engineering 60
Seats NBA Accredited Courses Subject to approval COLLEGE MERIT HOW TO APPLY Candidates
can apply Online by filling up the application form and pay the fee online. Fee for application form is

Rs. 500. Online Payment Charges Extra. ELIGIBILITY CRITERIA Nationality: Candidates must be citizens of India. Age: Applicants should have completed 17 years of age on 31st December 2024. No relaxation of age will be allowed Academic Requirements: Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with 45 marks in Mathematics, Physics and Chemistry put together are eligible for admission. Entrance Examination: Candidates should qualify in the Kerala Engineering Entrance Examination 2023 KEAM 2023 conducted by the Commissioner of Entrance Exams, Government of Kerala. ONLINE APPLICATION INSTRUCTIONS STEP 1 STEP 2 STEP 3 STEP 4 STEP 5 STEP 6 STEP 1

Register yourself using your active email ID and valid Indian mobile number in our Admission Portal. After registration you will receive an application number and password through email and SMS. Use the received application number and password to login to the admission portal. STEP 2 Fill up the Application form with your basic details, contact details, qualifying exam details, branch preferences and save application form to proceed to Next Step. STEP 3 After successful submission of the contact details, qualifying exam details, branch preferences you should upload necessary certificates in JPEG format only and fillup the KEAM 2024 details and may proceed for payment. In case your KEAM result is awaited at the time of filling this application form, you may update and upload the supporting document afterwards as and when your result is declared. At this stage you have completely filled the application form for document verification. STEP 4 After successful payment, your application should be under process and within 34 working days you will get any one of the status as below: A Verified Status in case you have submitted the transcript of qualifying exam and you are eligible for admission procedure. A Conditional Verified Status in case your result of qualifying exam is awaited or document submission is pending or document submitted lacks clarity, we will allow you to take part in admission procedure only after resubmission or updating of required details in the stipulated time. An Email of Regret and Alternate programme option for you in case you are not eligible to take admission in the programme applied. You can login in to our Admission Portal to see the status of your application. STEP 5 You can further update the application form details and upload necessary certificates at any time even after the payment. After

successful completion of online application, you can check the status of your application by logging into your account. Your application will get verified soon after you upload all the certificates stipulated in the online application form. Application portal will get locked after successful verification where further editing is not possible. Further you will be only able to update KEAM 2024 Entrance Rank field in the Admission Portal. STEP 6 Rank list will be generated further in the stipulated date, where date of publication of Rank will be updated later here.

DOCUMENTS REQUIRED Proof of Date of Birth 10th Birth certificate Passport. Admit card of Kerala Entrance Examination 2024 Mark sheet of Kerala Entrance Examination 2024. Mark list of 12th 2 VHSECBSEICSEOthers

IMPORTANT DATES NB: Candidates are requested to report to the college at the scheduled time with original documents and fees. **NRI QUOTA OVER VIEW** For B.Tech. Admissions 15 of the seats are allotted in the NRI category. An NRI can sponsor the children or dependents and heshe will have to give an undertaking in the prescribed format. Sponsor should also provide a self attested copy of passport, copy of visa and copy of employment certificate. **ELIGIBILITY** Age: Applicants should have completed 17 years of age on 31st December 2024. Academic Requirements: Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with 45 marks in Mathematics, Physics and Chemistry put together are eligible for admission. Entrance Examination: Candidates are exempted from qualifying in the Kerala Engineering Entrance Examination 2024 KEAM 2024 conducted by the Commissioner of Entrance Exams, Government of Kerala. **NRI ADMISSION ENQUIRY** 91 8078 701 701, 91 9446 922 066, 04822 239 714, 04822 239 708, **GOVERNMENT QUOTA OVER VIEW** For B.Tech. Admissions 50 of seats are allotted through the common counseling and allotment process by the Commissioner of Entrance Examination. **ELIGIBILITY** Nationality: Candidates must be citizens of India Age: Applicants should have completed 17 years of age on 31st December 2024. Academic Requirements: Pass in Higher Secondary Examination from the Board of Higher Secondary Education of Kerala or an examination recognized equivalent thereto with 50 aggregate marks in Mathematics, Physics and Chemistry. Entrance Examination: Candidates should qualify in the Kerala Engineering Entrance Exam 2024 KEAM 2024 conducted by the Commissioner of Entrance

Examination, Government of Kerala. The college code for CEE Allotment is : SJC ADMISSION ENQUIRY Dr. Madhukumar S 91 8078 700 700, 91 9495 431 623 04822 239 713 Dr. Jyothis Thomas 91 9447 205 778

FEE STRUCTURE	SL.NO.	PARTICULARS	AMOUNT
1	Admission Fee		500
2	Caution deposit	10,000Refundable	
3	Tuition Fee	50,250Semester	4
4	Value Added Courses and Special Facilities	10,000Year	5
5	University Registration Fee	1,580	6
6	University Student Affiliation Fee	790	7
7	University Examination Fee	1,995Semester	

May vary as per Kerala Govt. Norms. May vary as per APJ Abdul Kalam Technological UniversityKTU Norms. Merit Scholarships 2024: Management Govt. Seats BranchCategoryEligibility for claiming ScholarshipScholarship Amount YearTuition fee to be paid after scholarship Semester

CS I	Up to 2000 KEAM rank	90500	5000	II
Between 2001 to 5000	60500	20000	AD, CY CT I	Up to 5000 KEAM rank 90500 5000
II	Between 5001 to 10000	60500	20000	EC , ES, ME, CE, EE I
Up to 5000 KEAM rank	90500	5000	II	Between 5001 to 10000
60500	20000	III	Between 10001 to 15000	35500 32500

Note 1: Scholarship will be provided for deserving candidates other than specified. Note 2: The college offers different types of scholarships for those seeking admissions and that scholarship which is found to be the best for the candidate under consideration would be offered. Note 3: For the continuation of the scholarship, the candidate should not involve in any disciplinary action from the college or hostel. Note 4: To retain the scholarship in a semester the student should have to pass all the subjects in that semester in the first chance and should have SGPA 9 for category I, SGPA 8 for Category II, SGPA 7 for Category III. Should be regular in class with an attendance of greater than 90 Note 5: Students who are members of the Diocese of Palai and not availing any of the above scholarships are eligible for Diocesan scholarship of Rs 10,000per year for B.TechM.TechMBAMCA COMMUNITY QUOTA The candidates seeking admission under community quota are requested to produce the following documents: Community Proforma from CEE website. Letter from Parish Priest. Community certificate from Msgr. Dr. Joseph Maleparampil, Vicar General, Pala Diocese.Community Certificate Format

Announcements SJCET Palai Detailed Time Table of B.Tech S3 Regular Examinations, December

2020 2019 scheme Notification reg. By Software Development Center| July 4th, 2021|Categories: APJAKTU|0 Comments The detailed time table of B.Tech S3 Regular December 2020 2019 scheme Examinations is published herewith. Notification Detailed Time Table of B.Tech S1 R,S Examinations, December 2020 2019 scheme Notification reg. By Software Development Center| July 4th, 2021|Categories: APJAKTU|0 Comments The detailed time table of B.Tech S1 Regular and Supplementary December 2020 2019 scheme examination is published herewith. Notification Detailed Time Table of B.Tech S1,S2 S,FE Exam May 2021 2015 Scheme Notificationreg: By Software Development Center| July 2nd, 2021|Categories: APJAKTU|0 Comments The Detailed Time Table of B.Tech S1,S2 S,FE Exam May 2021 2015 Scheme is published herewith. It may be noted that this examinations is conducted for supplementary candidates of semester Detailed Time Tables of MCA 2 year S1R 2020 scheme and MCA Integrated S1R 2020 scheme, December 2020 Examinations Notification reg: By Software Development Center| July 1st, 2021|Categories: APJAKTU|0 Comments The detailed Time Tables of MCA 2 year S1R 2020 scheme and MCA Integrated S1R 2020 scheme, December 2020 Examinations are published herewith. Notification AcademicConducting ORAL part of Comprehensive viva for S6 B.Tech studentsOrders issuedReg By Software Development Center| June 30th, 2021|Categories: APJAKTU|0 Comments The Comprehensive Examination is to be conducted for the S6 B. Tech students. Considering the present situation developed due to Covid19 pandemic, Honble Vice Chancellor has accorded sanction to conduct APJAKTU Publishing of the Time Table Slots of Pending Odd Semester December 2020 Regular and Supplementary Examinations and B.Tech S1,S2 2015 scheme Supplementary examination reg: By Software Development Center| June 29th, 2021|Categories: APJAKTU|0 Comments The Time Table Slots of Pending Odd Semester December 2020 Regular and Supplementary Examinations and B.Tech S1,S2 2015 scheme supplementary examination is published herewith.Detailed Time Table will be published shortly.

Akshara Sasidharan SJCET Palai Name of the CollegeIndustryDesignationDate of JoiningDate of relieving Sree Chitra Thirunal college of Engineering Technology,Pappanamcode ,Tvm Assistant

ProfessorAdhoc August 1, 2016 June 10, 2019 Nest Technologies,Technopark,Tvm Software Engineer March 1, 2013 September 18, 2013 International Publication Local Edge Preserving Filter Based Image Fusion and Change Detection in SAR Images Using Fuzzy Clustering Algorithm International Journal of Emerging Science and Engineering IJESE ISSN: 23196378, Volume3 Issue8, June 2015 1Prof Akshara Sasidharan attended TEQIP sponsored online FSD Programme on Python For Machine Learning Organized by Govt. Engineering College Sreekrishnapuram,Palakkad on 14 th to 18 th September 2020. 2 Prof Akshara Sasidharan attended International FDP on Deep Learning algorithm for computer vision application Industry perspective by BITS VIZAG on September 26th 2020 3 Prof Akshara Sasidharan attended FDP on Learning Management System organized by SJCTET on 10 th 15 th August 2020 4 Prof Akshara Sasidharan attended webinar for FDP on use of LMS,Virtual Teaching,OBE Software for Engineering colleges on September 2020 5 Attended 5 day Faculty Development Program on Free and Open source conducted by KTU 6 Attended 5 day campus connect program conducted by Infosys. 7 A Personality Development Training Conducted by Turning Point

Divya Sunny SJCTET Palai Divya Sunny Software Development Center 20210308T10:47:4100:00 Prof. Divya Sunny Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9446327410 Email: divya.sunnysjctetpalai.ac.in Date of Joining:21.08.2008 Education Experience Memberships STTPSeminarsWorkshops Publications Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE K.S.R College of Technology,Thiruchengode Anna University,Chennai 2005 M.Tech. Software Engineering T.K.M.I.T CUSAT 2012 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Model Polytechnic College,Mattakkara Guest Lecturer June 7, 2006 March 30, 2007 Memberships Name of the InstitutionMembership IDNo ISTE LM 64512 STTPSeminarsWorkshops Attended 4 days workshop on Emerging Trends and Innovations in Curriculum from 3rd to 6th Dec 2008. Attended a workshop on Linux Networking and System Administration on 912 Dec 2008. Attended an International conference on Advances in communication Systems,6th and 7th March 2009.

Participated in BLITZKRIEG 09, Third National Level Technical Symposium organized by SJCET on 21st March 2009. Attended a training programme on Professional Excellence on 10th June 2009. Completed a Short Term Training Programme for on Research Trends in Embedded Systems and Signal Processing, from 28 Oct to 3rd Nov 2009. Attended 5 days workshop on Advances in Image Processing at SJCET, Palai from 26 Nov, 2009. Attended 5 days Induction training program on Teaching Excellence and Methodologies by ISTE from 25-30 May 2009. Attended 2 days workshop on Feel Teacher organized by College for Leadership Human Resource Development at St. Josephs College of Engineering Technology, Palai. Presented a paper Autonomous Agent Based Intrusion Detection Response in Virtual Computing on National Conference on Emerging Trends in Computing Technology on 17th Feb 2012. 1 day ISTE e-workshop on Creative Teaching organized by Department of CSE, Amaljyothi College of Engineering on 5th Oct 2013. Attended an International Interdisciplinary conference at Economics, Commerce, Management Technology, Pune and presented a paper entitled An error free encryption scheme for space application on 1st June 2013. A workshop DBMS Ekalavya coordinated by IIT Bombay at SJCETA workshop on Adhoc Networks Research Aspects and NS2 at SJCET, Pala on August 16th 2013. Participated in a Two Week ISTE workshop on Computer Programming From May 20th to 15th June 2014. Participated in Steps 2 Research, eSeminar on 19-29 September 2014. Presented a paper Efficient and Secure Search over Encrypted Cloud Data using Document Ranking and Indexing at the national conference on Recent Advances in computer science and information Engineering held on 15 March 2014, organized by CSE, SJCET, Palai. Participated in a Two Week ISTE workshop on Introduction to Design of Algorithms from 27th April to May 2015. Attended an International Conference ICCEECON 2k15 on 22nd April, 2015 and presented a paper with title A Review on Vampire attack depleting nodes energy in a network. Participated in a workshop Pursue, Publish, Prosper organized by ISTE Staff Chapter, SJCET on 30th March 2016. Presented a paper titled Obstacle Avoidance in Mobile Robotic Sensors and Establishing Connection in the International Conference Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology On 22nd April, 2016. Participated in ISTE STTP on Guidance and

Counselling organized by the ISTE Staff Chapter, SJCET on 4th to 8th Dec 2017. Presented a paper titled A Survey on software defined vehicular Adhoc Network in the International Conference on Innovative Trends in Science and Technology ICITST2018 organized by Surabhi Institute of Science Technology, Velland , Thiruvananthapuram On 27th November, 2018. Presented a paper titled A secure data management scheme for internet of vehicles in International Conference on Computational Intelligence and Digital Technologies ICCTDT2K19 , 11th and 12th April 2019

Publications Published a paper entitled An error free encryption scheme for space applications in International Journal of Advances in Management , Technology Engineering Sciences Vol II, Issue 9IV, June 2013 Divya Sunny Anupa George , Synonym Based Ranked Secure Search Over Encrypted Data , International Journal of Emerging Technology Advanced Engineering ISSN 22502459, ISO 9001:2008 Certified Journal, Volume 4, Issue 7, 2014, pp .258264 . Published a paper entitled Efficient and Secure Search over Encrypted Cloud Data Using Document Ranking and Indexing in Recent Advances in Computer Science Information Engineering , March 2014. Devika U K Divya Sunny, Comparison Study Among Various Anomaly Detection Techniques, International Journal of Research in Computer and Communication Technology ISSN O 22785841 , ISSN P 23205156, pp.119122. Divya Sunny Sherin Ann Sebi, Obstacle Avoidance and Restoration in Energy Efficiency in Mobile Robotic Sensors, International Journal of Computer Science trends and Technology ISSN 23478578, Volume 4, Issue 4, 2016. Published a paper titled Obstacle Avoidance in Mobile Robotic Sensors and Establishing Connection in Elsevier Procedia Technology 25 2016 364 371. Published a paper titled Automatic Image detection and Censoring on web pages in International Research Journal of Engineering and Technology IRJET. Volume 7, Issue 6, May 2020. a paper titled A survey on deep learning algorithms in International Research Journal of Engineering and Technology IRJET. Volume 7, Issue 5, May 2020 S.No: 1145 .

Don Cyril Thomas SJCET Palai 1 Wind Energy 5 Weeks Technical University of Denmark DTU
 2 Introduction to solar cells 5 Weeks Technical University of Denmark DTU
 3 Organic Solar Cells Theory and Practice 6 Weeks Technical University of Denmark DTU
 4 Electric Utilities Fundamentals

and Future5 WeeksUniversity of Colorado System 5Introduction to Battery Management Systems5 WeeksUniversity of Colorado System 6Electric Power Systems4 WeeksUniversity at Buffalo The State University of New York 7Energy: The Enterprise4 WeeksUniversity at Buffalo The State University of New York 8Natural GasJanuary 13, 1900University at Buffalo The State University of New York 9Safety in the Utility Industry4 WeeksUniversity at Buffalo The State University of New York 10Electric Vehicles and Mobility6 Weekscole des Ponts ParisTech 11Photovoltaic solar energy3 Weekscole Polytechnique 12Machine Learning Foundations Mathematical Foundations8 WeeksNational Taiwan University 13The Teachers Social and Emotional Learning5 WeeksUniversity of Colorado Boulder 14Giving Helpful Feedback5 WeeksUniversity of Colorado Boulder 15Finding Purpose and Meaning In Life: Living for What Matters Most4 WeeksUniversity of Michigan 16Successful Negotiation: Essential Strategies and Skills7 WeeksUniversity of Michigan 17Control of Mobile Robots7 WeeksGeorgia Institute of Technology 18Work Smarter, Not Harder: Time Management for Personal Professional Productivity4 WeeksUniversity of California, Irvine 19Fundamentals of Management4 WeeksUniversity of California, Irvine 20Project Management: The Basics for Success4 WeeksUniversity of California, Irvine 21Communication in the 21st Century Workplace4 WeeksUniversity of California, Irvine 22Finance for NonFinancial Professionals4 WeeksUniversity of California, Irvine 23The Art of Negotiation4 WeeksUniversity of California, Irvine 24Essentials of Entrepreneurship: Thinking Action4 WeeksUniversity of California, Irvine 25HighImpact Business Writing4 WeeksUniversity of California, Irvine 26Effective ProblemSolving and DecisionMaking4 WeeksUniversity of California, Irvine 27Introduction to Personal Branding5 WeeksUniversity of California, Irvine 28Fundamentals of Project Planning and Management4 WeeksUniversity of Virginia 29Introduction to Psychology6 WeeksYale University 30Introduction to Philosophy5 WeeksThe University of Edinburgh 31The Addicted Brain8 WeeksEmory University 32How to Write a Resume ProjectCentered Course4 WeeksThe State University of New York 33Management and financial accounting: Know your numbers 16 WeeksMacquarie University 34Business intelligence and data analytics: Generate insights6 WeeksMacquarie University 35Marketing analytics: Know your customers6 WeeksMacquarie University 36AI For Everyone4

Weeksdeeplearning.ai 37Getting Started with Google Sheets5 WeeksGoogle Cloud 38G Suite Security1 WeekGoogle Cloud 39COVID19 Contact Tracing1 WeekJohns Hopkins University 40Introduction to Project Management1 WeekRhyme 41Introduction to Google Docs1 WeekRhyme 42Spreadsheets for Beginners using Google Sheets1 WeekRhyme 43Create a Resume and Cover Letter with Google Docs1 WeekRhyme 44SEL for Students: A Path to Social Emotional WellBeing5 weeks University of Colorado Boulder 45Solar Energy Systems Overview3 WeeksUniversity at Buffalo The State University of New York

Criterion 6 Governance, Leadership and Management SJCT Palai 6.1 Institutional Vision and Leadership 6.1.1 The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan. a Upload Additional information b Provide Link for Additional information 6.2 Strategy Development and Deployment 6.2.1 The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc a Upload Additional information b Institutional perspective Plan and deployment documents on the website c Provide Link for Additional information 6.2.2 Institution implements egovernance in its operations 1.Administration 2.Finance and Accounts 3.Student Admission and Support 4.Examination a Screen shots of user interfaces of each module reflecting the name of the HEI b Institutional expenditure statements for the budget heads of egovernance implementation ERP Document c Annual egovernance report approved by the Governing Council Board of ManagementSyndicate Policy document on egovernance d Provide Links for any other relevant document to support the claim if any 6.3 Faculty Empowerment Strategies 6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and nonteaching staff and avenues for career developmentprogression a Upload Additional information b Provide Link for Additional information 6.3.2 Percentage of teachers provided with financial

support to attend conferences workshops and towards membership fee of professional bodies during the last five years

6.3.2.1 Number of teachers provided with financial support to attend Conferences workshops and towards membership fee of professional bodies year wise during the last five years

a Policy document on providing financial support to teachers

b Institutional data in the prescribed format

c Copy of letters indicating financial assistance to teachers and list of teachers receiving financial support yearwise under each head.

d Audited statement of account highlighting the financial support to teachers to attend conferences workshop s and towards membership fee for professional bodies

e Provide Links for any other relevant document to support the claim if any

6.3.3 Percentage of teaching and nonteaching staff participating in Faculty development Programmes FDP, Management Development Programmes MDPs professional development administrative training programs during the last five years

6.3.3.1 Total number of teaching and nonteaching staff participating in Faculty development Programmes FDP, Management Development Programmes MDPs professional development administrative training programs during the last five years

6.3.3.2 Number of nonteaching staff year wise during the last five years

a Refresher course Faculty Orientation or other programmes as per UGCAICTE stipulated periods, as participated by teachers yearwise.

b Institutional data in the prescribed format

c Copy of the certificates of the program attended by teachers.

d Annual reports highlighting the programmes undertaken by the teachers

e Provide Links for any other relevant document to support the claim if any

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources government nongovernment organizations and it conducts financial audits regularly internal and external

a Upload Additional information

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

a Upload Additional information

b Provide Link for Additional information

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell IQAC

quality improvement initiatives identified and

implemented 2.Academic and Administrative Audit AAA and followup action taken 3.Collaborative quality initiatives with other institutions 4.Participation in NIRF and other recognized rankings 5.Any other quality audit accreditation recognized by state, national or international agencies such as NAAC, NBA etc. a Quality audit reports certificate as applicable and valid for the assessment period. b NIRF report, AAA report and details on follow up actions c List of Collaborative quality initiatives with other institutions along with brochures and geotagged photos with caption and date. d Provide Links for any other relevant document to support the claim if any e Link to Minute of IQAC meetings, hosted on HEI website

Anooplal B SJCET Palai Anooplal B Software Development Center 20230726T10:01:3000:00 Prof. Anooplal B Assistant Professor Department of Mechanical Engineering Mobile Number: 91 9846950247 Email: anooplalbgmail.com Date of joining SJCET:12062012 Association with the institution: Regular Education Memberships FDPSTTP Publications Education SI.No Qualification University Institution Year of passing Specialization 1 B.Tech Kannur University LBSCE Kasaragod 2007 Mechanical 2 M.Tech Anna University CEG Chennai 2012 R AC Memberships Name of Institution Type of Membership Membership ID ISTE LIFE MEMEBERSHIP LM 90199 FDPSTTP SI.NoName of TrainingWorkshopYear Date DurationOrganizer 1 SERC Winter School 2013,January 28 th 30 IIT Madras Automotive Combustion Sytem 2 Engineering Thermodynamics 2012,December 11 th to 21 IIT Bombay 3 TIST School of Education Leadership 2013, June 24 th to 28th SJCET 4 Engineering Mechanics 2013, 29 th Nov6 th Dec IIT BOMBAY 5 Petroleum Conservation and Petroleum Pricing 2013,Sep5th and 6th St.Thomas College Palai 6 Advanced automobile Engineering 2013, may 17 th and 18th SJCET 7 Fluid Mechanics 2014,May 20 th to 30 th IIT Khraragpur 8 Modern Trends in Energy, Environment and Green Technology 2014,April 21 st to 25th CUSAT 9 Finite Element Analysis using ANSYS 22620152662015 RIT Pampady 10 Pursue, Publish, prosper 30 th March ISTE Staff Chapter, SJCET Palai 2016 11 Guidance and Counselling 4 th 8 th December SJCET, Palai 2017 12 NBA Accreditation 18 th 19 th June 2018 SJCET, Palai. 13 Work shop on Safety 29 th June SJCET, Palai 14 ISO 9001:2015 Awareness 28 th June 2018

SJCET ,Palai 15 A Perspective in Machine Learning 7 th September 2018 Mechanical Engineering Association ,SJCET, Palai 16 Renewable Energy Opportunities and Challenges 9 th November 2018 SJCET ,Palai 17 Recent advances in Manufacturing Engineering 2019,5 days APJAKTU SJCET Pala 18 Recent Advances in Fuel Cells 2019,5 Days APJAKTU SJCET Pala 19 ATAL FDP: Green Technology Sustainability Engineering 2021,5 days National Institute of technology Raipur 20 ATAL FDP: Novel Materials 2021,5 days AICTE ATAL FDP, Defence Institute of Advanced Technology 21 Nano materials Developments, applications and future outlook 09012023 13012023 APJAKTU SJCET 22 Faculty Entrepreneurship in the scenario of Make in India Schedule 23012023 25012023 APJAKTU St.Thomas Engg college Chenganoor Publications Publications: Sl. No Type of publication No. of publications 1 International Journals 4 2 National Conference 1 List of Publications International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 Numerical Analysis of Flow Through MINI Channels European Journal of Advances in Engineering and Technology EJAT 2015,Vol2 2394658X 2 Analysis of Flow Through Rectangular MINI Channel with Surface Irregularities International Journal Of Development Research IJDR 2015, Vol5 22309926 3 Temperature Distribution Measurement by Michelson Interferometer International Journal in Innovative Research in Science Engineering and Technology IJRSET 2015,Vol4 23198753 4 Investigation on Heat Transfer Properties of Nanofluids Using Michelson Interferometry International Advanced Research Journal in Science, Engineering and Technology IARJSET 2013,Vol2 23938021 National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Thermal Management Of Lilon Battery Technological Advancement in Engineering 1632018 Payyanur

Divya James SJCET Palai Divya James Software Development Center 20230822T10:33:3000:00 Prof. Divya James Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9947267245 Email: divya.jamessjcetpalai.ac.in Date of Joining: 12122011 Education Experience Memberships Publications FDP Workshops Training Education S.No Degree Discipline Stream University Institution Year of Passing 1 M.Tech. Engg Sciences Power Electronics Drives

Karunya University, Coimbatore 2011 2 B.Tech Electrical Electronics MG University 2009

Experience Sl. No Name of the college Industry Designation Experience Years Months 1 St. Thomas College of Engineering Technology, Kozhuvallur, Chengannoor Assistant Professor 6 months 2 St. Josephs College of Engineering and Technology, Palai Assistant Professor 12 12 2011 onwards

Memberships Sl. No Name of Institution Type of Membership Membership ID 1 Indian Society for Technical Education ISTE Life time Member LM90156 Publications International Journals Sl. No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 FPGA Based Micro stepping Controller of a Four Phase Permanent Magnet Stepper Motor International Journal of Micro and Nano Electronics, Circuits and Systems Divya James, Prawin Angel Micheal, Remya Varghese, Jitha Joseph, 2011, Vol 3, Page No. 3942 2 Power Quality improvement using bridgeless resonant pseudoboost PFC rectifier for fluorescent lighting International journal of Engineering technology management and applied sciences Teena Saji, Divya James 2015, ISSN 23494476 Impact factor :2.24 International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1 FPGA Based Micro stepping Controller of a Four Phase Permanent Magnet Stepper Motor International Conference on Communication and Signal Processing Coimbatore, 2011. Karunya University Coimbatore March 1, 2011 National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 BLDC drive with digital current control techniques 13 th National Conference on Technological trends August 2012, CET, Trivandrum CET Trivandrum August 1, 2012 FDP Name of FDP Year Date Duration Organizer FDP on Concepts Coaching 11032019 13032019 3 day ICT Academy FDP on Student Induction 13062019 15062019 3 day AICTE SWRO, Trivandrum FDP on Power Converters An embedded Systems Based Approach 22072021 28072021 Federal Institute of Science Technology FDP on Emerging Trends in Power, Energy and Control 22082022 27082022 Muthoot Institute of Technology Science FDP on Recent Trends in Grid Integration 30012023 03022023 Mangalam College of Engineering FDP on Research perspectives in Energy, Environment Conservation 29052023 02062023 SCMS College of Engineering Technology Fundamentals of Electric Drives MOOC 2019 20 Advances in UHV Transmission Distribution MOOC 2018 19 Research perspectives in Energy, Environment

Conservation 202223 In this college Recent Trends in Grid Integration 202223 In this college Principle of Electrical Sciences 202223 Emerging Trends in Power, Energy and Control 202122 In this college Emerging Trends in Power, Energy and Control 202122 In this college Power ConvertersAn embedded Systems Based Approach 202122 In this college Guidance Counselling 202021 In this college Outcome based education for technical institutions 202021 In this college Fundamentals of Electric Drives 201920 Advances in UHV Transmission Distribution 201819 WorkshopsTraining Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Workshop on Introduction to Research methodology 2506201204720122week IIT Bombay 2 Induction training program on Teaching Methodology 2720127720121week ISTE, Kerala Section 3 STTP on Recent advances in Industrial Automation, Control and Embedded system 1062012221week62012 NIELIT Calicut, National Instruments ,Bangaluru, 4 STTP on Smart Power Electronic controllers using programmable logic devices 1911201323112013 1week RIT, Pampady 5 A Learning and Development Intervention FEEL TEACHER Dec 1214, 2013 3 days SJCET, Palai 6 STTP on Research area in drives and Power system 87201412720141week RIT, Pampady 7 STTP on Solid State Control of Electric Drives 2172014250720141week AICTE 8 Workshop on control systems 2122014121220142week IIT Kharagpur 9 STTP on Guidance Counselling 0712202012122020 SJCET, Palai 10 Outcome based education for technical institutions 1611202021112020 Rajagiri School of Engineering Technology

Anoopraj M.R. SJCET Palai Anoopraj M.R. Software Development Center 20240620T09:10:3300:00 Prof. Anoopraj M.R. Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9947591235 Email: anoopurajgmail.com Date of Joining: 11082014 Appointment: Permanent Education Experience Memberships Publications Awards and Recognitions MOOC Courses Training Programmes Attended Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi University , Kottayam Govt. RIT Kottayam 2008 B.Tech in Electrical and Electronics Engineering 2 M.Tech Manipal University, Karnataka Manipal Institute of Technology 2014 M.Tech in Power Electronics Experience Sl. NoName of the

College Industry Designation Experience 1 KSEB Asst. Engineer on contract 1 Year 2008-2009 2 St. Josephs College of Engineering and Technology, Palai Lecturer Assistant Professor 1709-2009 to 1505-2012 3 St. Josephs College of Engineering and Technology, Palai Assistant Professor 1108-2014 onwards.

Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE Lifetime LM 104074 2 IEEE Professional Member 98170637

Publications Journals Tomson Thomas, Prince A., Anoopraj M. R., Sunil Kumar P. R, Realtime hardware emulation of wind turbine model with asynchronous generator under hardware-in-the-loop platform, International Journal of Emerging Electric Power Systems, De Gruyter, vol. 22, no. 5, 2021, pp. 533-546. Asha Lekshmi R., Anoopraj M. R. An Efficient HPF LED Driver with Zero Voltage Switching, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, Issue 8, August 2015, ISSN No: 2278-8875. Dawn S. Kurian, Tomson Thomas, Anoopraj M. R., A three phase based four switch inverter for renewable energy sources in microgrid, International Advanced Research Journal in Science, Engineering and Technology, Volume 2, Issue 7, July 2015. DOI 10.17148/IARJSET.2015.2723

Book Chapters Tomson Thomas, Anoopraj M. R., Prince A., Ginu Ann George 2021, An introduction to wind energy conversion system with low voltage ride-through capability, Advanced Aspects of Engineering Research, Book Publisher International. ISBN: 9789390149841 Print, 9789390149858 eBook

Conference Publications Anoopraj M. R., Silpa Sasi, Tomson Thomas, Prince A., Machine Learning Based LVRT Enhancement of Wind Energy Conversion System using SFCL, 2022 International Conference on Innovations in Science and Technology for Sustainable Development ICISTSD, Kollam, India, 2022, pp. 157-162, doi: 10.1109/ICISTSD55159.2022.10010345. S. Kurian, T. Thomas and M. R. Anoopraj, Three phase inverter with reduced number of switches for renewable energy sources in microgrid, 2015 International Conference on Power, Instrumentation, Control and Computing PICC, Thrissur, India, 2015, pp. 16, doi: 10.1109/PICC.2015.7455791.

Awards and Recognitions GATE Qualifier in 2010, 2011, 2012, 2013 2015 KTU CERD Research Fellowship for PhD Evaluator in the District level evaluation of the Young Innovators program 5.0 Category 1 conducted by Kerala Development and Innovation Strategic Council, Govt. of Kerala in 2023

24 MOOC Courses Four week NPTEL AICTE

Faculty Development Programme on Electric Vehicles Part 1 organized by IIT Madras funded by the Ministry of HRD, Govt. of India from February to March 2019. Eight week NPTEL/AICTE Faculty Development Programme on DC Microgrid organized by IIT Roorkey funded by the Ministry of HRD, Govt. of India from July to September 2019. Four weeks Coursera Course conducted by University of Buffalo and Stony Brook University on Energy Production, Distribution Safety from March to April 2020. Eight week NPTEL Faculty Development Programme on Basics of Finite Element Analysis I organized by IIT Kanpur from July to September 2023. Training Programmes Attended Oneweek Faculty Development Programme on Application of AI ML on Renewable Energy and EV Technologies AAMREET2024 organized by Dept. of EE, NIT Rourkela. Fiveday online Faculty Development Programme on the theme Inculcating Universal Human Values in Technical Education organized by All India Council for Technical Education AICTE from 21st August to 25th August 2023. Oneweek Faculty Development Programme on Applications of Machine Learning Techniques in Sustainable Technologies AMLST2024 organized by the Department of Computer Science and Engineering, and Department of Electrical Engineering, National Institute of Technology Rourkela from 24th January 2024 to 28th January 2024. Oneweek Faculty Development Programme on Unleashing the Sustainable Developments and Future Trends in Electrical Engineering organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering from 29th January to 2nd February 2024. Oneweek Faculty Development Programme on Control of Robotic Systems: Research Trends and Challenges organized by Department of Electrical and Electronics Engineering, College of Engineering Perumon from 05022024 to 10022024. Oneweek Faculty Development Programme on Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles organized by the Department of Electrical and Electronics Engineering, SCMS School of Engineering Technology, Ernakulum from 26022024 to 01032024. Three day faculty orientation program for student induction organized by University Grant Commission Ministry of HRD South Western Regional office, Bengaluru at IISc Bengaluru from 30052019 to 01062019. One week faculty development program on Real Time Typhoon HIL Simulation Applications for Power Systems, Power Electronics based RES, Electric Vehicles

Microgrids organized by Dept. of EEE, Anurag University, Hyderabad from 10th to 14th August 2020. One week faculty development program on HardwareintheLoop Simulation: Learning and Teaching Tool from Typhoon HIL organized by School of Electrical Engineering, Vellore Institute of Technology, Chennai in association with Quarbz Info Systems, Kanpur from 31st August to 4th September 2020. One week training program on Recent research trends in industrial drives and Power systems organized by Dept. of EE, Rajiv Gandhi Institute of Technology, Kottayam from 23rd to 27th March 2021. One week AICTE sponsored faculty development program on Renewable Energy and Power Electronics for Industrial Drives Application organized by Dept. of EE, Rajiv Gandhi Institute of Technology, Kottayam from 15th to 21st April 2021. One week AICTE sponsored faculty development program on Current Research Topics in Electronics, Power Systems and Electric Drives organized by Dept. of EE, Rajiv Gandhi Institute of Technology, Kottayam from 12th to 19th May 2021. One day Webinar on DFIG Based Wind Emulator using WAVECT organized by Entuple Technologies, Bengaluru on 2nd June 2021. One week TEQIP II sponsored FDP on Potential Areas in Renewable Technologies and Grid Integration organized by Department of Electrical Engineering, Government Engineering College, Thrissur, from 08th to 12th November, 2021. One week AICTE Training And Learning ATAL Academy FDP on Power Electronics for Power systems organized by Dept. of EE, Rajiv Gandhi Institute of Technology, Kottayam from 06/12/2021 to 10/12/2021. One Week Induction Training program on Teaching Excellence and Methodologies organized by ISTE Kerala section at GEC Thrissur from 21st to 26th June, 2010 One Week STTP on Nano Technology organized by DTE Kerala section at ECE Dept., RIT Kottayam from 08th to 13th November, 2010. Two weeks ISTE Workshop on Basic Electronics conducted by Indian Institute of Technology, Bombay under NMEICTMHRD at SJCET Palai from 28th June to 8th July, 2011. Two weeks ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes conducted by Indian Institute of Technology, Bombay under NMEICTMHRD at SJCET Palai from 5th November to 4th December, 2011. One Week Faculty development program on Graphical system design using LabVIEW organized by EEE Department of MIT, Manipal from 15th to 19th July, 2013. Two weeks ISTE Workshop on Control Systems

conducted by Indian Institute of Technology, Kharagpur under NMEICTMHRD at SJ CET Palai from 2nd to 12th December, 2014. Two weeks ISTE Workshop on Introduction to Design of Algorithms conducted by Indian Institute of Technology, Kharagpur under NMEICTMHRD at SJ CET Palai from 27th April to 30th May, 2015. Two weeks ISTE Workshop on Technical Communication for Scientists and Engineers conducted by Indian Institute of Technology, Bombay under NMEICTMHRD at SJ CET Palai from October 8th, 2015 to December 5th, 2015. One week training program on Solar PV Electrical System sponsored by ANERT Kerala conducted by APEX HITECH Institute, Govt. of India, Bangalore from 22nd to 26th May, 2017. Two weeks ISTE STTP on Electric Power System conducted by IIT Kharagpur under National Mission on Education through ICT MHRD, Govt. of India at SJ CET Palai from 10th to 15th July, 2017. One Week STTP on Guidance and Counselling organized by ISTE staff chapter of SJ CET Palai from 04th to 08th December, 2017.

Albin George SJ CET Palai Albin George Software Development Center 20181218T05:49:1200:00
 Prof.: Albin George Assistant Professor Department of Science and Humanities Mobile Number: 9497892627 Email: albing5@gmail.com Education Experience Education Show entries
 Search: Sl.No Qualification University Institution Year of passing Specialization 1 B.Sc M G University, Kottayam St. Thomas College, Pala 2009 Physics 2 M.Sc January 6, 1900 St. Thomas College, Pala 2011 Physics 3 BEd M G University, Kottayam UCTE Erattupetta. 2012 Physical Science Showing 1 to 3 of 3 entries
 Experience Teaching Experience : 4 Show entries Search: Sl. No Name of the college Industry January 1, 1900 Experience Years Months 1 Sanjos Public School, Choondacheery Lecturer 2013 2015 2 Mangalam College Of Engineering, Ettumanoor Asst Professor 2015 2017 3 St Joseph College of Engineering, Choondacheery Asst Professor 2017 2018 Showing 1 to 3 of 3 entries

Baiju Jacob SJ CET Palai Baiju Jacob Software Development Center 20220521T04:04:3100:00
 Baiju Jacob Assistant Director Department of Science and Humanities Mobile Number: 919447301609 Email: baijujacob77@gmail.com Date of Joining: 13/10/2004 Nature of association:

Regular

Dalmiya Rajan SJ CET Palai Dalmiya Rajan Software Development Center
20220503T07:59:1600:00 Prof. Dalmiya Rajan Assistant Professor Department of Civil Engineering
Email:dalmiyarajansjcetpalai.ac.in Date of Joining: 10082020 Nature of association: Contract
Education Memberships FDP Publications Education B.Tech St. Thomas College of Engineering
and Technology, Chengannur 2018 M.Tech Saintgits College of Engineering, Kottayam 2020
Memberships ISTE FDP Outcome Based education and quality assurance in teaching, AICTE
sponsored online STTP organised by SCMS school of Technology and Management, Kerala 17th to
22nd August 2020 Forensics in Civil Engineering, APJAKTU sponsored online FDP organised by
Department of Civil Engineering, AISAT, 15th 19th March 2021 Recent advances in wind load
analysis of structures, online FDP organised by Department of Civil Engineering, Mar Baselios
College of Engineering and Technology, Thiruvananthapuram from 7th to 11th June, 2021. OBE
with evaluation and assessment, AICTE sponsored online STTP organised by Sahradhya College of
science Technology, Thrissur, 09th to 16th November, 2021 Guidance and Counselling, AICTE
sponsored online STTP organised by St. Josephs College of Engineering Technology, Palai 0813th
February 2021 Guidance and Counselling, AICTE sponsored online STTP organised by St. Josephs
College of Engineering Technology, Palai 0813th February 2021 Publications Journal Seismic
Analysis of RC structures with different composite columns in buildings with mass irregularities

Anto Manuel SJ CET Palai Anto Manuel Software Development Center 20230802T07:36:5200:00
Prof. Anto Manuel Assistant Professor Department of Electronics and Communication Engineering
Mobile Number: 91 8590024145 Email: anto.manusjcetpalai.ac.in Date Of Joing SJ CET: 11042016
Association with the institution: Regular Education Experience Memberships FDP STTP FDP
Coordinated Conference Seminars Workshops Coordinated Research Development Conferences
Seminar workshops organized Publication STTP FDP Conference Seminars Workshops participated
Publication with Google Scholar Citations MOOC Online Certifications Awards and Recognition

Education Degree Specialization Institution University Year of Passing B.Tech. ECE MAHA BARATHI ENGINEERING COLLEGE, CHINNASALEM, VILLUPURAM Dist., TAMILNADU, INDIA. ANNA UNIVERSITY, CHENNAI 2012 M.Tech. VLSI and Embedded Systems ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALA, KOTTAYAM Dist., KERALA, INDIA. MAHATMA GANDHI UNIVERSITY 2015 Ph.D. Bio Sensors IIT, Goa IIT, Goa Pursuing Experience Date of joining SJCET : 11/04/2016 Status as on date of joining : ASSISTANT PROFESSOR DEPT. OF ECE Present status : ASSISTANT PROFESSOR DEPT. OF ECE Previous Experience Industrial Experience : 2 YEARS Teaching Experience : NIL Sl. No Name of the college Industry Designation Experience Years Months 1 IPA INDIA PVT.LTD, BENGALURU PRODUCTION , R D ENGINEER AUG 2012 JULY 2013 2 DESIGN MINE ASSISTANT ENGINEER UNDER R D DEPARTMENT FEB 2015 MARCH 2016 Memberships Sl. No Name of Institution Type of Membership Membership ID 1 SJCET, PALAI PROGRAM OFFICER P O NSS201PO FDP Sl. No Name of Training Workshop Year Date Duration Organizer 1 FDP ON ROBOTICS 1520 JUNE 2018 ASTER INDIA PVT.LTD 2 MASTER TRAINERS WORKSHOP 1719 NOV 2017 NSS TECH CELL, KERALA 3 P O WORKSHOP 2627 AUG 2017 NSS TECH CELL, KERALA 4 P O WORKSHOP 24 25 MARCH 2018 NSS TECH CELL, KERALA STTP FDP Coordinated IOT AND DATA SCIENCE AICTE Sponsored STTP, at SJCET, Palai, January 2021. WEARABLE DEVICES AICTE Training and Learning ATAL Academy Sponsored FDP, January Conference Seminars Workshops Coordinated More than twenty technical events were coordinated as the part of Electronics students association few of them are listed Students Tech talks, Alumni Tech talks, Software training, Industrial interactions, and workshops. in the Academic year 2022-23. Alumni Tech Talk Webinar: Introduction to Rtos, Miniproject Orientation Programme, Vegaprocessors And Ecosystem, Adobe Photoshop Training, How To Build A Resume, Home Automation System, Entrepreneurship: Opportunities And Challenges, Introduction To Arduino, Photoshop Training, Generations Of Cellular Technology, Cybersecurity Student Tech Talk, Tedtalk: Challenges In Vlsi Digital System Design Using Vivado Design Suite, Mentor Graphics, Introduction To Arduino, Introduction To Arduino With Atal Lab, Placement Orientation, Applications Of Electromagnetics In The Field, Digital Core Technologies,

Effective Utilisation Of Electronics Resources In Engineering Project And Seminar, Elecxy23Project Expo. Research Development SKY SENTINEL Harnessing AI for cloudburst forecasting and warning, 2023 HYDROGUARD IoT enabled Water level monitoring and alerting system, 2023 IoT ENABLED RAIN WATER LEVEL MONITORING SYSTEM 2022 SMART MASK AI integrated IoT enabled smart mask for SOS alerting and disease prediction based on air pollutants 2022 DAM MONITORING AND FLOOD ALERT SYSTEM 2022 SOLAR BASED MULTI USABLE POWER HUB 2022 INTERA VENOUS MONITORING, CEASING AND ALERTING SYSYTEM, 2022 PREDISTER An intelligent system to predict cloud burst 2022 MEDIGLOVE Wearable health monitoring system 2021 SMART DISPENSER Automatic sanitizer dispenser 2020 COCONUT SCRAPING MACHINE 2020 SMART BIN An IoT enabled system for domestic and public waist management system 2018 EMBEDDED BASED IoT ENABLED SMART CAR 2016 Conferences Seminarworkshops organized

Sl. No Title Topic Date Duration Sponsors 1 NSS PUNARJJENY PROJECT 20172018 TECH CELL KERALA SJCET PALAI Publication Consultancy from Industry: Sl. No Project Title Funding Agency Amount Duration 1 REAL TIME AUTOMATIC DEVICE DESIGN SELF 20162018 Publications: Sl. No Type of publication No. of publications 1 International Journals 2 National Journals 3 International conference 4 National Conference 4 BooksBook chaptersMonograph STTPFDP Conference SeminarsWorkshops participated BLOCKCHAIN TECHNOLOGY AND ITS APPLICATIONS APJ Abdulkalam Technological University Sponsored 5 day FDP, Organized by department of CSE, SJCET, Palai, 16th 20th January 2023. WEARABLE DEVICES AICTE Training and Learning ATAL Academy Sponsored FDP, January 2022. FUTURISTIC THIN FILMS SEMICONDUCTOR DEVICES FABRICATION PROCESS Centre of Excellence in Advanced Materials, Cochin University of Science and Technology and Labindia Instruments Pvt. Ltd, September 9th 10th, 2021. APPLICATION OF CV Webinar on application of CV, June 25, 2021. SENSOR APPLICATION FOR SOCIETY IIT Bombay Sensor Workshop Virtual: Sensing the World, March 2021. IOT AND DATA SCIENCE AICTE Sponsored STTP, January 2021. DATA ANALYTICS FOR SMART GRID TECHNOLOGY AICTE Sponsored STTP, November 2020. FROM IDEA TO IMPLEMENTATION: EXPLORING THE POTENTIALS OF FPGA IN SMART ENVIRONMENT

AICTE Sponsored STTP, June 2019. FACULTY DEVELOPMENT PROGRAMME ON CONCEPT COACHING ICT Academy of Kerala, March 2019. FACULTY DEVELOPMENT PROGRAMME ON ROBOTICS Aester India Pvt Ltd Cochin, June 2018. FACULTY DEVELOPMENT PROGRAMME ON IOT Aester India Pvt Ltd Cochin, June 2018. STATE NSS ANNUAL MEET 2018 Organised by Kerala state NSS Techcell, March 2018. SAGY SANSAD ADARSH GRAM YOGANA MASTERS TRAINING WORKSHOP Organised by AICTE and Kerala state NSS Techcell, November 2017. NSS STATE LEVEL PROGRAMME OFFICER WORKSHOP Organised by Kerala state NSS Techcell, August 2017. XILINX FPGA BASED SYSTEM DESIGN Department of Electronics Communication Engineering. College of Engineering Kidangoor, November 2013. CMOS MIXED SIGNAL DESIGN Jointly organized by IEEE Solid State Circuits Society Chapter and Saintgits College of Engineering, Kottayam, April 2014. PROTEUS AND EMBEDDED PROGRAMMING Organized by Department of ECE, SJCET, Palai, 2013. Publication with Google Scholar Citations Anto Manuel, Bidhan Pramanic, Chapter 4 IoT-enabled biosensors for cancer and disease detection, in the Internet of Things in Biomedical Sciences Challenges and Applications Book, IOP Publishing, Bristol, UK 2023, DOI: Anto Manuel, Madhukumar S, Bidhan Pramanick, Design and Analysis of Glassy Carbon Material towards the Development of Biosensors for early detection of Lung Cancer, 2023 Second International Conference on Electrical, Electronics, Information and Communication Technologies ICEEICT | 97983503976352331.00 2023 IEEE | DOI: 10.1109/ICEEICT56924.2023.10157149. Anto Manuel, Sheethal Maria Thomas, Rose Chirackal Joseph, Gancis Franco Sathyraj, Sachin Anu Philip, AI integrated IoT enabled smart mask for disease prediction and SOS alerting based on air pollutants, in the 2023 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication IConSCEPT, organized by the National Institute of Technology Puducherry, Karaikal, during 25-26 May, 2023. Anto Manuel, Dana Fathima, Maria Shaju, Elias K Philip, Suryadeep P, Dr. Arun P, Electronic based intravenous monitoring ceasing and alerting system, SJCET Journal of Engineering and Management, Volume 16 No. 1 January-June 2023, Page: 4253, ISSN 23948647. Anto Manuel, Bidhan Pramanick, Madhukumar S, Sensor for biomarker detection of lung cancer a review, SJCET

Journal of Engineering and Management, Volume 16 No. 1 January June 2023, Page: 7 29, ISSN 23948647. Anto Manuel, Adithya Sunil, Ben Alphin Binny, Jobin Benny, Roshan Rajeev, Predister An Intelligent Device To Predict Cloud Burst ,JRTI2206303 International Journal for Research Trends and Innovation, 2022 IJRTI | Volume 7, Issue 6 | ISSN: 24563315 Anto Manuel, Parvathy Arjun, Riya Jose, Sona S, Multiusable solar based autonomous power hub, SJCET Journal of Engineering and Management, Volume 16 No. 1 January June 2021, Page: 2 10, ISSN 23948647. Anto Manuel, Albin Sebastian, Jachin Seney Thomas, Riya Jose, Rinu Mathew, Intelligent system incorporated with ai for cloudburst prediction in high or medium altitude area and alert system, SJCET Journal of Engineering and Management, Volume 16 No. 1 January June 2021, Page: 21 25, ISSN 23948647. Your Content Goes Here MOOCOnline Certifications SENSORS AND ACTUATORS NOC21EE32 NPTEL 12week course, January 2021 March 2021. MEDICAL BIOMATERIALS NOC21 BT08 NPTEL 8week course, February 2021 March 2021. Awards and Recognition Best paper award in the Conference: Anto Manuel, Sheethal Maria Thomas, Rose Chirackal Joseph, Gancis Franco Sathyraj, Sachin Anu Philip, AI integrated IoT enabled smart mask for disease prediction and SOS alerting based on air pollutants, in the 2023 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication IConSCEPT, organized by the National Institute of Technology Puducherry, Karaikal, during 25 26 May, 2023. My final year student project PRIDISTER team was awarded grand for developing the idea from Center for engineering research and development, CET, Trivandrum 2022. My final year student project PRIDISTER team was selected in YIP 2022. My final year student project PRIDISTER team was published a paper in international journal 2022. My final year student project MEDIGLOVE team was awarded grand for developing the idea from Center for engineering research and development, CET, Trivandrum 2021. Successfully completed SAGY project of Melukavu 2018 and got appreciation from AICTE. Successfully implemented GSM Based Water Pumping management system 12 units and well appreciated by SJCET, Palai. Second price in CYNOSURE2015, an inter college level event on project presentation innovative ideas. Second price in Tecno Bytez2011, a national level event on paper presentation. Participated in college level

debate and essay competition and received applauds. Runnerup in Anna University Chennai Football Zonal match 2011.

Bhagya Roy SJ CET Palai Bhagya Roy Software Development Center 20210308T11:16:5100:00
Prof. Bhagya Roy Assistant Professor Department of Computer Science Engineering Email:
bhagyaroy@sjcetpalai.ac.in Phone: 919400762002 Date of Joining:02.12.2020 Education Publications
Education Degree Specialization Institution University Year of Passing B.Tech. Computer Science and
Engineering St. Josephs College of Engineering and Technology, Palai Mahatma Gandhi University,
Kottayam 2018 M.Tech Computer Science and Engineering St. Josephs College of Engineering and
Technology, Palai APJ Abdul Kalam Technological University 2020 Publications Analysis and
Detection of Malware using Intrusion Detection Technique for a Private Cloud for International
Journal of Applied Engineering Research IJAER, ISSN 09734562, Volume 15, Number 7 2020, pp.
628630 Data Security of IoT automation using Private Cloud for International Journal of Advances in
Engineering and Management IJAEM,,ISSN: 23955252, Volume 2 2020, Issue 8, pp: 124127
Application of Machine Learning In Healthcare with Suitable Examples for International Journal of
Advanced Research Trends in Engineering and Technology IJARTET, ISSN 23943785 Vol.7 2020,
Issue 12, December 2020

Alex Chollackal SJ CET Palai Alex Chollackal Software Development Center
20230727T07:19:4600:00 Prof. Alex Chollackal Assistant Professor Department of Mechanical
Engineering Mobile Number: 9947783548 Email:alexchollackal@gmail.com Association with the
institution: Regular Education Experience Memberships FDPSTTP Attended Publications Education
Sl.No Qualification University Institution Year of passing Specialization 1 B.Tech Kerala University
TKM College of Engg. Kollam 2008 Mechanical 2 M.Tech IIT Bombay IIT Bombay 2012 Thermal
Fluids Engg. Experience Sl. No Name of the college Industry Designation Experience Years Months
1 Amal Jyothi College of Engg. Kanjirappally Lecturer 1 year 1 Month Memberships Sl. No Name of
Institution Type of Membership Membership ID 1 ISTE Lie Membership LM 90202 FDPSTTP

Attended Sl. No Name of Training Workshop Year Date Duration Organizer
 1 Workshop on Renewable energy 9th November 2018 SJCET Palai
 2 Workshop on Personal Protective Equipment Training 29th June 2018 SJCET Palai
 3 Two days training on NBA accreditation 18th and 19th June 2018 SJCET Palai
 4 Workshop on Pursue, Publish, Prosper 30th March 2016 SJCET Palai
 5 STTP on Finite Element Analysis using ANSYS 22nd 26th June 2015 RIT, Kottayam
 6 Coordinators workshop on Fluid Mechanics 11th 15th March 2014 IIT Kharagpur
 7 FEEL Teacher Learning and Development Intervention 12th 14th Dec. 2013 SJCET Palai
 8 FDP on Computational Fluid Dynamics and its Applications 19th 24th August 2013 TKM College of Engineering, Kollam
 9 FDP on Instructional Design Delivery system 24th 28th June 2013 SJCET Palai
 10 FDP on Advanced Automobile Engineering May 17th 18th May 2013 SJCET Palai
 11 NMEICTISTE workshop on Engineering Thermodynamics 2012, 2 weeks IIT Bombay SJCET
 12 Recent advances in Manufacturing Engineering 2019, 5 days APJAKTU SJCET Pala
 13 Advances in Industrial Automation Fluid power Control Technologies 2019, 5 days NIT Calicut in Twinning with Govt. Engg College Bharatpur
 14 ATAL FDP: Waste Valorization towards a Sustainable Environment 2021, 5 days National Institute of technology Durgapur
 15 ATAL FDP: Novel Materials 2021, 5 days AICTE ATAL FDP, Defence Institute of Advanced Technology
 16 Heat Exchangers Fundamentals and Design Analysis 13072022 16102022 NPTEL, IIT KHARAGPUR
 17 ICT for Teaching and learning 09012023 13012023 NITTR CHENNAI Publications
 Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No.
 1 Heat transfer characteristics of the jet deflector impinged by Underexpanded jets International Journal of Experimental Thermal Fluid Science Elsevier 78 2016 page 167181.
 2 IOP Conference Series: Materials Science and Engineering Thermal performance of Multilayer Insulation: A Review 396 2018 012061. International Conferences
 Sl. No. Title of the Paper Name of the Conference Venue Date
 1 Numerical Simulation and Performance Analysis of MLI during reentry of hypersonic vehicles International conference, GBSE 2019 Accepted 19th 20th February 2019, Rajagiri, Cochin
 2 Thermal performance of multilayer insulation: A review IOP Conference Series: Materials Science and Engineering ELSEVIER DOI 10.1088/1757-899X/396/10/12061
 3 Experimental investigation of thermal stratification

in cryogenic tank subjected to multispecies bubbling Journal of Thermal Analysis and Calorimetry
SPRINGER 148, 2949

Don George Kurian SJ CET Palai Don George Kurian Software Development Center
20190112T05:56:1800:00 Prof.Don George Kurian Assistant Professor Department of Mechanical
Engineering Mobile Number: 9847914143 Email: dongeorge470gmail.com Date of joining:01072013
Association with the institution: Regular Education Membership FDPSTTP conducted Publications
Education QualificationUniversityInstitutionYear of passingSpecialization B.Tech MG SJ CET Palai
2011 Mechanical M.Tech NIT Calicut NIT Calicut 2013 Materials Science Technology Membership
Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE Life Time LM104078
FDPSTTP conducted Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 ISTE
Workshop on Green Building Awareness 24th August 2013 SJ CET Palai 2 Modern Manufacturing
Techniques 11th to 16th November 2013 TEQUIP at RIT Kottayam 3 Feel Teacher 12th to 14th
December 2013 CLHRD at SJ CET Palai 4 Fluid Mechanics 20th to 30th May 2014 IIT Kharagpur at
SJ CET Palai 5 Emerging Trends Challenges in Manufacturing Processes Management 7th to 9th
November 2016 Saintgits College of Engineering 6 International Conference on Materials,
Manufacturing Modeling March 9th 11th, 2017 VIT University 7 Recent advances in Manufacturing
Engineering 2019,5 days APJAKTU SJ CET Pala 8 NPTEL: Introduction to Programming in C ,8
Weeks NPTELAICTE 9 Rapid Prototyping and Digital Manufacturing 2020,6 Days AICTE
SPONSORED FDP,NSS Coleege Palakkad 10 KTU FDP: Additive Manufacturing and 3D Printing
2021,3 days KTU, SJ CET Palai 11 Advanced Optimisation Techniques 30012303022023 APJAKTU
SJ CET Publications Sl.NoTitle of PaperName of journalPublisherYear, Volume ISSNISBN No. 1
Effects of Preheating Electrolyte in Micro EC DM Process Materials Today : Proceedings Elsevier
Volume 5, 2018 2 Development Characterization of Alumina coating by Atmospheric Plasma
Spraying Materials Science Engineering IOP 2018, 330,012043 National Journals 1 Design,
Analysis And Fabrication of A Fish Descaling Machine SJ CET Journal of Engineering Management
SJ CET Volume 10, ISSN 23948647, 2017

Bennet Kuriakose SJ CET Palai Bennet Kuriakose Software Development Center

20240103T07:09:2900:00 Rev. Fr. Dr. Bennet Kuriakose Associate Professor Department of Civil Engineering Mobile Number: 91 9380294641 Email: bennet.kuriakosesjcetpalai.ac.in Date of Joining: 20072018 Nature of association:Regular Education Experience Membership in Professional Societies Journal Papers Conference Papers Book Chapters Invited Talks Awards and Recognitions Funded Projects Consultancy Projects Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech. Mahathma Gandhi University, Kottayam M. A. College of Engineering, Kothamangalam 2005 Civil Engineering 2 M.Tech. Kerala University, Thiruvananthapuram College of Engineering Trivandrum, Thiruvananthapuram 2010 Structural Engineering 3 Ph. D. IIT Madras, Chennai IIT Madras, Chennai 2018 Structural Engineering Experience Date of joining SJ CET : 20072018 Status as on date of joining : Associate Professor Present status : Associate Professor Previous Experience Industrial Experience : 2 years Structural Design Engineering Teaching Experience : 3 years Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 SPOTON, Kothamangalam Structural Engineer 1 year 2 Nael Gen. Contr. Est., Al Ain Structural Engineer 1 year 3 Mangalam College of Engineering, Ettumanoor Associate Professor 3 years 4 St.Josephs College of Engineering and Technology Associate Professor 20072018 till now Membership in Professional Societies Life Member of Indian Concrete Institute ICI Life Member of Institution of Engineers India and Chartered Engineer Civil Member of The International Union of Laboratories and Experts in Construction Materials, Systems and Structures RILEM. Journal Papers Peer Reviewed Journal Articles 12 Numbers Thaha, S. M., Kuriakose, B. and Baby, R. 2021. Thermal efficiency analysis of buildings with phase change materials, Sustainability Agri Food and Environmental Research, 10, No. 1, pp. 19. Kuriakose, B., Krishnan, A., Dodagoudar, G. R. and Rao, B. N. 2017. Reliability Analysis of Raft Foundation on Uniformly Random Soils, Journal of Structural Engineering, 43, No. 6, pp. 568579. Joy, P. V., Kuriakose, B. and Mathew, M. 2016. Pushover Analysis of Buildings considering SoilStructure Interaction, Applied Mechanics and Materials, 857, No. 1, pp. 189194. Gokul, P. V.,

Kuriakose, B. and Kurian, S. T. N. 2016. Numerical Analysis of Thin Plates with Holes, Applied Mechanics and Materials, 857, No. 1, pp. 154158. Thomas, F. S. and Kuriakose, B. 2016. Nonlinear Finite Element Analysis of Unreinforced Masonry Walls, Applied Mechanics and Materials, 857, No. 1, pp. 142147. Abraham, M., Kuriakose, B. and Kuruvilla, R. 2016. Static Analysis of Gravity Dams Considering Foundation Structure Interaction, Applied Mechanics and Materials, 857, No. 1, pp. 237242. Kuriakose, B., Rao, B. N. and Dodagoudar, G. R. 2016. Earlyage Temperature Distribution in a Massive Concrete Foundation, Procedia Technology, Vol. 25, pp. 107 114. Lal, G., Divya, L. G., Nithin, K. J., Mathew, S. and Kuriakose, B. 2016. Sustainable Traffic Improvement for Urban Road Intersections of Developing Countries: A Case Study of Ettumanoor, India, Procedia Technology, 25, pp. 115 121. Kuriakose, B., Krishnan, A., Dodagoudar, G. R. and Rao, B. N. 2016. Probabilistic Settlement Analysis of Rafts using First Order Reliability Method, International Journal of Earth Sciences and Engineering, Vol. 9, No. 1, pp. 0107. Kuriakose, B., Rao, B. N., Dodagoudar G. R. and Venkatachalapathy, V. 2015. Modelling of heat of hydration for thick concrete constructions A note, Journal of Structural Engineering, 42, No. 4, pp. 348357. Kuriakose, B., Sathyabhama, L. and Valsarajan, K. V., 2013. Static behaviour of laminated composite shells, Journal of Institute of Engineers India: Series A, 93, pp. 251257. Kuriakose, B., Latheswary, S. and Valsarajan, K. V., 2011. Dynamic behaviour of laminated composite shells, Journal of Institute of Engineers India: Series A, 92, pp. 38. Kuriakose, B., Latheswary, S. and Valsarajan, K. V., 2010. Finite element analysis of laminated composite shells with piezoelectric elements, Journal of Aerospace Sciences and Technologies, Vol. 62, No. 4, pp. 239 247. Conference Papers Issac, B. P., Saji, R. K., Benny, A. M., Nelson, A. and Kuriakose, B. 2021. Development of an IoTbased Module for Water Optimisation in Paddy Fields, Proceedings of ASAR International Conference, Kochi, India. Thomas, T. M., Satheesh, A., Anna, R., Bindhumol, T. and Kuriakose, B. 2019. Wind response analysis of tower crane using SAP2000, International Journal of Applied Research, 5, No. 4, pp. 1214. Kurian, T., Kuriakose, B. and Kavitha P. E. 2018. Numerical Simulation of Thermal Stresses within a Concrete Gravity Dam, Proceedings of the Frontiers of Construction Technology and Computational Mechanics 2018, Kottayam, India. Thomas, F. S. and Kuriakose, B. 2018. Static Analysis of

Unreinforced Masonry Walls with Openings, , Proceedings of the Frontiers of Construction Technology and Computational Mechanics 2018, Kottayam, India. Lal, G., Kuriakose, B. and Philip, A. 2018. Static Behaviour of Laminated Composite Plates, Proceedings of the Frontiers of Construction Technology and Computational Mechanics 2018, Kottayam, India. Gokul, P. V., Kuriakose, B. and Kurian, S. T. N. 2018. Investigations on Stress Concentration in Steel Plates with Holes under Inplane Loading, Proceedings of the Frontiers of Construction Technology and Computational Mechanics 2018, Kottayam, India. Biju, S. T. and Kuriakose, B. 2017. A Study on Seismic Response of Base Isolated Reinforced Concrete Building, Proceedings of the 1st National Conference on Emerging Researches and Innovations in Civil Engineering, Pathanamthitta, India. Jose, J. C., Kuriakose, B. and Gomez, S. M. 2016. Numerical Analysis of Oneway RC Slabs Subjected to Air Blast Loading, Proceedings of the International Conference on Computing in Mechanical Engineering, Kochi, India. Jose, J. C., Rajan, A. and Kuriakose, B. 2016. Response of RCC Slab Subjected to Air Blast Loading, Proceedings of International Conference on Structural Engineering and Construction Management, Kochi, India. Kuriakose, B., Rao, B. N. and Dodagoudar G. R., 2014. Modelling of early age concrete temperature distribution in thick rafts, Proceedings of the 5th International Congress on Computational Mechanics and Simulation, Chennai, India. Manuel, K. S., Kuriakose, B. and Sabu, N. V., 2014. Numerical analysis of concrete at elevated temperatures, International Journal of Engineering Research and Applications, ISSN: 22489622, pp. 812. Kurian, T., Kavitha, P. E. and Kuriakose, B., 2013. Numerical analysis of temperature distribution across the cross section of a concrete dam during early ages, American Journal of Engineering Research, eISSN : 23200847, pp. 26 31. Book Chapters Thankachan, R. E., Kuriakose, B. and Jacob, J. 2021. Nonlinear Finite Element Analysis of Plain Footing, In: R. M. Singh et al. eds., Advances in Civil Engineering, Lecture Notes in Civil Engineering, 83, Springer Nature Singapore Pte Ltd., pp. 931 944. Mohan, A., Jose, B. L. and Kuriakose, B. 2021. SoilStructure Interaction Analysis of Tall Steel Chimney Subjected to Wind Load, In: R. M. Singh et al. eds., Advances in Civil Engineering, Lecture Notes in Civil Engineering, 83, Springer Nature Singapore Pte Ltd., pp. 945 951. Sibi, R., Baby, R. and Kuriakose, B. 2020. Recent Trends in Use of

Phase Change Materials for Sustainable Thermal Management of Buildings: A Review, H. Drck et al. eds., Green Buildings and Sustainable Engineering, Springer Transactions in Civil and Environmental Engineering, Springer Nature Singapore Pte Ltd, pp. 191196. Invited Talks Delivered a session on Introduction to Finite Element Method: With special Emphasis on Applications in Software Packages, Workshop on ABAQUS, IIT Madras, Chennai. 2013 Delivered a session on Introduction to ANSYS, Workshop on Finite Element Method TEQIP Sponsored, Basaveshwar Engineering College, Bagalkot, Karnataka. 2013. Delivered a talk on Earthquake Resistant Structures, College of Engineering, Kidangoor, Kerala. 2016. Resource person for workshop on Finite Element Modelling and its Applications, IES College of Engineering, Chittilappilly, Thrissur. 2016. Delivered two sessions on Introduction to FEM, Mathematical Modelling, Displacement Approach as part of FDP on Finite Element Method TEQIP Sponsored, College of Engineering, Kidangoor, Kerala. 2016 Delivered a session: The Joy of Teaching, Workshop on The Art of Teaching, Mangalam College of Engineering, Ettumanoor, Kerala. 2016. Delivered a talk on Engineering Seismology and Earthquake Resistant Design of Structures, College of Engineering Kidangoor, Kerala 2017. Delivered a session on The Joy of Research, in one day workshop on Research Methodology Writing Effective Research Articles, Mangalam College of Engineering, Ettumanoor, Kerala. 2018. Delivered Keynote Talk SelfInduced Cracking of Mass Concrete, ACE Conference, Amaljyothi College of Engineering, Kanjirappally. 2020 Delivered a Talk on Pseudoscientific Practices in Civil Engineering, Vimal Jyothi College of Engineering, Kannur. 2020 Delivered a Session on Civil Engineering Practice Learning from Mistakes, as part of Online Training Program for students on CoreSkill Development for Emerging Civil Engineers, NSS College of Engineering, Palakkad. 2020 Delivered a Talk on Principal Stresses, College of Engineering Kidangoor. 2021. Delivered a Talk on Ethics: Significance and Challenges in Student Life, Mangalam College of Engineering, Ettumanoor. 2021. College of Engineering Kidangoor. 2021. Delivered a Lecture on Common Mistakes in Civil Engineering Practice: How to Avoid Them, as part of Online Industrial Oriented Training Programme for Students on Civil Engineering Beyond Curriculum, College of Engineering Kidangoor. 2021. Delivered a online webinar on Stress

Transformation: Concepts and Applications, Mangalam College of Engineering, Ettumanoor. 2022.

Delivered a Lecture on Upcoming Advancements in Construction Engineering as part of online training programme on Emerging Trends in Civil Engineering, NSS College of Engineering, Palakkad. 2022.

Awards and Recognitions Mentor of Ms. Rakhi Elizabeth Thankachan who was awarded Best Woman Innovator Dr. Pradeep P. Thevannoor Award. Reviewer of International Journal Engineering Structures, Elsevier SJR Impact Factor 1.69 Best Paper Award for Structural Engineering Frontiers of Construction Technology and Computational Mechanics 2018, Kottayam, India. Best Paper Award 1st National Conference on Emerging Researches and Innovations in Civil Engineering, Pathanamthitta, India. 2017 Technical Chair International Conference on Innovations in Structural Engineering and Construction, Kanjirappally, India. Scholarship for Doctoral Research, Ministry of Human Resources Development, Government of India. John C. Gammon Prize for the best research paper, Institute of Engineers, India. Scholarship for Doctoral Research, Indira Gandhi Centre for Atomic Research, Kalpakkam. First Rank for M. Tech. in Structural Engineering, University of Kerala, Thiruvananthapuram. Best outgoing student in Structural Engineering T. K. Divakaran Endowment, College of Engineering Trivandrum, Thiruvananthapuram. Scholarship for Post Graduate Studies in Engineering GATE, Ministry of Human Resources Development, Government of India. Merit Scholarship for Undergraduate Studies, Government of Kerala. Merit Scholarship for Schooling, Jawahar Navodaya Vidyalaya, Neriampalam. Ministry of Human Resources Development, Government of India. Funded Projects Experimental Investigations on Energy Efficient Buildings using Phase Change Materials in Tropical Climate, Agency for Nonconventional Energy and Rural Technology ANERT, Thiruvananthapuram. . Funding: upees 1 Lakh. Consultancy Projects Year 2020 Rehabilitation of Residential Building, Ramapuram. Architectural and Structural Details of Mercantile Building, Bharananganam, Kottayam. Extension and Modification of St. Marys Church, Vettimukal, Kottayam. Architectural and Structural Design for Modification of St. George Simhasana Church, Thiruvalla, Kottayam. Year 2021 Reconstruction of NNCJMLP School, Kumarakom, Kottayam. Extension of Residential and Commercial Building, Thottakkad, Kottayam. Structural Design of Retaining Wall at Paika, Kottayam. Structural Design of

Commercial Building, Vaikom, Kottayam. Structural Design of Residential Building, Thrissur. Valuation of a Residential Building, Karinkunnam, Kottayam. Structural Design of Residential Building, Kuruppumthara, Kottayam. Structural Design of Residential Building, Kumaramangalam, Idukki. Retaining Wall for Nuzzo School, Thiruvananthapuram. Renovation of a Commercial Building, Paika, Kottayam. Structural Design of Residential Building, Thiruvanchoor, Kottayam. Design of Pile Foundation for Residential Building, Kuruppamthara, Kottayam. Structural Design of Commercial Building at Poonjar, Kottayam. Structural Design of Hospital Building, Edayazham, Kottayam. Year 2022 Structural Design of Residential Building at Thodupuzha, Idukki Structural Design of Retaining wall at Mutholy, Kottayam. Stabilisation of Failed Slope, Peruvanthanam, Idukki Construction of School Building to MCV HSS Arpookara: Check For Reinforcements and Anchorages, Arpookkara, Kottayam. Structural Design and Detailed Estimate of Residential Building at Palai, Kottayam. Structural Design of Residential Building at Kuruppumthara, Kottayam Structural Design of Residential Building at Kattappana, Idukki Structural Design of Residential Building at Palai, Kottayam. Structural Design of a Cartable Bridge at Njeezhoor, Kottayam. Structural Design of Residential Building at Kattappana, Idukki.

Criterion 7 Institutional Values and Best Practices SJCET Palai 7.1 Institutional Values and Social Responsibilities 7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. a Upload Additional information b Provide Link for Additional information 7.1.2 The Institution has facilities and initiatives for 1.Alternate sources of energy and energy conservation measures 2.Management of the various types of degradable and nondegradable waste 3.Water conservation 4.Green campus initiatives 5.Disabledfriendly, barrier free environment a Policy document on the green campusplastic free campus. b Geotagged photographsvideos of the facilities. c Circulars and report of activities for the implementation of the initiatives document d Bills for the purchase of equipments for the facilities created under this metric e Provide Links for any other relevant document to support the claim if any 7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and

energy initiatives are confirmed through the following 1.Green audit Environment audit 2.Energy audit 3.Clean and green campus initiatives 4.Beyond the campus environmental promotion activities a Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date b Policy document on environment and energy usage Certificate from the auditing agency c Green auditenvironmental audit report from recognized bodies d Certificates of the awards received from recognized agency if any. e Provide Links for any other relevant document to support the claim if any 7.1.4 Describe the Institutional effortsinitiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens a Upload Additional information b Provide Link for Additional information 7.2 Best Practices 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual a Best practices as hosted on the Institutional website b Any other relevant information 7.3 Institutional Distinctiveness 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words a Appropriate web in the Institutional website b Any other relevant information

Dawn Jose SJ CET Palai Dawn Jose Software Development Center 20220513T04:24:1900:00 Dr. Dawn Jose Assistant Professor M.A, M.B.A, Ph.D. Mobile Number: 91 9895942546 Email: dawnjosesjcetpalai.ac.in Date of Joining:22.04.2009 Association with Institution:Regular Education Experience FDP Publications Conference Presentations Education

Sl.No	Qualification	University/Institution	Year of passing	Specialization
1	Ph.D.	Mahatma Gandhi University, Kottayam	2022	Management Studies
2	MBA	Mahatma Gandhi University, Kottayam	2008	Marketing, Finance
3	MA	Annamalai University	2016	Business Economics
4	BBA	Mahatma Gandhi University, Kottayam	2006	Management

Experience Date of joining SJ CET : 22042009 Status as on date of joining : Regular Present status : Regular Previous

Experience Industrial Experience : 1 Year Teaching Experience : 12 Years, 2 months

Sl. No	Name of the college/Industry	Designation	Experience Years	Months
1	HDFC Ltd	Senior Officer	1 Year	2
2	SJCET	Assistant Professor	12 years	2 months

Sl. No Name of Training Workshop Year Date Duration Organizer

1	Workshop on Research and Data Analysis	2021	2 Days	IIM, Bodhgaya
2	International Marketing Conference Workshop	2020	5 Days	IIM, Kozhikode
3	Workshop on Data Analysis in Business Research using SPSS and R Studio	2019	5 Days	M.G. University, Kottayam
4	FDP on Statistical Analysis using SPSS and AMOS	2018	2 days	SB College ,Chanaganaserry
5	MDP on Teaching Effectiveness	2016	2Days	XIME,Kochi
6	Workshop on Research Methodology	2015	27TH March to April	1 SMBS, MGU, Kottayam
7	UGC Sponsored National Seminar on Corporate Governance and Inclusive Growth	2015	2 Days	SD College, Kanjirapally
8	FDP on Multivariate Statistical Techniques for Research	2013	2 Days	SJCET
9	FDP Research Methods for Beginners	2010	2Days	TKM ,Kollam

Publications National Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN/ISBN No.
1	Social commerce and consumer adoption an investigation into the cognitive decisionmaking process of millennials	Journal of the Maharaja Sayajirao University of Baroda	Peer reviewed, UGC Care listed Journal	University of Baroda 2021, ISSN 00250422, Vol 55, Issue 1	2
2	The effect of destination image on destination loyalty A Study Based on Visitors Experience at Kochi Wesleyan	Journal of Research	Peer reviewed, UGC Care listed Journal	Bankura Christian College 2021, ISSN 09751386, Volume 14, No 01	IV
3	Social media marketing SMM and consumer adoption CA a study among youth in Kerala	Wesleyan Journal of Research	Peer reviewed, UGC Care listed Journal	Bankura Christian College 2021, ISSN 09751386, Volume 14, No 01	IV
4	Social Media Marketing and Consumer Adoption A comparative assessment of the effect of select Social Media Platforms on Consumer Adoption among youth in Kerala	IIM K Conference Paper	IIM Kozhikode 2020	5	Environmental Sustainability in the era of Globalization
5	Journal of Political Economy and Fiscal Federalism	M.G University	2017, ISSN 23956976	6	Strategic Marketing Lessons from the IPL
6	Managerial Strategies for Excellence	SCITECH Publications India Pvt.Ltd	ISBN:9788183712903	7	Decoding the culture
7	Success strategy for going global	Managerial Challenges in Business	Southern Book House ,ISBN:9788192030326		

Conference	Presentations	Sl.No.	Title	of	the	paper
presented	Event	Organiser	Year	Date	National	International
1	COVID 19	A blessing in disguise for Social Commerce in India	International Marketing Conference IIM, Bodhgaya	April 23	24, 2021	
2	Social Media Marketing and Consumer Adoption	A comparative assessment of the effect of select Social Media Platforms on Consumer Adoption among youth in Kerala.	4th International Marketing Conference MARKCONF20 IIM, Kozhikode	December 11	13, 2020	
3	Social Commerce and Consumer Adoption	An investigation into the cognitive decisionmaking process of millennials	First Rajagiri Management Conference RMC Rajagiri Business School in association with Rajagiri College of Social Sciences and Victoria University of Wellington	Oct 15,16	2020	
4	Social Media Marketing and its Effect On Consumer Adoption	A Study Among Youth in Kerala	National Conference on Insights in Marketing with the theme Marketing in 21 st Century : Contributing towards a better world	Rajagiri Centre For Business Studies RCBS	February 2,2019	National

Bibin Mathew SJCET Palai Bibin Mathew Software Development Center 20250125T08:33:5200:00

Prof. Bibin Mathew Assistant Professor MBA Mobile Number: 91 9497328537 Email: bibin.mathewsjcetpalai.ac.in Date of Joining:1 6. 01. 2025 Education Experience FDP Education BA M G UNIVERSITY Mar Thoma College, Thiruvalla 2012 Economics MBA Bangalore University, Padmashree Institute of Management Studies 2016 Marketing Management HRM Experience Mount Zion Institute of Science and Technology, Chengannur Assistant Professor 1 year and 3 months Thomas College of Engineering and Technology, Chengannur Assistant Professor 5 years and 11 Months Additional Skill Acquisition Programme ASAP Kerala. 1 Year FDP Use Of Mental Modeling in Learning Kristu Jyothi College of Management and Technology, Changanacherry. 6th February 2024. Constitution Of India Sponsered by TEQIP Phase 11, organised by Department of ECE, on 1532022 to 2032022

Alex Jose SJCET Palai Alex Jose Software Development Center 20230727T03:53:2600:00 Prof.

Alex Jose Assistant Professor Department of Computer Applications Mobile Number: 91 9605024999 Email: alexsjcetpalai.ac.in Date of Joining:23.12.2004 Nature of association: Regular Education Experience Memberships FDP Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 BCA M.G Uty,kottayam BVMHCC Cherpunkal 1998 Computer Science 2 MCA Periyar Uty ,Selam KSRCAS,Erode 2002 Computer Science 3 M.Phil Bharathiyar Uty Combitorre Bharathiyar Uty 2012 Computer Science Experience Status as on date of joining : System Administrator Present status : Assistant Professor Previous Experience Industrial Experience : 1year Teaching Experience : 1 year Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Basenetfirms Pvt. Ltd System Engineer 1 2 MA College Ramapuram Lecturer 8 months 3 SOCS , M.G University Lecturer 4 months Memberships Sl. NoName of InstitutionType of Membership 1 ISTE Life Member FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Teaching Excellence and Methodologies A short term course for the faculties of Engineering Colleges organized by Indian Society for Technical Education. 20063days ISTE 2 Maintaining Quality and relevance in engineering education One Day National Seminar sponsored by the All India Council for Technical Education and Indian Society for Technical Education. 20061 day AICTE 3 Workshop on cyber security and CCNSP essentials 2011 3days Elitecore, Bangalore 4 Workshop on writing effective conference papers 20122dayus NMICT, IIT Bombay 5 Workshop on Computer programming 20152weeks NMICT,IIT Bombay 6 Workshop on Introduction to Design of Algorithms a two week ISTE STTP 20152 weeks NMICT,IIT Kharagpur 7 Workshop on Learning and Development Intervention 20133days CLHRD, Manglore

Dona Mary Cherian SJCET Palai Dona Mary Cherian Software Development Center 20220513T09:28:5800:00 Prof. Dona Mary Cherian Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9495921643 Email: donasjcetpalai.ac.in Education FDPSTTPs MOOC Courses Education Sl.NoQualificationInstitutionSpecialization 1 M. Tech Rajagiri School of Engineering and Technology Computer Science and Information System 2 B. Tech Amal Jyothi College of Engineering and Technology Computer Science Engineering FDPSTTPs Awarded

certificate of participation in 5day Faculty Development Programme on High performance Computing and Deep Learning for Image and Text analysis Session 2 organized by Mar Baselios of College of Engineering and Technology, Thiruvananthapuram, from 21.03.2021 to 25.03.2022. Awarded certificate of participation in 3day Faculty Development Programme on ARTIFICIAL INTELLIGENCE AND DATA SCIENCE organized by Sree Narayana Gurukulam College of Engineering, from 17th to 19th march 2022. Awarded certificate of participation in 4day Virtual Faculty Development Programme on MODERN WEB APPLICATION DEVELOPMENT WITH MEAN STACK organized by ICT ACADEMY OF KERALA, conducted FROM 05JAN2022 TO 10JAN2022. MOOC Courses Completed the Coursera online certification on Introduction to Machine Learning authorized by Duke University. Completed the Coursera online certification on Introduction to Cloud Identity authorized by Google Cloud. Completed the NPTEL online certification on Python for DataScience funded by the Ministry of HRD.

Deepa Joseph SJ CET Palai Deepa Joseph Software Development Center
 20220520T06:36:4100:00 Prof. Deepa Joseph Assistant Professor Department of Civil Engineering
 Mobile Number: 91 9745111945 Email:deepajosephsjcetpalai.ac.in Date of Joining: 19012015
 Nature of association: Regular Education Experience Memberships FDP Publications Seminar
 Workshops Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.E
 Anna University St.Xaviers Catholic College of Engineering Technology 2009 Civil Engineering 2
 M.Tech Kerala University College of Engineering Trivandrum 2011 CE Structural Engineering
 Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Amaljyothi
 College of Engineering Technology Assistant Professor 1 year 4 months 2 Baselios Thomas I
 Catholicose College of Engineering Technology Assistant Professor 7 months 3 Viswajyothi College
 of Engineering Technology Assistant Professor 6 months 4 St.Josephs College of Engineering And
 Technology Assistant Professor 19012015 till now Memberships ISTE FDP Title HostOrganisation
 DetailsDate 1 STTP on Advances in Bridge EngineeringDesign and Research Perspective
 Government Engineering College Thrissur TEQIP 21st to 25th March 2022 2 FDP on Smart

Materials and Technologies in Civil Engineering College of Engineering KidangoorTEQIP Sponsored 22nd to 26 th February 2021 3 STTP on Guidance and Counselling SJCETAICTE Sponsored 8th to 14th February 2021 4 STTP on Mathematical modelling in civil engineering SCMS school of Engineering and technology 5th to 7th August 2020 5 FDP on A short course on Random Vibrations Rajagiri School of Engineering and technology, Kochi 9th to 14th December 2019 6 STTP on Introduction to Structural Engineering IIT Kharagpur ISTE Sponsored 30th Nov to 9th Jan 2016 7 STTP on Environmental Studies IIT BombayISTE Sponsored 2nd to 12th June 2015 Publications Conference International Conference on Perceptions in Biomedical Engineering and Affordable Healthcare Technologies, Sahardaya College of Engineering and Technology, 13th to 14th May 2019 Journal A review on Behaviour of Continuous RC Beams having Web Openings Strengthened with FRP, IRJET, April 2022 A state of art of review on Castellated Beam, IRJET, April 2022 Study on seismic behaviour of reinforced concrete tall buildings with outrigger, IRJET, April 2022 Seminar Workshops Title HostOrganisation DetailsDate OrientationRefresher Programme on Outcome Based Education in Professional Institutions SJCETAICTE ISTE Sponsored 27th Dec 2021 to 1st Jan 2022 One day workshop on Concrete Mix Design CUSAT ICI Kochi January 2018 One day workshop on NonDestructive Testing on Concrete CUSAT ICI Kochi November 2017 Twoday workshop on Intelligent Transportation System for Road Safety Rajiv Gandhi Institute of Technology KottayamTEQIP Sponsored 16th to 17th July 2015

Bincy S SJCET Palai Bincy S Software Development Center 20220526T10:49:3100:00 Prof. Bincy S Assistant Professor Department of Civil Engineering Mobile Number: 91 9961041757 Email: bincysjcetpalai.ac.in Date of Joining: 04082008 Nature of association:Regular Education Experience Memberships FDP Publications Seminar Workshops MOOC Courses Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Calicut University Govt.Engg College Thrissur 1998 Civil Engineering 2 M.E Anna University The Rajaas Engg College 2012 Construction Engg Management Experience Status as on date of joining : Lecturer Present status : Assistant Professor Sl. NoName of the collegeIndustryDesignationExperience Years Months

1 National Fibre glass Industries,Dubai Civil Engineer 1.5 years 2 Honeywell Airport Systems Dubai Civil Engineer 3 year 3 Al Naboodah Engineering Services Dubai Civil Engineer 1 year 4 Lalam Block Panchayat Accredited Engineer 3 months 5 SJCET Palai Asst Professor 04082008 till now Memberships Life Member Indian Society for Technical Education FDP Research Avenues in Industrial Engineering,Rajiv Gandhi Institute of Technology Kottayam from 25032021 to 27032021 Emerging Challenges in sustainable urban development,organized by Department of civil engineerinf,SCMS School of Engineering and Technology,Ernakulam from 10th to 12th July 2019 FDP on Integrated Waste Management for a Smart City,IIT Kharagpur, JanApril 2019 FDP on Infrastructure Planning and Management,IIT Madras,JanApril 2019 ISTE STTP on Introduction to Structural Engineering, IIT Kharagpur 4th to 9th January 2016 ISTE STTP on Environmental Studies, conducted by IIT Bombay. From 2nd to 12th June 2015 STTP on Green Technology , Organized by Department of Civil Engineering, Rajiv Gandhi Institute of Technology Kottayam from 10th to 15th December 2012 Recent Advances in Civil Engineering ,Amal Jyothi College of Engineering from 6th to 10th December 2011 Teaching Excellence and Methodologies ,ISTE Kerala Section ,from 25052009 to 30052009 at Govt Engineering College,Thrissur Publications Bibi M Jacob and S Bincy Parametric Study of Longitudinal Hollow Steel Fibre Reinforced Concrete SFRCBeams IOP Conference Series: Materials Science and Engineering,Volume 396, April 2018 Anju Alexander,Nikhil Mohanan, Bincy S Dynamic blast response of diagonally biased stiffened steel plate under confinement IOP Conference Series: Materials Science and Engineering,Volume 396, April 2018 Seminar Workshops Workshop on Advances in Welding Technology ,SJCET Palai, from 28th to 29th January 2010. Workshop on Advances in Manufacturing and Production management,SJCET Palai from 23rd to 24th April 2009 Seminar on Educational Utilization of Indian Standards ,SJCET palai,11th December 2009 Workshop on Energy Management Challenges and Future Prospects ,SJCET Palai, from19th to 23rd January 2009 MOOC Courses NPTEL Course on Plastic Waste Management FebApril 2019

Anu Jyothy SJCET Palai Anu Jyothy Software Development Center 20240718T03:57:0500:00 Prof.

Anu Jyothy Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 8281024599 Email: anujyothysjcetpalai.ac.in Date of joining SJ CET: 05102020 Education Experience FDP Publications Research Development Publication with Google Scholar Citations STTP FDP Conference Seminars Workshops participated MOOC Online Certifications Awards and Recognition Education Degree Specialization Institution University Year of Passing B.Tech. ECE Vimal Jyothi Engineering college, Chemperi Kannur University 2006 M.E Applied Electronics Karunya University Karunya University 2008 Experience

Sl.No	Name of the College/Industry	Designation	Date of Joining	Date of Relieving
1	Sahrdaya College of Engineering Technology, Kodakara, Diocese of Irinjalakuda, TCR	Assistant Professor	August 2012	November 2013
2	Government Polytechnic college, Pala, KTM	Lecturer	October 2014	March 2015
3	Model Polytechnic college, Mattakkara, KTM	Lecturer	June 2015	March 2017
4	Government Polytechnic college, Pala, KTM	Lecturer	June 2019	March 2020

One Week AICTE Sponsored STTP on Applications of Artificial Intelligence Technique in Overcoming the Challenges of Healthcare industry. Knowledge institute of technology, Tamil Nadu One Week AICTE Sponsored STTP on Outcome Based Education with Assessment and Evaluation. Sahrdaya college of engg technology. Attended a 3 day ISTE sponsored workshop on DSP MATLAB, Sahrdaya college of engg technology. FDP 3 days on Teaching Next Generation Engineers by a facilitator from IIT Chennai, Sahrdaya college of engg technology. FDP 3 days on Educational psychology, Sahrdaya college of engg technology.

Publications International Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume
1	Secure and Efficient Data Transfer in WSN	International Journal of Electronics Communication Technology	IJECT	Cosmic Journals Vol 2 , Issue 3, September 2011

International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue
1	Pattern based data transmission in Wireless sensor networks	International Conference on VLSI	Karunya Institue of technology and sciences, Coimbatore

2008 Research Development 5 G technology in Power systems , Wireless sensor networks Publication with Google Scholar Citations IEEE Xplore publication , Presented at IEEE International Conference on Innovation In Engineering and

Technology, ICIET, IEEE conference 2023 July 13 5 G Technology in Power systems, IJSER Vol 14 issue 1, JAN 2023 Edition Automatic Brightness controller, SJCET Journal 202223 STTP FDP Conference Seminars Workshops participated AICTE Sponsored One Week STTP on Application of Artificial Intelligence Technique in Overcoming the Challenges of Healthcare Industry from 16.11.2020 to 21.11.2020 in the Department of Electronics and Communication Engineering, Knowledge Institute of Technology, Salem, Tamilnadu. AICTE Training and Learning ATAL Academy Online Elementary FDP on Cyber Security: A step towards awareness to Cyber Crime from 2021 0614 to 20210618 at ENGINEERING COLLEGE AJMER. KTU sponsored 5 Day FDP on AI Data sciences: A pedagogical approach organized by dept of ECE, SJCET AICTE sponsored STTP on paradigm shift in assessment and evaluation practices for Engineering graduates conducted at Amal jyothi college of engineering technology, Kanjirapally AICTE sponsored FDP on Outcome based education with Assessment Evaluation during November 2020 at Sahrdaya College of Engineering Technology, Kodakara, Trichur. AICTE sponsored Six Days Short Term Training Program on IoT and Data Science conducted by Department of Electronics and Communication Engineering, St. Josephs College of Engineering and Technology from 28122020 to 02012021. Faculty Development Program on Constitution of India sponsored by TEQIP phase II, organised by Department of Electronics Communication Engineering from 15 032021 to 20032021 at Thangal Kunju Musaliar College of Engineering Kollam, Kerala 691005 AICTE ISTE approved refresher Programme On Emerging Trends In Embedded Systems IoT AT Nehru College Of Engineering Research Centre, Pampady, Trichur in February 2022 AICTE Training And Learning ATAL Academy Online Elementary FDP on Wearable Devices from 17012022 to 21012022 in five days seminar cum workshop on Recent Trends in Future Generation Wireless Networks organised by Department of Electronics Communication Engineering, Indian Institute of Technology Allahabad from 27 January to 31 January 2022. The two week faculty development programme entitled MATLAB SDR hands on for communication engineering lab at Amal Jyothi Engineering College, Kanjirapally 27th Feb 2023 10th March 2023 MOOC Online Certifications 1. Technical English for engineers February April 2022, 8 weeks 2. Principles of Management July Oct 2022, 12 weeks 3. Accreditation outcome

based learning August-Oct 2022, 8 weeks Awards and Recognition Judge of circuit debugging contest ,CAPE Tech fest, 2023 conducted at CEK, Kidangoor Judge of wave cloning contest ,CAPE Tech fest, 2023 conducted at CEK, Kidangoor Judge of Inter college Project exhibition ,CAPE Tech fest 2023, conducted at CEK, Kidangoor IoT Based smart plug Students Project under my supervision was presented at ICIET, IEEE conference held at Ilahia College of engineering, Muvattupuzha on 13th 14th July 2023. Students project under my supervision was demonstrated at Elecxs23, the ECSA activity

Anu Pius SJCET Palai Education Degree Specialization Institution University Year of Passing B.Sc. Mathematics N.S.S College Nemmara Calicut University 2006 M.Sc. Mathematics St. Berchmans College Changanacherry. M.G. University 2008 B.Ed Mathematics N.S.S Training College Ottappalam. Calicut University 2009 M.Phil Mathematics Ponnayiah Ramajayam Institute of Science and Technology PRIST Thanjavur. PRIST Deemed to Be University 2018 MAPC Psychology IGNOU, R C COCHIN IGNOU 2022 PhD Mathematics PRIST Deemed To Be University Thanjavoor PRIST Deemed To Be University Thanjavoor 2024 Experience Name of the College Industry Designation Date of Joining Date of Relieving MERCY COLLEGE, PALAKKAD. Guest Lecturer June 01 2010 31032011 ST. THOMAS COLLEGE, PALAI. Guest Lecturer August 01 2011 31042012 MAR AUGUST THINOSE COLLEGE, RAMAPURAM. Guest Lecturer September 01 2013 31102013 B.V.M HOLY CROSS COLLEGE, CHERPUNKAL Assistant Professor August 01 2014 31052021 CHAVARA PUBLIC SCHOOL, PALAI. PGT June 01 2021 28082022 Publications 1. A paper entitled Cryptography in Fuzzy Graph Theory was accepted in Scopus Indexed Peer Reviewed International Journal named Journal of Intelligent and Fuzzy Systems publisher: IOS Press with ISSN: 10641246, E-ISSN: 18758967. 2. A paper entitled a journal paper entitled Application of cryptography in data privacy using fuzzy graph theory in Scopus Indexed Peer Reviewed International Journal named Journal of Discrete Mathematical Sciences Cryptography publisher: Taylor Francis with ISSN 09720529 Print, ISSN 21690065 Online, DOI : 10.1080/09720529.2021.2014146. 3. A paper entitled a journal paper Entitled Efficient Cryptography

System on Fuzzy Theory in ScopusIndexed PeerReviewed International Journal, Journal of Critical Reviews ISSN: 23945125, Vol 07, Issue 09 on April 2020. 4. A paper entitled a journal paper entitled Secure Data Encryption with Graph Theory in AMSJ Advances in Mathematics: Scientific Journal, ISSN: 18578365Printed 18578438electronic. Vol 9, Issue 3on August 2020. 5. A paper entitled a Journal Paper Entitled A Study On Fuzzy Graph In Cryptography in UGC Approved PeerReviewed International Journal named International Journal Of All Research Education And Scientific Methods IJARESM Vol 11 Publisher: IJARESM Publication, INDIA with ISSN: 24556211. 6. A paper entitled a Journal Paper Entitled Algorithms for solving Discrete Logarithm Problem in UGC Approved PeerReviewed International Journal named International Journal for All Research Trends and Innovation IJRTI Vol 3, ISSUE7 Publisher: IJRTI Publication, INDIA with ISSN: 24563315, JULY2018. 7. A paper entitled a Journal Paper Entitled Algorithms for solving Discrete Logarithm Problem in UGC Approved PeerReviewed International Journal named International Journal for All Research Trends and Innovation IJRTI Vol 3, ISSUE7 Publisher: IJRTI Publication, INDIA with ISSN: 24563315, JULY2018. 8. A paper entitled a Journal Paper Entitled Subjugate strict domination infused in fascinating fuzzy graphs in UGC Approved PeerReviewed International Journal named Journal of Emerging Technologies and Innovative Research JETIR Vol 6, ISSUE6 Publisher: JETIR Publication, INDIA with ISSN: 23495162, June2019. 9. A paper entitled a Journal Paper Entitled A Study on arithmetic logic in elliptic curve cryptosystems using discrete logarithm problems in UGC Approved PeerReviewed International Journal named Journal of Emerging Technologies and Innovative Research JETIR Vol 5, ISSUE8 Publisher: JETIR Publication, INDIA with ISSN: 23495162, August2018. 10. A paper entitled a Journal Paper Entitled A Study on Discrete Logarithm Problem in Circulant Matrices in UGC Approved PeerReviewed International Journal named International Journal of Mathematics Trends and Technology IJMTT Vol 59, ISSUE3 Publisher: JETIR Publication, INDIA with ISSN: 22315373,2018. STTPFDP Conference SeminarsWorkshops attended Completed internship of 30 days from 02092021 to 18122021 at Santhwana institute of counselling and psychotherapy, kacheripady, Ernakulum. Workshop of Theme Centered Interaction T.C.I on English Language and Communication during 27 April 2017 at

BVMHCC, Cherpunkal. 17th international Conference of RCI For TCI India During 1315 January 2017 at B.K College Amalagiri Seminar on Young Educators Vision Organized by Xavier Board of Higher Education in India at Assumption College Changnacherry on 25th October 2016. Refresher Course for College Teachers during 912 October 2014 at Kerala School of Mathematics, Kozhikode. Workshop on Environment Education Held at N.S.S Training College, Ottappalam on 23032009. Life Guidance Seminar Held at St. Berchmans College, Changnacherry on 28th 29th March 2008. National Seminar on Wavelets, Fractals Applications Held at St.Berchmans College Changnacherry On 58 March 2007. Books Monograph Published a book chapter titled An Effective Analysis of Cryptography and Importance Of Implementing Cryptography In Fuzzy Graph Theory in Lecture Notes In Networks And Systems, volume 435, ISBN 9789811909757, ISBN:9789811909764Ebook, Publisher: Springer,2022. Online Certifications 1. FDP conducted by ISTE ChapterSJCET in Association with ISTE Kerala Section on Induction Training Programme for Teachers during January 2023. 2. FDP conducted by V.P Institute of Management studies Research,Sangli in association with Spoken TutorialIIT BOMBAY on MOODLE Learning Management Systems during May 2020. 3. FDP conducted by IQAC, St.Georges College Aruvithura on Essential Software Skill Training during August 2020. 4. FDP conducted by IQAC, BVMHCC, on Faculty Skill Development Programme during August 2020 5. Webinar conducted by PG Research Department of Mathematics, St.Marys College on Mathematical Documentation and Computation using Online Tools during May 2020. 6. Webinar conducted by Department of ECE, Mahindra institute of technology in association with ABE Semiconductor Designs on Artificial Intelligence during May 2020. 7. Webinar conducted by ABE Semiconductor Designs on Struggling with your research implementation talk to our team during May 2020 8. International Webinar conducted by PG Department of Mathematics, Sacred Heart College, and Chalakkudy on Celebrating Women in Mathematics during May 2020. 9. Webinar series conducted by IQAC, St.Georges College Aruvithura on Online learning: opportunities and challenges during May 2020. 10. Webinar series conducted by IQAC, St.Georges College Aruvithura on Online learning: opportunities and challenges during May 2020. 11. Webinar series conducted by IQAC, St.Georges College

Aruvithura on Keralas fiscal Crisis: An Overview during May 2020. 12. Webinar series conducted by IQAC, St.Georges College Aruvithura on Employment Prospects in the post covid Era during May 2020 13. Webinar series conducted by IQAC, St.Georges College Aruvithura on Pandemics and their Leverage on culture: Solidarity Survival during May 2020 14. Webinar conducted by IQAC, BVM HCC Cherpunkal on The Importance of Research in Educational System during May 2020 15. Webinar conducted by IQAC, BVM HCC Cherpunkal on online classes: expectation and reality during May 2020. 16. Webinar conducted by SRIMCAMBA,UkaTarsadia university on Social media awareness during OCTOBER 2020 17. Webinar conducted by IQAC, St.Xaviers College for women Aluva on Contactless Teaching and Learning Pedagogy during May 2020. 18. Webinar conducted by Department of Science Humanities, FISAT on Emerging Trends in the Field of Science Humanities during October 2020. 19. International Webinar conducted by IQAC, AQUINAS College Edacochin on SWOT ANALYSIS during May 2020. 20. 2day Webinar conducted by department of social work in association with department of education, ASSAM University,SILCHAR on National Educational Policy during September 2020 21. International Webinar conducted by IQAC, Maynaguri College in association with Indian Medical Association Jalpaiguri on role of science and technology during COVID 19 Pandemic: A Perspective Analysis during September 2020. 22. International Webinar conducted by department of mathematics, BK College, Amalagiri Modelling and Simulation of highperformance computing systems during October 2020. 23. Webinar conducted by PG Research department of mathematics, Marthoma College, Thiruvalla Rayleigh Quotient some characterisations during October 2020. 24. 2day Webinar conducted by department of mathematics, M.E.S KALLADI College, Mannarkkad Introduction to LATEX during October 2020.

Alphonsa Johny SJ CET Palai Education Degree Specialization Institution University Year of Passing B.Tech. Computer Science Engineering I.H.R.D College of Engineering Poonjar, Kottayam CUSAT 2010 M.Tech. Computer Science Engineering Sree Chitra Thirunal College of Engineering Pappanamcode, Trivandrum KERALA 2013 Ph.D Computer Science Engineering St. Josephs College of Engineering Technology, Palai APJ Abdul Kalam Technological University, Kerala.

Pursing Experience	Name of the College/Industry	Designation	Date of Joining	Date of Relieving
	I.H.R.D College of Engineering Poonjar,	Kottayam Guest Lecturer	July 1, 2010	November 25, 2010
	IBS Software Technologies Pvt Ltd,	Trivandrum Software Engineer	November 30, 2010	July 31, 2011

Memberships	Name of the Institution	Membership ID	No	ACM	4212529
STTP	Seminars/Workshops	1: One Day ISTE eworkshop on Creative Teaching	Organized by Department of Computer Science Engineering, Amal Jyothi College of Engineering, Kanjirappally in association with ISTE Kerala Section on 5th October 2013.	2: Training in IBM SEED Program	50314 to 080314
	3: Twoday ISTE eSeminar Steps 2 Research	organized by ISTE Kerala Section and CSI Cochin Chapter on 19/20 September 2014.	4: Twoweek ISTE Workshop on Computer Programming	Conducted by IIT Bombay	2005/2014 to 15/06/2014
	5: Database Design and Programming with SQL	by ORACLE Academy	June 2014.	6: International Seminar on Andes Embedded Processor	organized by SNS College of Technology, Coimbatore on 26th February 2015.
	7: Twoweek ISTE STTP on Introduction to Design of Algorithms	conducted by IIT Kharagpur from 27th April to 30th May 2015.	8: Twoweek ISTE Workshop on Technical Communication	conducted by IIT Bombay from 8th October 2015 to 5th December 2015.	9: Workshop Purse, Publish, prosper
	organized by the ISTE Staff Chapter SJCET on 30th March 2016.	10: Workshop on Open Source Software at Viswajyothi College of Engineering Technology, Vazhakkulam	on 19th and 20th December 2016.	11: National Seminar on Big Data Cloud Computing	Organized by Department of Computer Science Engineering of Viswajyothi College of Engineering Technology, Vazhakkulam on 27th June 2017.
	12: STTP on Computer Vision and Robotics at Viswajyothi College of Engineering Technology, Vazhakkulam	on 11/15 December 2017.	13: FDP on Design Thinking	Organized by the Department of Computer Science and Engineering in association with Startup Bootcamp and ACMSJCET from 9th to 12th July 2018.	14: NPTEL Organized Faculty Development Program on Database Management Systems
	Aug/Sep 2018	8 Week.	15: International Workshop on Deep learning at Providence College of Engineering Chengannur	5 and 6 April 2019.	16: NPTEL Organized Faculty Development Program on Big Data Computing
	Feb/April 2019	8 Week.	17: NPTEL Organized Faculty Development Program on Machine Learning	Feb/April 2019	8 Week.
	18: NPTEL Organized				

Faculty Development Program on Cloud Computing Aug Nov 2019 Week Course 19: AICTE Training and Learning ATAL Academy FDP on Blockchain from 09122019 to 13122019 at Adi Shankara Institute of Engineering and Technology, Kalady. 20: online workshop on How to Write a Technical Research Paper organized by Ahalia School of Engineering Technology on 22nd April 2020. 21: Attended a webinar on Simulation Tools for Innovative Research organized by Velammal Engineering College on 5th May 2020. 22: Short Term Training Program on Research Methodology organized by Amal Jyothi College of Engineering from 28th to 30th May 2020. 23: The Coursera Online Certification on Block Chain Platforms offered by the State University of New York on 2nd May 2020. 24: The Coursera Online Certification on The Data Scientists Toolbox Offered by the Johns Hopkins University on 24th May 2020. 25: FDP on Outcome Based Education Software by Vmedulife Software Services on 4th June 2020. 26: Webinar on Data Visualization Organized by Sathyabama Institute of Science Technology on 8th June 2020. 27: The Coursera Online Certification on COVID19 Contact Tracing Offered by the Johns Hopkins University on 23th June 2020. 28: The Certified Block Chain Associate Program offered by Kerala Block chain Academy on 27th May 2020. 29: Online FDP on Learning Management System Organized by the Department of Computer Science and Engineering, St. Josephs College of Engineering Technology, Palai on 10th to 15th August 2020. 30: Six days STTP on Data Analytics and Machine Learning Department of Computer Science Engineering, Amal Jyothi College of Engineering, Kanjirappally on 3rd to 8th August 2020. 31: TEQIP sponsored online faculty and Staff Development program on Python for Machine Learning Organized by Govt. Engineering College, Palakkad on 14th to 18th September 2020. 32: Online ShortTerm Training Program on Emerging AI Techniques in Data Analytics held on 12th September 2020 under TEQIP III Organized by Division of Information Technology, School of Engineering, Cochin University of Science and Technology, Kochi, Kerala. 33: Oneweek AICTE Sponsored STTP on Outcome Based Education for Technical InstitutionsPhase 1 Conducted by RSET Kochi on 14th to 20th October 2020. 34: Oneweek AICTE Sponsored STTP on Outcome Based Education for Technical InstitutionsPhase II Conducted by Rajagiri School of Engineering Technology, Kochi on 16th to 21th November 2020. 35: Three Days Online Workshop on Art of

Writing Publishing Effective Research Paper in High Impact Factor Journals Conducted by Department of Electronics Communication Engineering, CMR Institute of Technology from 07th to 09th January 2021. 36: Five Days Online Faculty Development Program on Data Analytics from 15Feb2021 to 19Feb2021 organized by Department of Computer Science and Engineering, College of Engineering Kidangoor. Publications 1: Secure Socket Layer Implementations A Review, International Journal of Computer Science Engineering Technology IJCSET, Vol. 4 No. 02 Feb 2013, ISSN: 22293345, 118123. 2: Security in Automotive Domain Using Secure Socket Layer, International Journal of Engineering and Innovative Technology IJEIT Volume 3, Issue 4, October 2013. 3: A Study on Energy Efficient Routing Schemes For WSN, Recent Advances in Computer Science and Information Engineering, March 2014. 4: A Survey on Joint DataHiding and Compression Techniques in IEEE International Conference on Soft Computing and Network Security organized by SNS College of Technology 25th to 27th February 2015. 5: Review on Robust Watermarking of Compressed and Encrypted JPEG 2000 Images in IEEE International Conference on Soft Computing and Network Security organized by SNS College of Technology 25th to 27th February 2015. 6: Study on Tradeoffs in Detection of Malicious Data Injections in Wireless Sensor Networks, in Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology RAEREST 2016. 7: Chord master, GRD Journals, Global Research and Development Journal for Engineering, National Conference on Emerging Research Trend in Electrical and Electronics Engineering ERTE19, May 2019 eISSN: 24555703. 8: Review on Moving Zone Based Clustering in VehicletoVehicle V2V Communication, International Journal of Wireless Communications and Networking Technologies, May 2019, 9: Emotion Recognition Using Deep Learning, Proceedings of the National conference on Advances in Smart Computing and Data Science NCASCD19 held on 8th May, 2019. 10: Detection of Helmetless Riders using Faster RCNN, Journal name: International Journal of Innovative Science and Research Technology. Volume 5 Issue 5, May 2020. 11: Melanoma Detection using Deep Learning in the Journal International Journal for Research in Applied Science Engineering technology, Volume 8, Issue 5 May 2020. 12: Malayalam Handwritten Character Recognition System Using Convolutional Neural

Network, International Journal of Applied Engineering Research ISSN 09734562 Volume 15, Number 9 2020 pp. 918920. Funded Research Project Title: Efficient Big Data Processing Techniques Funding Agency: APJAK Technological University CERD SEED Money Amount: 60,000 20192022 Achievements Qualified UGC NET JRF Assistant Professorship in the subject Computer Science Applications June 2020. Qualified UGC NET Assistant Professorship Only in the subject Computer Science Applications December 2019. Qualified Graduate Aptitude Test in Engineering GATE for the years 2011,2012,2014,2015,2017 and 2020.

Amala Mathew SJCET Palai Amala Mathew Software Development Center 20230816T08:38:2800:00 Prof. Amala Mathew Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9946060500 Email: amalamathewsjcetpalai.ac.in Date of joining SJCET: 25102022 Education Experience FDPSTTP MOOC Courses Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. IT MGUCE,THODUPUZHA MG 2014 M.Tech. CSE VJCET,VAZHAKULAM MG 2016 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Govt Polytechnic Lecturer 22082016 30032017 FDPSTTP SI.NoDetails of the FDPSTTPRemarks 1 Attended the Faculty Development Program on Blockchain Technology its Applications from January 16th, 2023 to January 20th, 2023 January 3, 1900 January 1, 1970 2 Attended the Induction training program for teachers from January 3rd, 2023 to January 7th, 2023. Organized by ISTE SJCET Chapter ISTE Kerala Section MOOC Courses SI.No.Details of the CourseCertified By 1 Completed the NPTEL online certification MOOC course on Renewable Energy Systems offered by NPTEL during JanuaryApril 2023 NPTEL,IIT Guwahati

Binila Binoy SJCET Palai Binila Binoy Software Development Center 20240806T04:04:1100:00 Prof. Binila Binoy Assistant Professor Department of Computer Applications Mobile Number: 91 80783 88926 Email: binilabinoysjcetpalai.ac.in Date of Joining: 01072024 Education Experience Education SL.NOQualificationUniversityInstitutionYear of PassingSpecialization 1 Graduation

Mahatma Gandhi MC Varghese College of Arts and Science, Ettumanoor 2017 BCA 2 Post Graduation APJAKTU SJCET Palai 2019 MCA Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Quest Global Senior Software Engineer 9 Months 2 Infosys limited Software developer 3 years 3 Infosys limited Software developer Intern 8 months

Deepu Job SJCET Palai Deepu Job Software Development Center 20210308T10:53:2900:00 Prof. Deepu Job Assistant Professor Department of Computer Science Engineering Mobile Number: 91 8714511180 Email: deepu.jobsjcetpalai.ac.in Date of Joining:15.06.2011 Education Memberships Publications ConferenceSeminars STTP Conference SeminarsWorkshops Education Degree Specialization Institution University Year of Passing B.Tech. Computer Science and Engineering College of Engineering Chengannur,Chengannur, Kerala. CUSAT 2009 M.Tech. Information Security Computer Forensics SRM University, Kattankulathur, Chennai Tamil Nadu. SRM University 2011 Ph.D. A lightweight block cipher with high security and efficiency for low resource devices in the wireless network. SOE, CUSAT CUSAT Pursuing Memberships Name of the Institution Membership IDNo ISTE LM 90147 CSI F8000188 Publications Published a paper in International Journal of Research in Computer and Communication Technology: ISRA Impact Factor 1.925 Index Copernicus Value 6.07 ISSN: 23205156p, 22785841o 2014 Title: Essentiality of Localized Ondemand Link State LOLS Routing in IP Network IJAMTES International Journal of Advances in Management, Technology Engineering Sciences Vol. II, Issue 9V, June 2013 ISSN: 22497455 Title: Protecting Source and Sink Location Privacy in Wireless Sensor Networks NCETIC National Conference On Emerging Trends in Computing Title:Protecting Context Privacy in Wireless Sensor Networks 1st Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology RAEREST 2016 on April 22nd 23rd April 2016 Secure Mindmetrics Authentication Mechanism with Log Files International Journal of Engineering Trends and Technology IJETT Volume 13 Number 5 Jul 2014 ISSN:2231 5381 A Secure Dual Encryption Scheme Combined with Steganography IOP Conference Series: Materials Science and Engineering

Volume 396, Number 1 2018 IOP Conf. Ser.: Mater. Sci. Eng. 396 012027 Security mechanisms and Vulnerabilities in LPWAN Conference

Seminars Coordinated Two Week ISTE Main Workshop on Computer Networking from June 30th, 2014 to July 5th, 2014 for faculty members at St. Josephs College of Engineering Technology, Palai

Worked as Teaching Assistant of ISTE Workshop on Introduction to research methodologies conducted by IIT Bombay on 25th June to 4th July 2012

Worked as Teaching Assistant of ISTE Workshop on Writing Effective Conference Papers conducted by IIT Bombay on 18th and 19th February 2012

Conducted Faculty Development Programme Programming in Python for faculty members at College of Engineering, Adoor on 4th November 2013

STTP Conference Seminars/Workshops Participated in ISTE Coordinators Workshop on Computer Networking from May 5th, 2014 to May 9th, 2014 at IIT Bombay

Participated in Two Week ISTE Main Workshop on Computer Programming from May 20th, 2014 to June 21st, 2014 at St. Josephs College of Engineering Technology, Palai

Has Undergone Training in IBM SEED Program from 5th March to 8th March 2014 at IBM Software Engineering for Educational Development programme

Participated in twoday Workshop on CASE Tools Special focus to MTech. CSE MTech. CSIS syllabus of M.G. University Kottayam. Organized by Dept. of CSE, Rajagiri School of Engineering and Technology, Kakkanad, Kochi November 2013

Participated in Symposium on Cyber Defense on September 20 21, 2013 at Amrita University Coimbatore Campus

Participated in ISTE Workshop on Aakash for Education conducted by IIT Bombay on 10th and 11th November 2012

Deepalakshmi D SJCET Palai Deepalakshmi D Software Development Center

20181218T09:39:5800:00 Ms. Deepalakshmi D Assistant Professor Department of Science and Humanities Mobile Number:9497285568 Email:deepalakshmi211gmail.com Education Experience

Education	Sl.No	Qualification	University/Institution	Year of passing	Specialization
1	B.Sc.	M.G. University Kottayam Newman College Thodupuzha	2011	Mathematics	
2	M.Sc.	M.G. University Kottayam Newman College Thodupuzha	2013	Mathematics	

Experience

Sl.	No	Name of the college/Industry	Designation	Experience	Years	Months
1		Newman Colege Thodupuzha	Guest			

Lecturer 1 year and 1 month

Anuja George SJCET Palai Anuja George Software Development Center 20240718T03:54:0500:00
Dr. Anuja George Assistant Professor Department of Electronics and Communication Engineering
Mobile Number: 91 9048409677 Email: anujageorgesjcetpalai.ac.in Date of joining SJCET:
03012012 Association with the institution: Regular Education Experience Memberships FDP
Publications Education Sl.NoQualificationUniversityYear of passingSpecialization 1 B.Tech M.G
University 2009 Electronics and Communication Engineering 2 M.Tech M.G University 2011 VLSI
and Embedded Systems Experience Date of joining SJCET : 03032012 Status as on date of joining
: Assistant professor Present status : Assistant professor Memberships Sl. NoName of
InstitutionType of MembershipMembership ID 1 ISTE LIFETIME LM 90175 FDP Sl. NoName of
TrainingWorkshopYear Date DurationOrganizer 1 SelfSponsored Faculty Development Program On
Chip Design Chip2023 37 July 2023. NIT Calicut In Collaboration With IBM 2 VLSI Architectures for
Digital Signal Processing Systems VADSPS21 1418 June, 2021 NIT, Calicut 3 Research Trends in
Multimedia and Multirate Signal Processing RTMMSP 18 June 4 9, 2018 NIT, Calicut Under
twinning with Govt. Engineering College Bharatpur 4 CMOS, Mixed Signals Radio Frequency VLSI
Design 30th Jan to 4th Feb,2017 IIT,Kharagpur 5 Embedded Design Using ARM and ARDUINO
18112015 to 24112015 Saintgits College of Engineering and Technology, Kottayam 6 Wireless
Communication Networks 24th to 28th Nov 2014 Adi Shankara Institute of Engineering and
Technology 7 Signals Systems 2nd to 12th Jan, 2014 IIT,Kharagpur 8 Advanced Digital Signal
Processing 18th to 22nd Nov, 2013 TKM College of Engineering 9 Electronics in Medical Diagnosis
6th to 17th May 2013 Albertian Institute of Science and Technology AISAT, Kalamassery 10
Introduction to research methodologies 25th June to 4th July 2012 IIT, Bombay Publications
Sl.NoTitle of PaperName of journalPublisherYear, Volume ISSNISBN No. 1 HardwareEfficient DWT
Architecture for Image Processing in Visual Sensors Networks IEEE Sensors Journal 235,
pp.53825390,March 2023 2 FPGA Implementation of EEG Feature Extraction and Seizure
Detection International Journal of Innovative Research in Science, Engineering and Technology Vol.

5, Issue 9, September 2016 3 Speedy Convolution Using Reversible Vedic Multiplier International Journal of Scientific and Research Publications Volume 6, Issue 9, September 2016 4 Design and validation of SHA 384 IP core International Journal of Computer Science Technology VOL5.31, September, 2014 5 A Novel IEEE 754 Standard Floating Point Unit Comprising Fused AddSubtract Unit IJAREEIE Vol. 2, Special Issue 1, December 2013 6 A Novel Design of Low Power, High Speed SAMM and its FPGA Implementation International Journal of Computer Applications IJCA Volume 43 No.4, April 2012 7 A Novel Low Power Design of SRAM Cell And Its Performance Analysis International Journal of Computer Applications IJCA 2011

Dr. Amrutha P. Thankachan SJCT Palai Dr. Amrutha P. Thankachan Software Development Center 20230714T10:09:0600:00 Dr. Amrutha P. Thankachan Assistant Professor Department of Science and Humanities Mobile Number:9446968313 Email:amruthasjcetpalai.ac.in Education Experience Publications SeminarsWorkshops Guided Projects Books Monograph Online Certifications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 BSc Mahatma Gandhi University C M S College Kottayam 2009 Chemistry 2 MSc Mahatma Gandhi University School of Chemical Science 2011 Chemistry 3 PhD Mahatma Gandhi University School of Chemical Science 2017 Chemistry Experience Kuriakose Elias College, Mannanam Lecturer in Chemistry F.D.P. Substitute Aug 2017Aug 2019 Bishop Chulaparambil Memorial College for Women, Kottayam Lecturer in Chemistry Guest June 2016March 2017 St. Josephs College of Engineering and Technology, Palai 1st Dec 2020 till date Publications INTERNATIONAL PUBLICATION Sl.NoPublication 1 Synthesis of substituted benzofurans and indolesby Zncatalyzed tandem Sonogashiracyclization strategy Amrutha P. Thankachan, K. S. Sindhu, S. M. Ujwaldev and Gopinathan Anilkumar, Tetrahedron Lett., 2017, 58, 536540 2 Synthesis of Diaryl and Arylalkyl Sulfides via ZincCatalyzed Thioetherification Reactions Amrutha P. Thankachan, K. S. Sindhu, K. Keerthi Krishnan and Gopinathan Anilkumar, The Chemist, 2016, 89, 919 3 Experimental and Mechanistic Exploration of ZnCatalyzed Sonogashiratype CrossCoupling Reactions Amrutha P. Thankachan, Thoppilan. G. Abi, K. S. Sindhu and Gopinathan Anilkumar, ChemistrySelect, 2016, 1,

34053412 4 A novel and efficient zinccatalyzed thioetherification of aryl halides Amrutha P. Thankachan, K. S. Sindhu, K. Keerthi Krishnan and Gopinathan Anilkumar, RSCAdvances, 2015, 5, 3267532678 5 An efficient zinccatalyzed crosscoupling reactions of aryl iodides with terminal aromatic alkynes Amrutha P. Thankachan, K. S. Sindhu, K. Keerthi Krishnan and Gopinathan Anilkumar, Tetrahedron Lett., 2015, 56, 55255528 6 An Overview of ZnCatalyzed Enantioselective Aldol type CC bond formation Amrutha P. Thankachan, S. Asha, K. S. Sindhu and Gopinathan Anilkumar, RSCAdvances, 2015, 5, 6217962193 7 Recent advances in the synthesis, transformations and applications of 1,1dihalocyclopropanes Amrutha P. Thankachan, K. S. Sindhu, K. Keerthi Krishnan and Gopinathan Anilkumar, Org. Biomol. Chem., 2015, 13, 87808802 8 Ironcatalyzed Sonogashira type crosscoupling reaction of aryl iodides with terminal alkynes in water under aerobic conditions K.S. Sindhu, Amrutha P. Thankachan, Anns Maria Thomas and Gopinathan Anilkumar, ChemistrySelect., 2016, 3, 556559 9 An efficient ironcatalyzed Sarylation of aryl and alkylthiols with aryl halides in presence of water under aerobic conditions K.S. Sindhu, Amrutha P. Thankachan, Anns Maria Thomas and Gopinathan Anilkumar, Tetrahedron Lett., 2015, 56, 49234926 10 Recent developments and applications of CadiotChodkiewicz reaction K. S. Sindhu, Amrutha P. Thankachan, P. S. Sajitha and Gopinathan Anilkumar, Org. Biomol. Chem., 2015, 13, 68916905 11 Recent advances and perspectives in the synthesis of heterocycles via carbenes K. Keerthi Krishnan, Amrutha P. Thankachan and Gopinathan Anilkumar, Tetrahedron, 2015, 71, 23312347 12 A novel zinccatalyzed CadiotChodkiewicz crosscoupling reaction of terminal alkynes with 1bromoalkynes in ethanol solvent K. Keerthi Krishnan, S. M. Ujwaldev, Amrutha P. Thankachan, Nissy Ann Harry and Gopinathan Anilkumar, MolecularCatalysis, 2017, 440, 140147 13 Recent developments and perspectives in the rutheniumcatalyzed olefin epoxidation S. M. Ujwaldev, K. S. Sindhu, Amrutha P. Thankachan and Gopinathan Anilkumar, Tetrahedron, 2016, 72, 61756190 14 Recent advances in coppercatalyzed CS crosscoupling reactions S. Asha, Anns Maria Thomas, Amrutha P. Thankachan and Gopinathan Anilkumar, ARKIVOC, 2015, 1, 128 15 A Competent znlBINOL Catalytic System for CS Crosscoupling Reactions Bridgit James and Amrutha P. Thankachan, NEW NUMBERS LETTERS, 2018, 9, 15 ISSN No: ISSN23208317 16 Recent

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November 2014 Participated in a National seminar on Transcending Frontiers in Chemistry Conducted at National Institute for Interdisciplinary Science and Technology NIIST on 911 October 2014 Participated in 27th Kerala Science congress Conducted at Alapuzha, Kerala on 2729 January 2015 Participated in National Seminar on Chemistry for Tomorrows world Conducted at B. K. College Amalagiry, Kottayam on 2223 January 2015 Participated in 25th Swadeshi Science congress Conducted at Sanskrit University, Kalady, on 1618 December 2015 Participated in National Seminar on Advanced Topic in ChemistryATC 2015 Conducted at S. N. College, Nattika, Thrissur on 1920 August 2015 Participated in 31st Kerala Science congress Conducted at Fathima Matha College, Kollam, 0203 February 2019 Kerala KTU sponsored online FDP on Outcome Based Education with Assessment and Evaluation, from 26th July to 30th July 2021 organized by Dept. of Electronics and Communication Engineering, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala. 11.FDP conducted by NPTEL on Introductory Organic Chemistry II from JulySeptember 2021 FDP conducted by NITTTNPTEL on Orientation Towards Technical Education and Curriculum Aspects from MayJuly 2022 FDP conducted by NITTTNPTEL on Professional Ethics and Sustainability from AprilJune 2023 14. Participated in National Symposium onMagnetic Resonance:Theory, Instrumentation and ApplicationsConducted by Magnetic Resonance Society Kerala Dept. of Chemistry Govt. College Nattakom on 2325 June 2023 Guided Projects SCIENTIFIC PROJECTS SUPERVISED COMPLETED Development of Et₂Znbased catalytic system for the formation of CC and CS bonds with the aid of nitrogen nitrogen, nitrogenoxygen and oxygen nitrogen containing bidendate ligands Kerala State Council for Science Technology and Environment KSCSTE, Trivandrum, Kerala 20182019 M SC PROJECTS GUIDED Investigating the Scope of Coll Catalyst in CO Crosscoupling Reactions K E College, Mannanam, Kottayam June 2018 ZnIIBINOL Catalytic System for CarbonSulfur Crosscoupling Reactions K E College, Mannanam, Kottayam June 2019 Zntran1,2Diaminocyclohexane Complex For The Synthesis Of Substituted Diaryl Acetylenes And Benzofurans K E College, Mannanam, Kottayam June 2019 B SC PROJECTS GUIDED Isolation of Cholesterol and Lecithin from Various Types of Eggs B C M College, Kottayam March 2017 Isolation and Quantification of Cholesterol and Lecithin from Various

Types of Eggs K E College, Mannanam, Kottayam March 2019 Books Monograph Title of the Book: Advances in Catalysis Vol. 3 Title of the chapter: Homogeneous Rhodiumbased Hydroformylation Processes Publisher: Elsevier Online Certifications online course authorized by Georgia Institute of Technology and offered through Coursera on Write Professional Emails in English online course authorized by Coursera Project Network and offered through Coursera on Create a Virtual Classroom using Google Slides in August 2022

Dr. Ajith K Thomas SJ CET Palai Dr. Ajith K Thomas Software Development Center
20240103T06:49:0500:00 Dr. Ajith K Thomas Professor Mobile Number: 91 9446354373 Email: ajithsjcetpalai.ac.in Date of Joining:06.06.2018 Association with Institution:Regular Education Experience Memberships FDP Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 BHM Bangalore University, Bangalore Christ College Bangalore 1995 Hotel Management 2 MBA MG University, Kottayam S B College,Changanacheri 1998 Marketing 3 Ph.D ANNA University, Chennai PSGIM, Coimbatore 2014 Marketing Experience Date of joining SJ CET : 06.06.2018 Status as on date of joining : Regular Present status : Regular Previous Experience Industrial Experience : 10 years Teaching Experience : 10 Years Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Le Meridien Cochin Account Director SM 3.58 years 2 Park Inn Hotels Senior Sales Marketing Manager 0.92 years 3 The Renaissance Cochin Manager Sales Marketing 2 years 4 K Raheja Group of Hotels Assistant Sales Manager 2.17 years 5 Elite Group of Companies Assistant Manager 1.08 years Memberships Show entries Search: Sl. NoName of InstitutionType of Membership 1 North American Case Research Association: NACRA Annual Membership Showing 1 to 1 of 1 entries FDP 1Workshop on research methodologies and Application of SPSS for data analysis, Alberterian institute of Management, Kochi 2 FDP on Publication in International Journals Prairie View A M University, USA 3 Short term training programme on Linux Networking System Administration SJ CET, IPSR solutions, CSI CSEA 4 AICTE sponsored ADVANCED LEVEL intensive Training programme in IT and Management 11.02.09 25.02.09 MACFAST, Thiruvalla 5 FDP on Research in Marketing and Social Sciences 16th

to 20th July 2012. IIM Kozhikode Publications International Journals

Sl.No.	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN	ISBN No.
1	Gender Mainstreaming and Impact of SelfHelp Groups: A Study on Social Entrepreneurship through Fish Aggregating Devices in Mannancheri of Alappuzha	International Journal of Pure Applied Bioscience	International Journal of Pure Applied Bioscience	23207051 62: 7483 2018	2	The impact of visual merchandising, on impulse buying of retail customers
2	The impact of visual merchandising, on impulse buying of retail customers	Journal for research in applied science and engineering technology	Journal for research in applied science and engineering technology	2321 9653 ISSN: 2321 9653, Vol. 6	2	3
3	Satisfiers dissatisfiers in online reviews: An analysis of a luxury hotel	International Journal for advanced in management, technology and engineering sciences	International Journal for advanced in management, technology and engineering sciences	22497455, Vol. 8	1	4
4	Keyword Suggestions: An Analysis of the Big Data of Tripadvisor.com	International Journal for advanced in management, technology and engineering sciences	International Journal for advanced in management, technology and engineering sciences	ISSN: 22497455, Vol. 7	8.	5
5	Trends in Management education: An Indian story	Asian Journal of Research in Social Sciences and Humanities	Asian Journal of Research in Social Sciences and Humanities	ISSN: 22497315, Vol. 6	4.	6
6	Cocreating Luxury Hotel Services: A Framework development	Life Sci. J. Life Sci. J.	Life Sci. J. Life Sci. J.	ISSN: 10978135, Vol. 10	7.	7
7	Conceptual framework of value Cocreation	KPR International journal of Management	KPR International journal of Management	ISSN 22786104, Vol. 1	2.	8
8	Responsible Sustainable Green Business Practices: An Empirical Case Study on Successful Luxury Resorts	Asia Pacific Journal of Management and Entrepreneurship	Asia Pacific Journal of Management and Entrepreneurship	APJMER ISSN 22778098, Vol. 1	3.	9
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Bino Thomas SJ CET Palai Bino Thomas Software Development Center 20230822T03:16:5800:00 Prof. Bino Thomas Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9447383034 Email: bino.thomassjcetpalai.ac.in Date of Joining:28.06.2012 Education Experience Memberships FDPSTTP Publications Conference SeminarsWorkshops Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. COMPUTER SCIENCE AND ENGINEERING VISWAJYOTHI COLLEGE OF ENGINEERING TECHNOLOGY,VAZHAKULAM, KERALA. MAHATMA GANDHI UNIVERSITY 2009 M.Tech. COMPUTER SCIENCE AND

ENGINEERING VISWAJYOTHI COLLEGE OF ENGINEERING TECHNOLOGY,VAZHAKULAM,
KERALA. MAHATMA GANDHI UNIVERSITY 2011 Ph.D IoT Security IIIT Kottayam IIIT Kottayam
Pursuing Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Adi
Shankara Institute Of Engineering Technology,Kalady Assistant Professor January 1, 2012 June 25,
2012 Memberships Name of the InstitutionMembership IDNo CSI F8000189 ISTE LM90171
FDPSTTP Conducted an FDP on Programming in Python on 4th November 2013 at College of
Engineering, Adoor. Teaching Assistant for TwoWeek ISTE sponsored workshop on Database
Management Systems conducted by IIT Bombay from 21st to 31st May 2013 . Workshop
coordinator for ISTE EWorkshop on Creative Teaching organized by AJCET in association with
ISTE Kerala Section on 5th October 2013. Teaching Assistant for TwoWeek ISTE sponsored
workshop on Computer Networking conducted by IIT Bombay from 28th to 29th June, 2014 and
30th June to 5th July, 2014 . Workshop coordinator for ISTE EWorkshop on Steps 2 Research
organized by AJCET in association with ISTE Kerala Section on 19th 20th September 2014.
Teaching Assistant for TwoWeek ISTE sponsored workshop on Introduction to Design of Algorithms
conducted by IIT Bombay from 27th April to 30th May, 2015. Teaching Assistant for TwoWeek ISTE
sponsored workshop on Environmental Studies conducted by IIT Bombay from 2nd to 12th June,
2015. AView Coordinator for ISTE sponsored workshop on Technical Communication conducted by
IIT Bombay from 30th November to 5th December, 2015. AView Coordinator for ISTE sponsored
workshop on Engineering Physics conducted by IIT Bombay from 8th November to 18th December,
2015. Remote center and workshop coordinator for Scilab workshop on 4 May 2019 by IIT Bombay
Teaching Learning Centre ICT at IIT Bombay, organized by the Pandit Madan Mohan Malaviya
National Mission on Teachers and Teaching PMMMNTT, an initiative of the Ministry of Human
Resource Development MHRD, Government of India. Coordinated one day workshop organized by
CSI student chapter of SJCET on 3D Modelling GNOMON for students on 08022019. Finance
coordinator for FDP on Learning Management System organized by Department of Computer
Science and Engineering of St. Josephs College of Engineering and Technology, Palai in
association with Computer Society of India, SJCET Chapter from 10082020 to 15082020.

Coordinated RedHat certification program to students on RHCSA and RHCE. Publications Bino Thomas et al, 2015, Method to Enhance Image Quality and Mixing Fingerprints for Protecting Privacy, International Journal of Innovations and Advancement in Computer Science , Volume 4, Issue 10, October 2015 Jefin Liza James, Bino Thomas, A Study on Preventing Node Isolation Attack in OLSR Protocol, Elsevier Procedia Technology 25 2016 349 355 Bino Thomas et al, Cooperative Game theoretical Approach for Efficient Node Discovery in Mesh Network with Bloom Filter, International Journal of Advances in Electronics and Computer Science, ISSN:23932835, Volume 4, Issue 11, Nov2017 Achu Anna Antony, Bino Thomas, A study on Packet Loss Reduction Methods and Node Registration Method in AODV for Manet, IOP Publishing , Journal of Physics, 2018 Aswathy Thanckachan, Bino Thomas, A Study of Next Generation sequencing Data, Workflow Application and Platform Comparison , IOP Publishing , Journal of Physics, 2018. Achu Anna Antony, Bino Thomas , Enhanced Mobile adhoc Routing Technique Based on Reduction in Packet Loss, International Journal of Engineering Science and Computing, Volume 8, Issue5, May 2018. Achu Anna Antony, Bino Thomas , Packet Loss Reduction Routing Protocol for Mobile AdHoc Network Using Node Density Method, International Journal of Creative Research Thoughts, Volume 6, Issue2, April 2018. Aswathy Thanckachan, Bino Thomas, A Study of Next Generation sequencing Data, Workflow Application and Platform Comparison , IOP Publishing , Journal of Physics, 2018. Achu Anna Antony, Bino Thomas , Enhanced Mobile adhoc Routing Technique Based on Reduction in Packet Loss, International Journal of Engineering Science and Computing, Volume 8, Issue5, May 2018. Achu Anna Antony, Bino Thomas , Packet Loss Reduction Routing Protocol for Mobile AdHoc Network Using Node Density Method, International Journal of Creative Research Thoughts, Volume 6, Issue2, April 2018. Published a paper Predicting and understanding Alzheimers using Machine Learning in International Journal of Scientific Research in Engineering and Management IJSREM Volume: 03 Issue: 07 | July 2019 ISSN: 25901892 2019, IJSREM Published a paper A Study of Next Generation Sequencing Data, Workflow, Application and Platform Comparison Published under license by IOP Publishing Ltd IOP Conference Series: Materials Science and Engineering, April 2018, Volume 396, Number 1 Bino Thomas et al, published paper

Encryption And Decryption Of Big Data Streams Using Lightweight Asymmetric Method In WSN in Journal of Emerging Technologies and Innovative Research An International Open Access , Peerreviewed, Refereed Journal, ISSN: 23495162 on 09th July 2021. Bino Thomas et al, published paper NearByMe Shared Parking System in International Research Journal of Engineering and Technology IRJET, eISSN: 23950056, Volume: 08 Issue: 06, June 2021. Bino Thomas and et al: published paper titled ABNORMAL VEHICLE BEHAVIOR DETECTION USING DEEP LEARNING AND COMPUTER VISION in International Journal of Innovative Science and Research Technology, Volume 8, Issue 4, April 2023 Bino Thomas and et al: published book chapter in the topic Carbon Nanotubes for Page 4 of 6 Energy Applications in Carbon Nanotubes for Energy Applications published by Taylor Francis Group, LLC, 2023 Conference SeminarsWorkshops Presented paper on Data Hiding in combined Clod Computing and Wireless Sensor Networks Based on Bloom Filter, at International Conference on Computer Science and Information Technology ,CSIT2011 organized by IRNet, Bangalore 24th to 25th July 2011. Presented paper on MultiAgent Network Security Audit System on Cloud Computing, at International Conference on Leading Beyond Horizon: Engaging Future organized by Annamalai University, 28th to 30th July 2011. Presented paper on Secure Authentication Protocol for Variable Length Feature Vectors, at National Conference on Envisioning The Future: Emerging Trends in Management and Information Technology organized by Chinmaya Institute , Kannur, 15th to 16th December 2011. Presented paper on Instruction set architecture simulator for 16bit floating point processor, at International Conference on Changes and Challenges in Commerce, Engineering , Technology and social science at MCCIA, Pune , 55th May 2013 Presented paper on A Study on IntraCluster Key Management Techniques in Hierarchical WSNs , at National Conference on Recent advances in Computer Science Information technology, March 2014 at St. Josephs College of Engineering and Technology, Palai. Presented paper on Biometric Identification on Identical Twins: A Survey , at National Conference on Advanced Trends in Computing and Communication,13th March 2014 organized by Christ knowledge City, Muvattupuzha. Presented paper on Mixing Fingerprint : A Survey , at International conference ICCEECON 2K15, 22nd April 2015 organized by Christ knowledge City, Muvattupuzha. Presented

paper on Analysis of Effective Biometric Identification on Monozygotic Twins , at IEEE International conference on Softcomputing and Network Security organized by SNS College in association with Kyungppook National University, South Korea from 25th to 27th February 2015 Presented paper on Review on Latent Finger Print Matching Techniques , at IEEE International conference on Softcomputing and Network Security organized by SNS College in association with Kyungppook National University, South Korea from 25th to 27th February 2015 Presented paper on Mixing fingerprints and method for fingerprint image enhancement, at International conference on Recent Trends in Computing and Communication organized by Cochin College of Engineering Technology, on 16th June 2015. Presented paper on Cooperative Game Theoretical Approach for Efficient Node discovery in Mesh Network with Bloom Filter, at International Conference on Industrial Electronics and Computer Science organized by IRAJK Research form in association with Sotuh Asian Research Center, on 24th September 2017. Presented paper on A Study on Preventing Node Isolation Attack in OLSR Protocol, at RAEREST 2016 held at Josephs College of Engineering and Technology, Palai from 22nd to 23rd April 2016. Presented paper on A study on Packet Loss Reduction Methods and Node Registration Method in AODV for Manet, at RAEREST 2018 held at Josephs College of Engineering and Technology, Palai from 20th to 21st April 2018. Presented paper on A Study of Next Generation sequencing Data, Workflow Application and Platform Comaprison , at RAEREST 2018 held at Josephs College of Engineering and Technology, Palai from 20th to 21st April 2018. Attended national seminar on The impact of IT on the human moral values amongst software engineers at VISWAJYOTHI COLLEGE OFENGINEERING TECHNOLOGY, VAZHAKULAM, KERALA from 7th to 8th April, 2008. Attended national conference on Computing and Communication 2011 at School of Computer Sciences at Mahtma Gandhi University from 26th to 27th May, 2011. Attended Sate Student Convention by CSI at MACFAST from 16th to 17th September 2011. Attended Induction Training Program on Teaching Excellence and Methodologies by ISTE Kerala Section at GEC Thrissur from 2nd to 7th July, 2012. Attended Induction Training Program on Teaching Excellence and Methodologies by ISTE Kerala Section at GEC Thrissur from 2nd to 7th July, 2012. Attended Induction Training Program on Teaching

Excellence and Methodologies by ISTE Kerala Section at GEC Thrissur from 2nd to 7th July, 2012. Attended workshop on Writing Effective Conference Papers by IIT Bombay at Josephs College of Engineering and Technology, Palai from 18th to 19th February, 2012. Attended workshop on Aakash for Education by IIT Bombay at Josephs College of Engineering and Technology, Palai from 10th to 19th November, 2012. Attended workshop on Theory of Computing at Jyothi Engineering College, Cheruthuruthy from 4th to 5th April, 2013. Attended workshop on FEEL Teacher at Josephs College of Engineering and Technology, Palai from 12th to 14th December, 2013. Attended workshop on IBM SEED Program at Josephs College of Engineering and Technology, Palai by IBM from 5th to 8th March, 2014. Attended coordinator workshop on C Programming at IIT Bombay from 21st to 26th April, 2014. Attended workshop on Technical Communication by IIT Bombay at Josephs College of Engineering and Technology, Palai from 8th October to 5th December, 2015. Attended ISTE state convention on Moulding Engineers for Make in India at M Dasan Institute of technology, Kozhikode on 19th November 2016. Attended FDP on Research methodology at Musaliar College Pathanamthitta on 18th May, 2016. Attended workshop on Purse, Publish, Prosper organized by ISTE Staff Chapter at Josephs College of Engineering and Technology, Palai on 30th March, 2016. Presented a paper titled Review on different techniques and approaches for Automatic Alzheimers Detection at the 3rd International Conference on Trends in Electronics and Informatics ICOEI2019 organized by SCAD College of Engineering and Technology on 23-25 April 2019 at Tirunelveli, India. Presented a paper titled A Study of Image Classification using Machine learning A Systematic Approach in International Conference on Innovative Trends in Science and Technology ICITST2018 at Sarabhai Institute of Technology Trivandrum November 2018. Completed FDP in Programming in Java by NPTEL in 28th April 2019. Attended webinar on A Fun Approach to Object Oriented Programming organized by Computer Society of India Trivandrum Chapter on 16.04.2020. Attended workshop on Improving Research Planning Skills at Technical Institute held on 28th April 2020, by Elsevier. Attended webinar on Simulation tools for Innovative research by Department of Computer Science and Engineering, Velammal Engineering College on May 5, 2020. Attended and completed the 6 days AICTE sponsored STTP on Data Analytics Machine Learning organized by Department of

Computer Science and Engineering, Amal Jyothi college College of Engineering, Kanjirapally, Kerala from 3rd August ,2020 to 9th August,2020. Attended and completed the 6days AICTE sponsored STTP on BLOCKCHAIN FUNDAMENTALS organized by Department of Computer Science and Engineering, Saintgits College of Engineering, Kottayam, Kerala from 24th August ,2020 to 29th August,2020. Attended and completed the 5 days TEQIP sponsored FDP on Python for Machine Learning organized by Department of Computer Science and Engineering, Amal Jyothi college College of Engineering, Kanjirapally, Kerala from 14th September to 18th September,2020. Attended and completed the 6days AICTE sponsored STTP on Data Analytics Machine Learning Tools Phasellorganized by Department of Computer Science and Engineering, Amal Jyothi college College of Engineering, Kanjirapally, Kerala from 17th August ,2020 to 22nd August,2020. Attended and completed the 6days AICTE sponsored STTP on BLOCKCHAIN APPLICATIONSorganized by Department of Computer Science and Engineering, Saintgits College of Engineering, Kottayam, Kerala from 5th October,2020 to 10th October,2020. Provided handson workshop on Zotero A Free and Open Source Reference Management Software for final year B.Tech and M. Tech students of the CSE Department on November 14, 2020. Organized webinar on Introduction to Immersive Technology in association with CSI Chapter of SJCET, Palai on 2nd January 2021. Organized a webinar in association with CSI students chapter for students of the CSE Department on the topic Why contributing to the Open Source World would be better on Saturday 8th August 2020 Organized a webinar on UIUX Design in association with CSI Student Chapter of SJCET Palai on 3rd October 2020. Coordinated a National Webinar to academic institutes in India on Accreditation and Placement Benefits by establishing Red Hat Academies in HEIs organized by the Red Hat academy of SJCET Palai, in association with Red Hat India, on 03rd June 2021. Organized and coordinated the webinar on Professional Communication Skills in association with the Computer Society of India CSI Student Chapter of SJCET Palai, on 27th June 2021. Organized and coordinated the webinar on SKILL DEVELOPMENT AND LIFE LONG LEARNING in association with the CSI Students chapter, on 10th February 2022. A GLIMPSE INTO THE WORLD OF MEDIA AND ENTERTAINMENT INDUSTRY in association with the CSI Students chapter, on 19th February

2022. Organized and coordinated the webinar on Let us AI A Story on Artificial Intelligence in association with the CSI Students chapter, on 12th March 2022. Presented a paper titled Review On Lightweight Cryptographic Methods For Resource Constrained Devices in the International Virtual Conference Recent Innovations in Science Technology RIST 2021 conducted on 19th 20th June 2021 Organized by ERANAD Knowledge city Technical campus, Malappuram. Participated in the 10Days National FDP on Unleashing Emerging Research Trends and Advancements in Computer Science, organized by School of Computer Science and Engineering, VITAP University, Amaravati from 4th July to 14th July 2022. Participated in Foreign Guest Lecture on 5.0 Industrial Revolution, organized by School of Computer Science and Engineering, VITAP University, Amaravati on 9th July 2022. Participated in online Five Day FDP on Blockchain Solution Architect organized under scheme of financial assistance for setting up of Electronics and ICT Academics by Electronics and ICT Academy, NIT Patna ,5th September to 11th September, 2022. Attended online FDP on FDP for Young Faculty Members of Higher Education Institutions organized by St. Aloysius College Elthuruth, Thrissur on 19.12.2022. Attended Author Workshop organized by APJAKTU in association with Elsevier on Understanding Research Matrices and Elseviers Science Direct on Tuesday 22 November, 2022 Attended One Week Faculty Development Program FDP on Cloud Computing and its Applications organized by Department of CSE, G. PULLA REDDY ENGINEERING COLLEGE Autonomous, Kurnool held from 28th Nov to 3rd Dec 2022. Attended One Week National Level FDP on Societal Applications of Machine Learning, organized by Department of CSE, Shri Vishnu Engineering College for Women A, Bhimavaram, held from 2630 December 2022. Attended One Week FDP on Blockchain Technology Its Applications, sponsored by APJAKTU and organized by Department of CSE, Josephs College of Engineering Technology, Palai, held from 1620 January 2023. Presented paper titled College Bus Security and Management System at NATIONAL CONFERENCE ON RESEARCH IN EMERGING AREAS NACORE2023, organized by Amal Jyothi College of Engineering, Kanjirappally, Kerala in association with Kottayam ACM Professional Chapter, held from April 2628 Presented paper titled Prediction Model of Heart Disease for a Clinical Decision Support System at NATIONAL CONFERENCE ON RESEARCH IN

EMERGING AREAS NACORE2023, organized by Amal Jyothi College of Engineering, Kanjirappally, Kerala in association with Kottayam ACM Professional Chapter, held from April 26-28. Attended One Week International FDP on Unleashing Emerging Research Trends and Advancements in Computer Science 2.0, organized by School of Computer Science and Engineering, VITAP University, Amaravati from 24th July to 28th July 2023. Participated in FiveDay International Workshop on Computational Intelligence 2023 IWCi23 organized by Amrita School of Artificial Intelligence, Coimbatore from 07.08.2023 to 11.08.2023.

Dr. George Tom Varghese SJ CET Palai Dr. George Tom Varghese Software Development Center
20240924T03:22:0500:00 Dr. George Tom Varghese Associate Professor Dean Academics II
Department of Computer Science and Engineering Mobile Number: 91 9437777895 Email:
georgetomvarghesesjcetpalai.ac.in Date of joining SJ CET : 17062009 Association with the
institution: Regular Education Experience Memberships FDP Journals Publications International
Conferences Session Chair Lectures Delivered Conferences Seminarworkshops organized
Education Sl.No Qualification University Institution Year of passing Specialization ClassCGPA 1
B.Tech Cochin University of Science And Technology College of Engineering, Chengannur 2006
Electronics and Communication 72.98 2 M.Tech NIT, Rourkela NIT, Rourkela 2009 VLSI Design
Embedded Systems 9.77 First Rank 3 Ph.D NIT, Rourkela NIT, Rourkela 2015 VLSI Design
Experience Date of joining SJ CET : 17062009 Status as on date of joining : Senior Lecturer Present
status : Associate Professor Memberships Sl. No Name of Institution Type of Membership
Membership ID 1. ISTE LIFE MEMBER LM64510 FDP Sl. No Name of TrainingWorkshop Year Date
Duration Organizer 1. Digital System Design using Verilog HDL 19th April 2010 30th April 2010
DOEACC CENTRE, CALICUT Journals Sl.No Title of Paper Name of journal Publisher Year,
Volume ISSNISBN No. 1. A Low Power Reconfigurable Encoder for Flash ADCs Procedia
Technology ELSEVIER Volume 25, 2016, Pages 574581 2. Low power Wallace tree encoder for
Flash ADC IOP Science: Materials Science and Engineering, Materials Science and Engineering,
Volume 396, Number 1 Publications 1 International Journals 2 National Journals 3 International

conference 4 National Conference 4 BooksBook chaptersMonograph Published a book on PreCommission Tests and Commissioning of Electrical Installations International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1. A high speed encoder for a 5GSs 5 bit flash ADC ICCCNT July 2012 2. A high speed low power encoder for a 5 bit flash ADC ICGT December 2012 3. An ultralow power encoder for 5 bit flash ADC ICEVENT January 2013 4. Negative body biased comparator Design for Biomedical applications IEEE international conference on intelligent computing, instrumentation and control technologies July 2017 5. Design of optimum power, delay efficient level shifter for biomedical applications IEEE international conference on intelligent computing, instrumentation and control technologies July 2017 6. Thermometer code to Binary code Converter for Flash ADC A Review ICCPCCT April 2018 7. Design of Low Power and High Speed Modified Preamplifier based Comparator using 180 nm Technology ICCPCCT April 2018 Session Chair Sl. No Name of Conference Year Duration Organizer 1. IEEE international conference on Next Generation Intelligent Systems ICNGIS2016 1st September to 3rd September 2016. Rajiv Gandhi Institute of Technology, Kottayam Lectures Delivered Sl. No Title Topic Year Duration Organizer 1. Implementation of a novel flash ADC for UWB applications 14th to 15th July 2016. Two day national conference NACOSPACE16 held in college of Engineering, Thalassery 2. Low power VLSI 6th September 2016 College of Engineering, Thalassery 3. Advancements in Digital System Design 28th October 2017 Rajiv Gandhi Institute of Technology, Pampady. Conferences Seminarworkshops organized Sl. No Title Topic Date Duration Sponsors 1 ISTE STTP on CMOS, Mixed Signal and Radio frequency VLSI Design 30th January2017 4th February 2017 ISTE

Ance Mathew SJCET Palai Ance Mathew Software Development Center 20231025T05:32:1300:00 Dr. Ance Mathew Associate Professor Head Department of Civil Engineering Mobile Number : 91 9446459146 Email : hodcesjcetpalai.ac.in Date of Joining :06062003 Nature of association : Regular Education Experience Memberships FDP PublicationsConference Awards Achievements Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Kerala

University CET,TVM 1988 Civil Engineering 2 M.Tech Anna University The Rajaas Engg. College
2012 Construction Engg and Management. 3 Ph.D Kalasalingam Academy of Research and
education Kalasalingam Academy of Research and education 2023 Performance Evaluation of
Glass and Bamboo Fibre Reinforced Concrete by using Taguchi Method and Emperor Penguin
Optimizer. Experience Date of joining SJ CET :06062003 Status as on date of joining :Lecturer
Present status : Assistant Professor Previous Experience Teaching Experience : 18 years Sl.
NoName of the collegeIndustryDesignationExperience Years Months 1 RIT Pampady, Kottayam
Lecturer 3 year 2 St.Josephs College of Engineering And Technology Assistant Professor From
06062003 till now Memberships ASCE ISTE FDP Five days Online Faculty Development
Programme on Advancements in Geotechnical Engineering AGE 2021 organised by Department of
Civil Engineering, National Institute of Technology Calicut ,22nd 26th November, 2021. Five days
International Faculty Development Programme on Advancement of Technology in Civil Engineering
organised by Department of Civil Engineering, Anand International College of Engineering,
Jaipur,28th February 05th March 2022. PublicationsConference Journal Properties Of Concrete
Incorporating Bamboo And Glass Fibre : International Journal Of Civil EngineeringTechnology
IJCIET Performance Evaluation Of Bamboo Reinforced Concrete Beam : International Journal Of
Civil Engineering Technology IJCIET Chemical Resistance And Tensile Properties Of Bamboo And
Glass Fibres Reinforced Epoxy Hybrid CompositesIJCIET Experimental investigation and prediction
on the effects of glass and bamboo fibers as key mixture parameters in reinforced concretes using
support vector regression:Structural Concrete. 2021114.2021 International Federation for Structural
Concrete PROPERTIES OF CONCRETE INCORPORATING BAMBOO AND GLASS
FIBRE.International Journal of Civil Engineering and Technology IJCIET Volume 8, Issue 7, July
2017, pp. 613619 PERFORMANCE EVALUATION OF BAMBOO REINFORCED CONCRETE
BEAM International Journal of Civil Engineering and Technology IJCIET Volume 10, Issue 01,
January 2019, pp. 25122523, Conference Development of a Methodology to Optimize the
Formulation of Concrete to Immediate Release from the Mold RIST Conference Development of a
Methodology to Optimize the Formulation of Concrete to Immediate Release from the Mold Eranad

Knowledge City Technical Campus, Malappuram, Kerala in association with ISTE Research and HEXAIND Technologies and Services. Awards Achievements Patent received for The influence of different treatments applied to flax fibres on different properties of mortar reinforced by these fibres.

Dr. Giby Jose SJCET Palai Dr. Giby Jose Software Development Center 20240417T04:31:0500:00

Dr. Giby Jose Associate Professor Head Department of Electronics and Computer Engineering

Mobile Number: 91 9446273933 Email: giby.josesjcetpalai.ac.in Date of joining SJCET : 07042018

Association with the institution: Regular Education Experience Memberships FDP Conferences

Seminarworkshops organized Publications Session Chair MOOC Courses Education SI.No

Qualification University Year of passing Specialization 1 B.Tech. Bangalore University 2001

Electronics Communication 2 M.Tech. Anna University 2005 Applied Electronics 3 Ph.D. Karpagam

Academy of Higher Education 2018 Image Processing Experience SI. No Name of the

collegeIndustry Designation Experience Years Months 1 Royal College of Engineering and

Technology, Akkikavu, Thrissur Head of the department 7 years 2 Sreepathy Institute of

Management and Technology, Vavanoor Assistant Professor 1 year 2 months 3 Adi Shankara

Institute of Engineering Technology, Kalady Lecturer 2 yrs 4 SCMS School of Engineering

Technology, Karukutty Lecturer 1 years 2 months 5 METs School of Engineering, Mala, Trichur

Lecturer 1 years Memberships SI. No Name of Institution Type of Membership Membership ID 1

ISTE Life Member LM 79438 FDP SI. NoName of TrainingWorkshopYear Date DurationOrganizer 1

Outcome Based Education and Essential AI Tools for Teachers 10012024 to 16012024 IQAC of St.

Thomas College, Pala1 in association with The Kerala State Higher Education Council 2 KTU

sponsored FDP on Recent Advancements in Intelligent Control Systems 300123 to 030223 Jyothi

Engineering College, Thrissur 3 AICTE Training and Learning ATAL Academy Online Elementary

FDP on Wearable Devices 17012022 to 21012022 St. Josephs College of Engineering and

Technology, Palai 4 AICTE Training and Learning ATAL Academy Online Elementary FDP on AI

Enabled IoT Networks 13092021 to 17092021 Adi shankara Institute of Engineering and

Technology, Mattoor, Kalady 5 AICTE sponsored six days STTP on IoT and Data Science 28th

December 2020 to 2nd January 2021 at St. Josephs College of Engineering and Technology, Palai
6 AICTE sponsored online STTP on Outcome Based Education with Assessment and Evaluation
23rd November to 28th November 2020 Sahrdaya College of Engineering and Technology,
Kodakara, Thrissur 7 Five days online FDP on Know Everything Related to Research organized in
association with IEEE and CSI chapter 23rd to 28th July 2020 Ilahia College of Engineering and
Technology, Mulavoor 8 TEQIP Phase II sponsored STTP on Simulation and Modelling of Electronic
Systems 9th to 13th December 2019 GEC, Thrissur 9 Five Days Workshop on Recent Trends in
Semiconductor Devices and MEMSNEMS RTSDM19 10th to 14th June 2019 NIT, Calicut 10 AICTE
Sponsored 3day Faculty Development Programme on Student Induction Programme 27th to 29th
May 2019 PSG Institute of Technology and Applied Research, Coimbatore 11 Two days training on
NBA accreditation organized 18th and 19th June 2018 St. Josephs College of Engineering and
Technology, Palai 12 National Seminar on How to Write an Effective Research Paper, Thesis, and
Funded Research Proposal 8th June 2017 Karpagam University, Coimbatore 13 Hands on Training
for Processing of Bio signals Using MATLAB 1st March 2017 Karpagam University, Coimbatore 14
Teaching Methodologies and Students Counseling 30th July 2016 Royal College of Engineering and
Technology, Thrissur 15 Design of Embedded Systems and Robotics 1st to 11th June 2016
Karpagam University, Coimbatore 16 Digital Image Understanding, Analysis and Processing 28th to
30th December 2015 Royal College of Engineering and Technology, Thrissur 17 National Seminar
on Engineering Challenges in 21st Century 16th December 2015 IES College of Engineering,
Thrissur 18 Three days Faculty Development Programme on Research Methodology 29th to 31st
July 2015 Government Engineering College, Thrissur 19 Three days Faculty Development
Programme on Adyapanam 2nd to 4th June 2014 ISTE chapter at Royal College of Engineering and
Technology, Thrissur 20 TwoWeek ISTE Workshop on Analog Electronics conducted by IIT,
Kharagpur 04th to 14th July 2013 Royal Engineering College, Thrissur 21 Handson Workshop on
DSP Processors 27th November 2012 Royal Engineering College, Thrissur 22 TwoWeek ISTE
Workshop on Introduction to Research Methodologies conducted by IIT, Bombay 25th June to 04th
July 2012 Royal College Engineering and Technology, Thrissur 23 National Workshop on Signal

Processing organized 26th to 27th Nov 2010 ISTE chapter at Jyothi Engineering College, Thrissur

24 Two day National Workshop on Optimization Techniques in Image Processing 30th 31st Oct 2009 Anna University, Coimbatore

25 Advanced Linux Administration and Networking 6th to 10th July 2009 Adi Shankara Institute of Engineering and Technology, Kalady

26 Signal Processing Applications 2nd to 3rd Dec 2008 AWH Engineering College, Kozhikode

27 Recent Trends in Microwave Communication 27th 28th July 2007 Model Engineering College, Kochi

Conferences Seminarworkshops organized

Sl. No	Title	Topic	Date	Duration	Sponsors
1	One day workshop on Bringing Excellence in School for the Higher Secondary Teachers		19th January 2017		Royal College of Engineering and Technology, Thrissur
2	National Seminar on Green Engineering in association with ISTE		27th February 2012		Royal College of Engineering and Technology, Thrissur
3	Workshop on LabVIEW		2nd and 3rd November 2011		Royal College of Engineering and Technology, Thrissur

Publications International Journals

Sl. No.	Title of the Paper	Name of the Journal	Publisher	Year, Volume	ISSN/ISBN No.
1	Biometric Authenticated Electronic Voting Machine	International journal for Research Trends and Innovation	International Journal for Research Trends and Innovation	ISSN:24563315	
2	Efficient Detection of Sheet Metal Defect Using KNN	Journal of Green Engineering	Scopus indexed Alpha Publishers	ISSN 22454586	Online
3	Automated Helmet Detection using Image Processing Algorithms	International Journal of Science Technology Engineering	ISSN online : 2349784X		
4	A Review on Object Identification	Pak. J. Biotechnology	Scopus indexed Pak. J. Biotechnology	EISSN: 23127791	
5	Identification of Precise Object Among Various Objects using Sparse Coding	International Journal of Computer Applications	Foundation of Computer Science	FCS	ISSN: 0975 8887
6	Identification of Precise Object Among Various Objects using Sparse Coding A Review	Pak. J. Biotechnology	Scopus indexed Pak. J. Biotechnology	EISSN: 23127791	
7	Image Identification using Compression Technique	International Journal of Computer Applications	Foundation of Computer Science	FCS	ISBN: 9789380746508
8	An Engineering Approach to Turbo Coding	International Journal of Computers, Information Technology and Engineering	Serials Publications, New Delhi	ISSN: 0973743X	
9	Identification of Precise Object Among Various Objects using Sparse Coding	Foundation of Computer Science	FCS International		

Journal of Computer Applications IJCA Vol. 154, No. 10, November 2016 ISSN: 0975 8887 2016 10

Identification of Precise Object Among Various Objects using Sparse Coding A Review Pak. J. Biotechnology EISSN: 23127791 2011 11 Image Identification using Compression Technique Foundation of Computer Science FCS International Journal of Computer Applications IJCA ISBN: 9789380746508 12 An Engineering Approach to Turbo Coding Serials Publications, New Delhi. International Journal of Computers, Information Technology and Engineering IJCITAE JanJun 2009 ISSN: 0973743X International Conferences Sl. No.Title of the PaperName of the ConferenceVenue Date 1 Non Intensive Domestic Water Flow Logging System International conference on Applied Sciences and Engineering Technology ICASET 2017 Royal College of Engineering and Technology, Thrissur 31st March 2017 2 Identification of Precise Object Among Various Objects Using Sparse Coding A Review IEEE Sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems ICII ECS 16 Karpagam College of Engineering, Coimbatore 17th and 18th March 2016 3 Design And Implementation of Smart Phone Controlled Robot Using WiFi International Conference on Technical Challenges in Instrumentation, Computer Science, Civil, Mechanical, Electronics and Electrical Engineering ICCEECON 2K16 Christ Knowledge City, Muvattupuzha 5th March 2016 4 Image Compression Technique in Personal Robotics International Conference on Advances in Communication and Computing ICACC2012 Tejaa Shakthi Institute of Technology For Women, Coimbatore 9th10th January 2012 5 Image Identification Using Compression Technique International Conference on VLSI, Communication and Instrumentation Saintgits College of Engineering, Kottayam 8th April 2011 6 Image Identification Using Compression Technique International Conference on Intelligent Systems and Control Karpagam College of Engineering, Coimbatore 4th and 5th February 2010 7 An Engineering Approach to Turbo Coding International Conference on VLSI and Communication Saintgits College of Engineering, Kottayam 17th and 18th April 2009 National Conference Sl. No.Title of the PaperName of the ConferenceVenue Date 1 Electrostatic Precipitation Using PLC National Conference on Emerging Technologies NACET 2K18 MES College of Engineering and Technology, Kunnukara 17th March 2018 2 A Review on Object Identification National Conference on Intelligent Systems in Electronic

Technologies Karpagam Academy of Higher Education, Coimbatore 09th March 2016 3 Image Compression Based on Multiwavelet Packet National Conference on VLSI, Embedded Systems, Signal Processing and Communication VESCOM Kongu Engineering College, Erode 8th April 2005 4 Multiwavelet for Image Compression National Level Technical Conference, CONET 2005 Jayam College of Engineering and Technology, Dharamapuri 4th April 2005 5 Multiwavelet and Multiwavelet Packet For Image Compression National Conference on Advances in Electrical Engineering NCAEE Bharath Institute of Higher Education and Research, Chennai 16th March 2005 Session Chair Sl. No Name of Conference Venue Year Duration 1 International conference on Applied Sciences and Engineering Technology ICASET 2017 Royal College of Engineering and Technology, Thrissur 31st March 2017 MOOC Courses Sl. No.Details of the CourseCertified by 1 Quality Assurance Through NAAC Accreditation Process Swayam online course by NITTR, Chennai 2 Accreditation of Undergraduate Engineering Program Swayam Online course By NITTR Chennai 3 Orientation Training Programme for Mentors AICTE certified 4 Digital Circuits IIT, Kharagpur 5 Teacher and Teaching in Higher Education SWAYAM ARPIT Refresher Course, Savitribai Phule Pune University

Anu V Kottath SJCET Palai Anu V Kottath Software Development Center 20220512T10:24:1800:00 Prof. Anu V Kottath Assistant Professor Department of Computer Science Engineering Mobile Number: 91 8281669490 Email: anuvkottathsjcetpalai.ac.in Education Memberships Journal and Conference Publications FDPsSTTPs MOOC Courses Education Sl.NoQualificationInstitutionSpecialization 1 Ph.D. Pursuing Hindustan University, Chennai, Tamilnadu. Deep Learning 2 M.Tech St.Josephs College of Engineering and Technology ,Palai Computer Science Engineering 3 B. Tech St.Josephs College of Engineering and Technology ,Palai Computer Science Engineering Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 Internet Society Life Time 2246642 Journal and Conference Publications International Journal Publications Anu V Kottath Prince V Jose,DIBSM: Dominance on Incomplete Big data Using Scoring method Lecture Note on Data Engineering and Communications

Technologies, Springer, Scopus Indexed, 2021 vol 59, ISSN 23674512 . Anu V Kottath Prince V Jose, Review on finding dominance on incomplete big data International Conference on Trends in Electronics and Informatics, IEEE digital library Scopus Indexed. 2325 April 2019. Anu V Kottath Angitha George, GERP: A Grid based Efficient Routing Protocol For WSN International Conference on Circuits and Systems in Digital Enterprise Technology, IEEE digital library Scopus Indexed, 02 September 2019. Anu V Kottath, A Review On Various Steps In Apple Fruit Grading International Journal of Computer Sciences and Engineering, Volume 06 , Issue 07 , Page no. 2630, sep 2018 International Conference Presented a paper entitled GERP: A Grid based Efficient Routing Protocol For WSN IEEE International Conference On Circuits and System in Digital Enterprise Technology ICCSDET18 organized by Saintgits College of Engineering, Kottayam Kerala on 21st and 22nd December 2018. Presented a paper entitled A Review On Various Steps In Apple Fruit Grading International Conference on Digital Image Processing and Biomedical Informatics SAPIENCE18 organized by Sree Narayana Gurukulam College of Engineering Kadayirippu, Kerala on 27st and 28nd September 2018. Presented a paper entitled Review on finding dominance on incomplete big data IEEE 3 rd international conference on Trends in Electronics ICOEI 2019 organized by SCAD college of engineering and technology Tamil Nadu on 2325 April 2019. Presented a paper entitled DIBSM: Dominance on Incomplete Big data Using Scoring method International Conference on Intelligent Computing and Control Systems to be held on 1517 May 2019 at Vaigai College of Engineering, Madurai, Tamil Nadu, India. FDPs STTPs Sl. No Details of the FDP STTP Remarks 1 Participated one week KTU Sponsored FDP Faculty Development Program on Artificial intelligence and Data science organized by Rajagiri School of Engineering and Technology, Kochi from 08 to 12 February 2021. Sponsored by KTU 2 Participated one Week FDP on Applications of Artificial intelligence and IOT in Engineering organized by college of Engineering , Perumon from 01 to 06 February 2021. 3 Completed one week AICTE ISTE approved FDP on Out come based education in Professional Institutions organized by St Josephs college of Engineering and Technology, palai held on 27 December 2021 1 January 2022. Sponsored by AICTE 4 Completed AICTE sponsored one week Faculty Training Programme on High Performance Computing and Deep Learning for

Image and Text Analysis organized by the Department of Computer Science and Engineering, Mar Baselios College of Engineering and Technology scheduled from 21 March 2022 to 25 March 2022. Sponsored by 5 Completed IET Sponsored 3 days Training Program on Virtual Reality and Augmented Reality organized by Hindustan Institute of Technology and Science , Chennai held on 9 March 2022 11 March 2022. Sponsored by 6 Completed 3 Day FDP on Artificial Intelligence And Data Science Organized By Department of Computer Science Engineering, Sree Narayana Gurukulam College of Engineering, From 17th to 19th march 2022. 7 Participated Webinar on Future with Artificial intelligence organized by ICCS College of Engineering ,Thrissur. MOOC Courses Sl. No.Details of the CourseCertified By 1 Successfully Completed 3 month online certification Course on Data Science for Engineers Conducted by IIT Madras and certified by NPTEL NPTEL, IIT Madras 2 Successfully Completed Share Latex online certification course conducted by IITBombay. IIT Bombay

Anup Kumar SJCET Palai Anup Kumar Software Development Center 20190112T07:02:1300:00 Prof.Anup Kumar Asst.Professor Department of Mechanical Engineering Mobile Number: 9497333783 Email:1987anupkumargmail.com Date of joining SJCET:010612 Association with the institution: Regular Education Experience Memberships FDPSTTP Attended Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech KARUNYA UNIVERSITY KARUNYA UNIVERSITY 2009 Mechanical 2 M.Tech CALICUT GEC, THRISSUR 2012 PRODUCTION Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 ST. JOSEPHS COLLEGE OF ENGG AND TECH, PALAI ASSISTANT PROFESSOR 6 YRS 1 MONTH Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE LIFE TIME FDPSTTP Attended Sl. NoName of TrainingWorkshopYear DurationOrganizer 1 Orientation Program on Engineering Graphics sponsored by TEQUIP Phase II 31st July13 Department of Mechanical Engineering, Rajiv Gandhi Institute of Technology 2 ISTE Workshop on Control Systems 2nd to 12th December14 Indian Institute of Technology, Kharagpur 3 ISTE Workshop on Fluid Mechanics 20th to 30th May14 Indian Institute of Technology, Kharagpur 4

Advanced Automobile Engineering 17th and 18th May13 St. Josephs College of Engineering and Technology, Palai 5 Moodle Fundamentals 27th 28th November14 The Department of Electronics Instrumentation Engineering College, Kidangoor 6 Pursue, Publish, Prosper 30th Mar,2016 ISTE Staff Chapter,SJCET 7 ISO 9001:2015 AWARENESS 28TH, JUNE 2018 SJCET, PALAI 8 NBA Accreditation 18th 19th June 2018 SJCET, PALAI 9 Renewable Energy Opportunities and Challenges 9th Nov. 2018 SJCET, PALAI 10 Personal Protective Equipment Training 29th, June 2018 SJCET, PALAI 11 Interactive Session with Expert on renewable Energy and Fuel Cells 21st, Apr 2018 SJCET, PALAI Publications International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Improving tool life using Cryogenic cooling for Machining Advanced Materials	ICMF 2011	GEC,THRISSUR.	2325 FEB,201
1	Enhancing Tribological Properties of PolyPropylene by Using Polyoxymethylene Copolymer and Fillers	The National Conference on Engineering Appropriate Technology	ISTE, PALAKKAD.	Sept2021, 2014

Ancy Mathew SJCET Palai Ancy Mathew Software Development Center 20240622T04:27:1100:00

Prof. Ancy Mathew Assistant Professor Department of Electronics and Computer Engineering

Mobile Number: 91 8921454722 Email:ancysjcetpalai.ac.in Education Memberships FDP Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. COMPUTER SCIENCE AND ENGINEERING College of Engineering Poonjar APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY 2021 M.Tech. COMPUTER SCIENCE AND ENGINEERING RAJIV GANDHI INSTITUTE OF TECHNOLOGY KOTTAYAM APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY 2023 Memberships ISTE FDP

Sl. No	Name of Training	Workshop	Year	Date	Duration	Organizer
1	Recent Trends in Biomedical Applications Using AI	290124 to 020224	St. Peters Institute of Higher Education and Research, Avadi, Chennai			
2	AI Trends and Industry Use Cases Contemporary and Future	250923 to 300923	FISAT			
3	Cloud Infrastructure	210823 to 250823	Saintgits College of Engineering			

Binoy Baby SJ CET Palai Binoy Baby Software Development Center 20230810T11:59:2900:00

Prof.Binoy Baby Professor Department of Mechanical Engineering Mobile Number: 9447875050

Email:hodmesjcetpalai.ac.in Date of joining:12092002 Association with the institution: Regular

Education Experience Membership Faculty Development Programme Publications Education

Sl.NoQualificationBoardUniversityInstitutionYear of passingSpecialization 1 THSLC Board of Technical Education Kerala Technical High School, Perumbavoor 1992 Electrical 2 Diploma Board of Technical Education Kerala Govt. Polytechnic, Kalamassery 1995 Mechanical Engineering 3 B.E Manormaniam Sundaranar University Indian Engineering College, Nagarcoil 1999 Mechanical Engineering 4 M. Tech Kerala University College of Engineering, Trivandrum 2002 Propulsion Engineering 5 Ph.D NIT Calicut NIT Calicut 2014 Heat Transfer Experience Sl. NoName of the collegeIndustryDesignationExperience 1 Atul Generators, Nunhai, Agra Trainee Engineer 6 Months 2 Motherson Auto Components Engineering MACE, NOIDA, UP Trainee Engineer 6 Months 3 Binani Zinc Ltd., Binanipuram, Cochin Trainee 3 Months 4 St. Josephs College of Engineering and Technology, Palai Lecturer 3 Years 5 St. Josephs College of Engineering and Technology, Palai Assistant Professor 8 Years 6 St. Josephs College of Engineering and Technology, Palai Professor Head 5 Years 7 St. Josephs College of Engineering and Technology, Palai Professor Dean 1.5 Years 8 St. Josephs College of Engineering and Technology, Palai Professor Head Till Date

Membership Name of InstitutionType of MembershipMembership ID Indian Society for Technical Education Life Member LM 1608 Faculty Development Programme Sl. NoTrainingWorkshopDurationOrganizer 1 Teaching Excellence and Methodologes 2002, Two Weeks ISTE, Thrissur 2 Internal Audit 2004, One Day ACME Quality Management Services 3 Energy and Cryogenic Engineering 2004, 2 Weeks VIT, Vellore 4 Maintaining Quality and Relevance in Engg. Education 2005, One Day SJ CET, Palai 5 Advances in Energy, Economy and Environment 2007, One Day NIT, Calicut 6 MicroNano Scale Phenomena 2008, Two Weeks NIT, Calicut 7 Nano TechnologySignificance and Applications 2008, One Day SJ CET, Palai 8 Strengthening Safety Envelop in Workplaces 2008, One Day SJ CET, Palai 9 Competitive Manufacturing Management 2009, One Day NIT, Calicut 10 Energy ManagementChallenges and

Future Prospects 2009, One Week SJ CET, Palai 11 Advances in Manufacturing and Production Management 2009, Two Day SJ CET, Palai 12 Advanced Nanomaterials 2011, One Week NIT, Calicut 13 Computational Fluid Dynamics 2012, 10 Days IIT, Bombay 14 Engineering Thermodynamics 2012, 10 Days IIT, Bombay 15 Advanced Automobile Engineering 2013, Two Days SJ CET, Palai 16 Fluid Mechanics 2014, 10 Days IIT, Kharagpur 17 Pursue, Publish and Prosper 2016, One day SJ CET, Palai 18 ISO 9001:2015 Awareness 2018, One Day Zandiz TQM Solutions Pvt. Ltd 19 Training on Personal Protective Equipment and Basic First Aid Training 2018, One Day Arbrit Safety Solutions, Bangalore 20 Recent advances in Manufacturing Engineering 2019, 5Days APJAKTU SJ CET Pala 21 Recent Advances in Fuel Cells 2019, 5Days APJAKTU SJ CET Pala 22 Guidance and Counselling 2020, 5Days AICTE Sponsored , SJ CET Palai 23 KTU FDP: Additive Manufacturing and 3D Printing 2021, 3Days KTU, SJ CET Palai Publications International Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN	ISBN No.
1	Investigations on Forced Convection in Compact Passages with Surface Irregularities	Heat Transfer Engineering	Taylor Francis	2012, Vol. 33		
2	Investigations on Forced Convection in Mesochannel with Irregular Crosssection	Journal of Thermophysics and Heat Transfer	AIAA	2013, Vol. 27		
3	Numerical Analysis of Forced Convection in a Mesochannel with an Irregular Geometry of Crosssection	International Journal of Heat and Mass Transfer	Elsevier	2014, Vol. 70		
4	Numerical Analysis of Flow through Mini Channel	European Journal of Advances in Engineering and Technology		2015, Vol. 5	ISSN: 2394658	
5	Analysis of Flow through Rectangular Mini Channel with Irregularities	International Journal of Development Research		2015	ISSN: 22309926	
6	Temperature Distribution Measurement by Michelson Interferometer	International Journal of Innovative Research in Science, Engineering and Technology		2016, Vol. 26		
7	Measurement of Temperature Distribution around a Vertical Plate by MachZehnder Interferometry	Procedia Technology	Elsevier	Year, Volume	ISSN	ISBN No.
8	Review on Performance Evaluation of Solar Photovoltaic Based Hybrid Drying systems	The International Conference on Emerging Trends in Engineering	SSRN	Yukthi	2021	
9	Experimental Investigation on Heat Transfer Enhancement in Microchannel Heat Sinks	The International Conference on Emerging Trends in Engineering	SSRN			

Electronic Journal Yukthi 2021 10 Review on fabrication and experimental study of microchannel heat sinks for cooling of electronic components Materials Today Proceedings ELSEVIER Volume 72, Part 6, 2023, Pages 2985-2991 National Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 Design, Analysis and Fabrication of a Coconut Dehusking Machine Journal of Engineering and Management SJCET 2015, Vol.8, ISSN: 2394-647 National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Parametric Study and Thermal Evaluation of Hydrogen Cooled Thrust Chambers for Liquid Air Cycle Rocket Engine Regional Conference on Engineering and Technology College of Engineering, Thiruvananthapuram, 2001 2 Numerical Analysis of Flow through Mini Channels, , St. Josephs College of Engineering and Technology, Palai January 7, 1900 SJCET, Palai, 2013 3 Temperature Distribution Measurement by Michelson Interferometer International Conference on Emerging Trend in Mechanical Engineering Toc H Institute of Science and Technology, Ernakulam, 2015

Denix M Sebastian SJCET Palai Denix M Sebastian Software Development Center 2019 0105T04:39:2500:00 Prof. Denix M Sebastian Assistant Professor Department of Mechanical Engineering Mobile Number: 8281290634 Email: denixmsebastian@gmail.com Education Experience Faculty Development Programme Education Sl.No Qualification University Year of passing Specialization 1 B.Tech KERALA 2009 Mechanical 2 M.Tech NIT 2014 Materials Engineering Experience Industrial Experience : 1.5 Years Teaching Experience : 5.9 Years till Date Sl. No Name of the college Industry Designation Experience Years Months 1. Tata Motors, Dharwad, Karnataka Asst. Manager 1 Year 6 Months 2. Mar Baselios Christian College of Engineering Technology Peermade Asst. Professor 4 Years Faculty Development Programme Sl. No Name of Training Workshop Year Date Duration Organizer 1. Workshop on NBA accreditation 2018 2 Days SJCET Palai 2. Educational Utilization of Indian Standards 2018 1 Day SJCET Palai 3. Workshop conducted on Climate Change 2018 1 Day SJCET Palai 4. Workshop on Pursue, Publish, Prosper 2016 1 Day SJCET Palai 5. Eicher Hands On Heavy Duty Vehicle Training Program 2017 5 days Amal Jyothi Eicher Centre for Automobile Technology 6. ISTE workshop on Thermodynamics 2011

Artificial Intelligence And Data Science SJCT Palai Artificial Intelligence And Data Science Software Development Center 20230426T09:53:4600:00 Incorrect slider name. Please make sure to use a valid slider slug. About the Department The Department of Artificial Intelligence and Data Science was incepted in the year 2020 offering B.Tech Programme in one of the state of the art specializations, AIDS. The Programme is approved by AICTE, APJ Abdul Kalam Technological University KTU, and the Government of Kerala. DEPARTMENT VISION AND MISSION DEPARTMENT VISION AND MISSION The Department mission is to produce engineering graduates with a sound understanding of the fundamentals of the theory and practice of Artificial Intelligence, Machine Learning and Data Science tools and techniques for arriving at meaningful insights from big data. The department intends to enable the students to become leaders in the industry and academia, both nationally and internationally, and to meet the pressing demands of the nation in the areas of Artificial Intelligence and Data Science. PROGRAM DETAILS Artificial Intelligence and Data Science Artificial intelligence AI is the simulation of human intelligence processes by machines, especially computer systems. Intelligence, the ability to learn and the ability to make decisions based on what we have already learnt, is what makes humans stand apart from all other living beings. AI is thus an interdisciplinary research field, which tries to impart intelligence in machines be it anything so that it can take learned decisions autonomously, thus making the world a better place. Data science DS, being the science of extracting meaningful information from the huge sea of data available today, is an integral part of AI. It is, in fact, DS that helped in the revival of AI as an engineering stream lately. This branch of study deals with scientific methodologies, processes, and techniques drawn from different domains of engineering science statistics, cognitive science, computing, health science, information science, etc. to extract knowledge from structured data and unstructured data. This trending specialized branch deals with the development of datadriven solutions, data visualization tools, and techniques to analyze big data. It also incorporates the concepts of machine learning and deep learning model building for

solving various computational and realworld problems. Artificial Intelligence and Data Science is a suitable course for those desirous of developing various intelligent engineering systems and business solutions. Big data solutions have changed the way in which business models are built and run. In this programme, you will learn how to design, create and implement AI and DSbased software solutions to solve actual engineeringbusiness problems. This programme helps to explore concepts such as AI, Data Analytics, Data visualization, Machine Learning, Deep Learning, semantic web and social network analytics, Blockchain Technologies, and Data Security Privacy, etc.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS IEEE IEEE opens the door to opportunities that will help students to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers.

ADSA Artificial intelligence and Data Science Students Association The Department of Artificial intelligence and Data science is a newly involved department of this Institution. Education is simply the soul of a society as it passes from one generation to another. Commemorating the quote of a famous American civil rights activist, A word as to the education of the heart, we dont believe that this can be imparted through books, it can only be imparted through the loving touch of the teacher, ADSA was proposed with the objective to organize various activities that consists of drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department.

INITIATIVES BEYOND THE CLASS ROOM

Mentor System Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with students, orients them to college practices, follows their progress regularly and guides them throughout the fouryear course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps the parents to keep track of their child and their academic performance.

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as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the fouryear engineering course. To help our students from such situations, remedial classes are provided by the AI DS department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease. Placement Training Department offers intense placement training on regular basis. LEARNING MANAGEMENT SYSTEM Learning Management System LMS designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. Visit Here NPTEL Local chapterNPTEL Local chapter NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. Coursera Campus Response Initiative Courseras mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJCET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost.

OUR STRENGTH

Angitha George SJCET Palai Angitha George Software Development Center
20220506T05:33:2800:00 Prof. Angitha George Assistant Professor Department of Computer
Science Engineering Mobile Number: 91 9495664428 Email: angitha.georgesjcetpalai.ac.in Date of
Joining:01.07.2011 Education Memberships STTPSeminarsWorkshops Publications NPTELMOOC

Courses	Education	Degree	Specialization	Institution	University	Year of Passing
B.Tech. CSE	COLLEGE OF ENGINEERING,	KIDANGOOR	CUSAT	2009	ME	CSE
PSNA,	DINDIGUL	ANNA	UNIVERSITY	2011	Memberships	Name of the Institution
Membership ID	No	ISTE	LM	90148	STTP	Seminars
Workshops	Participated in	KTU sponsored	FDP on	Practical	Data Science	from 19th
July 2021 to 23rd	July 2021.	Participated in	AICTE sponsored	STTP on	Guidance and	Counselling
from 8th Feb 2021 to 13th	Feb 2021.	Participated in	an online	KTU Sponsored	FDP	Business
Analytics and	Data Science	from 15th to 19th	March 2021.	Participated in	AICTE sponsored	STTP
on IoT based	Manufacturing and	Design	Challenges and	Opportunity	from 14th	19th Dec 2020.
Participated in	RAEREST 2018 ,	2nd International	Conference	during 20th and 21st	April 2018,	organized at
SJCET,Palai.	Attended a	workshop on	Data Analytics and	Information Security	at RIT	during February 14 to 16,2018
Participated in	cySec3 ,	seminar cum	workshop at	M.G university	on	3rd
Participated in	ICRTCC 2015 ,	1ST International	Conference	on 16th	June 2015.	Participated in
2 week	ISTE	STTP on	Introduction to	Design of	Algorithms	conducted by
IIT,Kharagpur	from 27th to	30th	May 2015.	Participated in	ICCEECON 2k15	organized by
Christ Knowledge	City	held on	April	22nd	Participated in	NATCCOM 2k14
organized by	Christ Knowledge	City	held on	13th	March 2014.	Participated in
2 days	workshop titled	Big Data	Analytics with	MongoDB	held on	28th 29th
October 2014	at AISAT.	Participated in	2 days	ISTE eSeminar	organized by	Dept. of
Computer Applications,	Amal Jyothi	College of	Engineering,	Kanjirapally	on	Sept.2014.
Participated in	2 week	ISTE	workshop on	Computer	Programming	conducted by
IIT,Bombay	from May 20th ,2014 to	June 21st	Attended one	day	ISTE e	workshop on
Creative	Teaching	organized by	Dept.of	CSE ,Amal Jyothi	College of	Engineering,
Kanjirapally	on 5th	October	2013.	Participated	STTP on	System
Administration and	Shell Scripting	in	Linux	at	RIT	from 17th to 21st
June 2013.	Attended	Induction	training	programme	on	Teaching
Excellence	at	Engineering	College	Trichur	on	July 2012.
Participated in	a 2 week	ISTE	workshop on	Software	Development	Techniques
for	Teachers	of	Engineering	and	Science	Institutes
conducted by	IIT,Bombay	from 5th	November to 4th	December	2011.	Presented a
paper entitled	MIR USING	ADAPTIVE	NONSEPARABLE	WAVELET	TRANSFORM	VIA
LIFTING	SCHEME	in	ICETT 11,	International	conference	at
kollam	on 25th					

March 2011. Presented a paper titled MIR USING ADAPTIVE NONSEPARABLE WAVELET TRANSFORM VIA LIFTING SCHEME in NCRTCCS11 on 11th March 2011. Participated in an online FDP on Learning Management System, MOODLE from 10th 15th August 2020, organized by Dept.of CSE,SJCET,Palai. Participated in the online trainingwebinar Value of IEEE Publications in Research and Career Development by EBSCO INFORMATION SERVICES, organized by St. Josephs College of Engineering and Technology, Palai on 22082020. Attended a workshop on NBA Accreditation organized by Marian International Institute of Management, Kuttikkanam on 06022020

Publications	SL	NO	Name of Publication	Title of Publication	Remarks
1	iJETRM	DNA COLOR VECTOR	:IDENTITY OF THE LEGITIMATE USER	ISSN: 2456:9348	Impact Factor: 4.520
2	IJSRD	Super Resolution and Denoising of Images via Dictionary Learning	ISSN:23210613	3	IJETT
3	Frangis	Vessel Detection Approach for Coronary Angiogram Segmentation	ISSN:22315381	4	IJISRT
4	Glide:	A Communication Aid for DeafMute	ISSN No : 24562165	Impact Factor : 6.253	5
5	IRJET	AI based depression recognition system	eISSN: 23950056	pISSN: 23950072	6
6	IRJET	on July 2021	SPOTU	An Application for Customers and Vendor	eISSN: 23950056
7	TRANSIST	ONLINE	JUNE 2021	MediCloud	Volume 05
8	IEEE Xplore	GERP: A Gridbased Efficient Routing Protocol for WSN	DOI: 10.1109/ICCSDET.2018.8821241	9	
9	August 2018	IOP Conference Series	Materials Science and Engineering	Survey on Encryption Approaches for Secure Face Biometrics	DOI:10.10881757899X3961012028
10	NPTEL	MOOC Courses	Successfully completed	Programming for Everybody	Getting Started with Python
11	an online noncredit	4 weeks course	authorized by University of Michigan	and offered through Coursera	on 01072020
12	Successfully completed	Introduction to Virtual Reality	an online noncredit	4 weeks course	authorized by University of London and Goldsmiths,University of London
13	and offered through	Coursera	on 10052020.	Successfully completed	Internet History, Technology, and Security
14	an online noncredit	10 weeks course	authorized by University of Michigan	and offered through Coursera	on 02072020.
15	Successfully completed	an NPTEL	12 weeks course	on IOT	on 220620.
16	Successfully completed	an NPTEL	8 weeks course	on Data Science for Engineers,	Sep.2019.

Dr. Jainendrakumar T D SJCET Palai Dr. Jainendrakumar T D Software Development Center
20190110T05:42:1100:00 Dr. Jainendrakumar T D Professor HOD MCA Department of Computer
Science Applications Mobile Number: 91 9447828497 Email: hodmcasjcetpalai.ac.in Date of
Joining:02.07.2015 Nature of association:Contractual Education Experience Memberships FDP
ConferencesSeminarworkshops Lectures Delivered Publications Education
Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 M.C.A Anna University
College Of Engg, Guindy 1987 Computer Application 2 Ph.D Hon PhD from Cosmo Politian
University USA 2011 Project Management Information Technology Experience Previous Experience
Industrial Experience : 21 years Teaching Experience : 10 Years Sl. NoName of the Industry
CollegeDesignationExperience Years Months 1 National Informatics Centre, Ministry of Information
Communication Technology, Govt. Of India Scientist, Senior Scientist Principal Scientist 21st March
1988 to 30 th December 2008 2 Christ Knowledge CityWomens Engineering College, Muvattupuzha
Vice Principal 1 st June 2009 to 30 th May 2015 3 St. Joseph College Of Engg. Technology, Palai
St. Joseph College Of Engg. Technology, Palai 1 st July 2015 to till now Memberships Sl. NoName
of InstitutionType of MembershipMembership ID 1 ISTE Life member LM84908 2 PMI USA PMP
513451 FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Computer aided
management of emergency operations 24th and 25th October 1994 World Environment Centre USA
National Safety council of India 2 POWER12 Placement in Engg. Colleges 2012 2days Albertian
Institute of Science Technology. Ernakulam ConferencesSeminarworkshops Sl. NoTitle Topic Date
DurationSponsors 1 Chief Coordinator for the National work shop conducted on September 19th
and 20th 2012 on the subject Current trends in computer science and applications CTCSA2012
2012 September 19th 20th Christ Knowledge City, Muvattupuzha Lectures Delivered Sl. NoTitle
TopicYear DurationOrganizer 1 Project Management 2016 3 hours Adi Shankara Engg College,
Kalady Publications International Journals Sl.NoTitle of PaperName of journalPublisher 1 PM World
PMworld USA International Conferences Sl. No. Title of the PaperName of the ConferenceVenue
Date 1 Computer Based MIS Workshop on MIS organized by UNICEF Kerala Water Authority 5th
06121995 at Kochi Session Chair Sl. NoName of ConferenceYear DurationYear Duration 1 National

conference on Advanced Computing and Communication Technology NATCCOM2014. 2 days 2014
at Christ Knowledge City 2 Current trends in computer science and applications CTCSA2012 2 days
2012 at Christ knowledge City 3 RAEREST 1 day 2018 at SJCET, Palai

Denix M Sebastian SJCET Palai Denix M Sebastian Software Development Center
20230727T07:54:0800:00 Prof. Denix M Sebastian Assistant Professor Department of Mechanical
Engineering Mobile Number: 8281290634 Email: denixmsebastian@gmail.com Date of joining
:29012017 Association with the institution: Regular Education Experience Faculty Development
Programme Education Sl.No Qualification University Institution Year of passing Specialization 1
B.Tech KERALA T.K.M 2009 Mechanical 2 M.Tech NIT NIT, SURATKAL 2014 Materials
Engineering Experience Industrial Experience : 1.5 Years Teaching Experience : 5.9 Years till Date
Sl. No Name of the college/Industry Designation Experience Years Months 1. Tata Motors, Dharwad,
Karnataka Asst. Manager 1 Year 6 Months 2. Mar Baselios Christian College of Engineering
Technology Peermade Asst. Professor 4 Years Faculty Development Programme Sl. No Name of
Training/Workshop Year Date Duration Organizer 1. Workshop on NBA accreditation 2018 2 Days
SJCET Palai 2. Educational Utilization of Indian Standards 2018 1 Day SJCET Palai 3. Workshop
conducted on Climate Change 2018 1 Day SJCET Palai 4. Workshop on Pursue, Publish, Prosper
2016 1 Day SJCET Palai 5. Eicher Hands On Heavy Duty Vehicle Training Program 2017 5 days
Amal Jyothi Eicher Centre for Automobile Technology 6. ISTE workshop on Thermodynamics 2011
2 Weeks IIT Bombay 7. ISTE Workshop on CFD 2012 2 Weeks IIT Bombay 8 FDP on Concepts
Coaching 2019, 3 days ICT Academy of Kerala at SJCET PALA 9 Innovation Ambassadors Training
2021, 1 month MoEs Innovation Cell AICTE

Blog SJCET Palai End Semester Regular Examination Schedule, December 2024 2024 Scheme
End Semester Regular Examination Schedule, December 2024 2024 Scheme By Software
Development Center| 20250106T09:05:0600:00 January 6th, 2025|Autonomous Alert|0 Comments
Read More End Semester Regular Examination Schedule, December 2024 2024 Scheme End

Semester Regular Examination Schedule, December 2024 2024 Scheme : By Software Development Center| 20241214T05:36:0600:00 December 14th, 2024|Autonomous Alert|0 Comments Read More EndSemester Examination The endsemester examination for B.Tech, M.Tech, MCA, Integrated MCA, and By Software Development Center| 20241214T05:04:5500:00 November 25th, 2024|Autonomous Alert|0 Comments Read More Detailed Time Table of B.Tech S3 Regular Examinations, December 2020 2019 scheme Notification reg. The detailed time table of B.Tech S3 Regular December 2020 By Software Development Center| 20210704T10:38:1900:00 July 4th, 2021|APJAKTU|0 Comments Read More Detailed Time Table of B.Tech S1 R,S Examinations, December 2020 2019 scheme Notification reg. The detailed time table of B.Tech S1 Regular and Supplementary By Software Development Center| 20210704T10:37:1900:00 July 4th, 2021|APJAKTU|0 Comments Read More Detailed Time Table of B.Tech S1,S2 S,FE Exam May 2021 2015 Scheme Notificationreg: The Detailed Time Table of B.Tech S1,S2 S,FE Exam May By Software Development Center| 20210702T06:14:0600:00 July 2nd, 2021|APJAKTU|0 Comments Read More Detailed Time Tables of MCA 2 year S1R 2020 scheme and MCA Integrated S1R 2020 scheme, December 2020 Examinations Notification reg: The detailed Time Tables of MCA 2 year S1R 2020 By Software Development Center| 20210702T02:35:0500:00 July 1st, 2021|APJAKTU|0 Comments Read More AcademicConducting ORAL part of Comprehensive viva for S6 B.Tech studentsOrders issuedReg The Comprehensive Examination is to be conducted for the S6 By Software Development Center| 20240222T08:57:5400:00 June 30th, 2021|APJAKTU|0 Comments Read More APJAKTU Publishing of the Time Table Slots of Pending Odd Semester December 2020 Regular and Supplementary Examinations and B.Tech S1,S2 2015 scheme Supplementary examination reg: The Time Table Slots of Pending Odd Semester December 2020 By Software Development Center| 20210702T04:50:5000:00 June 29th, 2021|APJAKTU|0 Comments Read More B.Tech S1 special improvement Exam Exam commence on 29.01.2021 It is hereby notified that the result of B.Tech S6 By Software Development Center| 20240222T08:59:5400:00 January 15th, 2021|APJAKTU|0 Comments Read More 12Next

Anish Augustine K SJ CET Palai Anish Augustine K Software Development Center
 20230727T03:52:2500:00 Prof.Anish Augustine K Assistant Professor Department of Computer
 Applications Mobile Number: 91 9747740033 Email: anish.augustinesjcetpalai.ac.in Date of
 Joining:15.10.2016 Nature of association: Regular Education Experience Memberships FDP
 Conferences Seminarworkshops Publications Research Development Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 Graduation BSC COMPUTER
 SC. UIT ALAPPUZHA 2013 COMPUTER SCIENCE 2 Post Graduation MCA GOVT. RIT
 KOTTAYAM 2017 COMPUTER APPLICATION Experience Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 GOVT. ENG. COLLEGE KOTTAYAM
 LECTURER 4 YRS 2 MAZCO, SAUDI ARABIA IT SUPPORT 1.5 YRS Memberships Sl. NoName of
 InstitutionType of Membership 1 ASAP TRAINER FDP Sl. NoName of TrainingWorkshopYear Date
 DurationOrganizer 1 MACHINE LEARNING WORKSHOP 09.01.2018 TO 15.01.2018 TEQIP 2
 MACHINE LEARNING STTP 07.07.2017 AICTE 3 6 days FDP on Cyber Security 02 to 07 Nov 2020
 TEQUIPII,TKM college, Kollam 4 7 days FDP on Big data Analytics 27 July to 2nd August 2020
 REVA University, Bangalore 5 5 days FDP on Industrial Revolution 4.0 13th to 17th July 2020
 AICTE 6 International FDP on Linux 22nd to 28th July 2020 RedHat, IPSR,Marian College
 Kuttikanam, 7 6 days FDP on Recent Trends in IT 27 July to 1st August 2020 FISAT, Angamaly
 Conferences Seminarworkshops Sl. NoTitle Topic Date DurationSponsors 1 CYBER SECURITY
 DAY SEMINAR 30.11.2017 SJ CET Publications Impact of personalized learning infrastructure on
 the academic performance of students Selffunded with the guidance from Indian Institute of
 Information Technology IIIT, Kottayam 2020 Research Development Sl. NoProject TitleFunding
 AgencyAmountDuration 1 SPEECH RECOGNITION MALAYALAM DIT, GOVT. OF INDIA 10
 LAKHS 201415 2 Data Analytics IIIT Kottayam Date of Registration: 01092019

Artificial Intelligence And Data Science SJ CET Palai Artificial Intelligence And Data Science
 Software Development Center 20230622T14:28:3400:00 Incorrect slider name. Please make sure
 to use a valid slider slug. About the Department Established in 2020 with an initial intake of 60

students, the Department of Artificial Intelligence and Data Science offers a graduate program that has been approved by the All India Council for Technical Education AICTE and is affiliated with APJ Abdul Kalam Technological University KTU. The department is equipped with stateoftheart infrastructure and possesses a wellqualified, experienced, and dedicated faculty team. The departments success is attributed to the innovative and creative outlook of its students, who actively participate in cocurricular activities, such as IEEE, and extracurricular activities, such as sports and social events, throughout the academic year. The department also facilitates technologyenabled learning, with students actively participating in NPTEL and codingproject competitions across the country.

VISION To achieve excellence in artificial intelligence and data science to cater the everchanging industrial and socioeconomic needs.

MISSION To provide highquality and valuebased technical education in Artificial Intelligence and Data Science program. To establish an infrastructure fostering industryinstitute interaction in order to meet global expectations and requirements. To empower students to become globally competent and effective problemsolvers to develop entrepreneurial skills and higher studies.

PROGRAM DETAILS

Artificial Intelligence and Data Science Artificial Intelligence AI and Data Science DS are distinct but complementary fields that have become increasingly important in recent years. AI involves creating machines that can simulate human intelligence processes, while DS focuses on extracting meaningful information from data to solve realworld problems. Together, AI and DS comprise a new interdisciplinary field that draws on various domains, such as engineering science, statistics, cognitive science, computing, health science, and information science. Students in this field learn how to design and implement AI and DSbased solutions for engineering and business problems, including machine learning, data visualization, semantic web and social network analytics, blockchain technologies, and data security and privacy. Big data solutions have changed the way in which business models are built and run. This program is ideal for those looking to develop intelligent engineering systems and business solutions in the age of big data.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

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of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers.

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Remedial Education The students with backlogs have a heavy load as they must take exams simultaneously for both the new semesters subjects as well as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the four-year engineering course. To help our students from such situations, remedial classes are provided by the AI DS department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease.

Placement Training Department offers intense placement training on regular basis.

LEARNING MANAGEMENT SYSTEM Learning Management System LMS designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow

for deeper participation inside and outside the classroom. Visit Here NPTEL Local chapterNPTEL Local chapter NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. Coursera Campus Response Initiative Courseras mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJCET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost. OUR STRENGTH

Dr. Joby P P SJCET Palai Dr. Joby P P Software Development Center 20220518T16:28:2400:00
 Dr. Joby P P Professor Head Department of Computer Science Engineering Mobile Number: 91 8281539018 Email: hodcssjcetpalai.ac.in Date of Joining: 01.06.2018 Type of Association: Regular
 Education Experience Memberships STTPSeminarsWorkshops Publications Achievements
 Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE VMKV Engg. College Periyar University 2002 M.Tech. Advanced Computing SASTRA SASTRA 2005 Ph.D. CSE Anna University Anna University 2016 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving MBC College of Engineering Technology, Peermade Professor Dean 03.06.2016 31.05.2018 PPG Institute of Technology, Coimbatore Associate Professor Head 01.02.2010 31.05.2016 Adithya Institute of Technology, Coimbatore Senior Lecturer 03.06.2009 25.01.2010 Sri Shakthi Institute of Engineering and Technology, Coimbatore Lecturer 02.06.2008 31.05.2009 Tamilnadu College of Engineering, Coimbatore Lecturer 11.07.2005 31.05.2008 Bharath Niketan College of Engineering, Theni Lecturer 06.06.2002 30.07.2003 Memberships Name of the InstitutionMembership IDNo ISTE Life Member LM115091 ACM 9328629 IREDSenior Member

SNM10100053234 IAENG 161932 CSI F8000190 STTPSeminarsWorkshops Participated in a one day Seminar Geek Speak during 2018 organized at Saintgits College of Engineering. Participated in a 3 day ISTE Workshop during 2017 organized by Saintgits College of Engineering. Participated in a one week FDP Initiatives in Quality Improvement in Higher Education during Oct 2017 at Staff College, Hyderabad. Participated in a 3 day conference Energy Congress during Jan 2017 at MBC College of Engineering and Technology. Participated in a National Workshop on Cloud, Big Data Analytics and Docker Technologies for the Digital Era at Bannari Amman Institute of Technology, Sathyamangalam on 19th September 2015. Participated in a National Workshop on WSN Simulation using Qual NET at PSG College of Technology, Coimbatore on 17th December 2011. Participated in a National Workshop on Network Simulator2 at PPG Institute of Technology, Coimbatore on 23rd September 2011. Completed a training program on Object Oriented Analysis and Design using UML with Essentials of Rational Software and Architect on 3rd September 2010. Participated in a 2 week FDP on Fuzzy Logic Tools for Engineers at National Institute of Technology, Calicut on 15-28 June 2008. Participated in a 4 day FDP on Instruction, Design and Delivery at Park College of Engg and Tech. on 20-23 June 2006. Conducted 1st National Conference on Recent Trends in IT on 07.10.2011, as the Convener, Dept of IT, at PPG Institute of Technology, Coimbatore. Conducted 2nd National Conference on Recent Trends in IT on 09.11.2012, as the Convener, Dept of IT at PPG Institute of Technology, Coimbatore. Conducted 3rd National Conference on Recent Trends in IT on 25.10.2012, as the Convener, Dept of IT at PPG Institute of Technology, Coimbatore. Conducted 1st National Level Technical Symposia Pravaah10, on 05.03.2010, as the Coordinator, Dept of IT at PPG Institute of Technology, Coimbatore. Conducted 2nd National Level Technical Symposia Pravaah11, on 18.02.2011, as the Coordinator, Dept of IT at PPG Institute of Technology, Coimbatore. Conducted 1st National Level Technical Symposia Infotechies12, on 30.01.2012, as the Convener, Dept of IT at PPG Institute of Technology, Coimbatore. Conducted 2nd National Level Technical Symposia Infotechies13, on 20.12.2013, as the Convener, Dept of IT at PPG Institute of Technology, Coimbatore. Conducted 3rd National Level Technical Symposia Infotechies14, on 24.10.2014, as the Convener, Dept of IT

at PPG Institute of Technology, Coimbatore. Conducted 3rd National Level Technical Symposia ZAURIES15, on 23.10.2015, as the Convener, Dept of Computing Sciences at PPG Institute of Technology, Coimbatore. Conducted National Level Technical Symposia Pravaah16, on 11.03.2016, as the Convener, Dept of Computing Sciences at PPG Institute of Technology, Coimbatore. Organized a National level workshop on NS2 Simulation tool as the Convener, Dept of IT at PPG Institute of Technology, Coimbatore. 12 Organized a National level workshop on Ethical Hacking as the Convener, Dept of IT at PPG Institute of Technology, Coimbatore. Organized a National level workshop on Multimedia and Android as the Convener, Dept of Computing Sciences at PPG Institute of Technology, Coimbatore. Organized and conducted a 2 day workshop on NBA Accreditation at MBC College of Engineering and Technology during May 2018. Organized and conducted a 3 day Programme on Entrepreneurship Awareness Camp funded by DST, New Delhi during October 2017 at MBC College of Engineering and Technology. Conducted a 2 day training Programme on Computer Education to a village as a part of NSS activity in the year April 2012

Publications V. M Praseetha, P. P. Joby, Speech Emotion Recognition using Data Augmentation, International Journal of Speech Technology, August 2021. Joby P P, Expedient Information Retrieval System for Web Pages Using the Natural Language Modeling, Journal of Artificial Intelligence, 2020, 2 02, pp 100110. Joby P P, Exploring Devops: Challenges and Benefits, Journal of Information Technology, 2019, 1 01, pp 2737 Albert Kurian, Basil Joseph Benny, Adharsh Raju, Joby P P, International Journal of Applied Engineering Research, 2020, Vol 15, no 6, pp. 609611 Bhagya Roy and Joby P P, Analysis and Detection of Malware Using Intrusion Detection Technique for a Private Cloud, International Journal of Applied Engineering Research, 2020, Vol 15, no 7, pp. 628630. Joby P P, et al, 2018, Online placement and scheduling algorithm for reconfigurable cells in selfrepairable fieldprogrammable gate array systems, Computers and Electrical Engineering, vol 67,pp.836850. Joby, P P Sengottuvelan, P 2015, On the Construction of Virtual Topology Structure for Secure Routing in Wireless Sensor Networks, Sensor Letters, vol. 13, no. 11, pp. 946952. Joby, P P Sengottuvelan, P 2015, A localized clustering scheme to detect attacks in wireless sensor network, International Journal of Electronic Security and Digital Forensics, vol. 7, no. 3, pp. 211222.

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Joby, P P, Kumaresan M, S Smys, 2016, Tree Based Secure Architecture for Secure Data Transmission in Wireless Sensor Network, Security and Communication Networks. Vol 7, issue 4, pp 16551659.

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Gayathiri, Joby, P P, 2015, Privacy preservation in collaborative data publishing using anonymization algorithm, International Journal for Scientific Research and Development, vol. 3, no. 3, pp. 35543558.

Joby, P P, Lavanya M, Lincy Magadaline C, Detecting Node Capture Attacks Using Node CoOperation and Ensuring Secure Routing in Manets, International Journal of Scientific Engineering Research, vol. 7 no.6. pp , 2016.

Joby, P P, Feature selection for physical activity recognition using genetic algorithms at International conference on ISMAC in computer vision and bio engineeringspringer conference, conducted by SCAD Institute of Technology, May 2018.

Joby, P P, Dynamic Secure Routing Architecture in Wireless Sensor Networks, at an International conference in intelligent systems and Control 2016 at Karpagam College of Engineering,

Coimbatore. Joby, P P, Email security and Authentication using captcha and DSA at National Conference on Technological Advancements in Engineering conducted by Sree Narayana Guru College of Engg and Tech, Payyanur, Kannur on 27th March Joby, P P, A Smart Work System for Public Officers using Android at National Conference on Advances in Engineering Sciences on 05th April 2016. Joby, P P, Quality of services improvement in Wireless Lan at National Conference on Advances in Engineering Sciences on 05th April 2016. Joby, P P, Crack Detection in the Railway Tracks by Automated Engine using GSM and GPS Technology at National Conference on Technological Advancements in Engineering conducted by Sree Narayana Guru College of Engg and Tech, Payyanur, Kannur on 27th March Joby, P P, Distributed Fault Detection for Wireless Sensor Networks based on Weighted Average Scheme at National Conference on Technological Advancements in Engineering conducted by Sree Narayana Guru College of Engg and Tech, Payyanur, Kannur on 28th March Joby, P P, Security in Wireless Sensor Networks at National Conference on Recent Trends in Information and Communication Engineering conducted by Tamilnadu College of Engineering, Coimbatore on 14th March Joby, P P, Mechanism to defend Wormhole attack in WSN at National Conference on Recent Trends in Information and Communication Engineering conducted by Tamilnadu College of Engineering, Coimbatore on 20th March Joby, P P, A Novel Framework for Secure Protocol in Routing in Wireless Networks at National Conference on Recent Trends in Information and Communication Engineering conducted by Tamilnadu College of Engineering, Coimbatore on 20th March Joby, P P, A Survey on Threats and Security Schemes in Wireless Sensor Networks at International Conference on Innovations in Engineering and Technology for Sustainable Development conducted by Bannari Amman Institute of Technology, Sathyamangalam on 4th September Joby, P P, Proactive Approach for DDOS attack using KDD Method at National Conference on Recent Trends in Communication, Networking and Computing conducted by Hindusthan College of Engg and Tech, Coimbatore on 17th March Joby, P P, Authentication Schemes using End to End Encryption in Wireless Sensor Networks at National Conference on Computing Sciences conducted by Karpagam University, Coimbatore on 4th February 2012. Joby, P P, A Survey on Network Security and Defense Mechanism at National

Conference on Emerging trends in Computing Technologies conducted by Karpagam University, Coimbatore on 27th October 2010. Joby, P P, Network Security using Public Key Cryptosystems at National Conference on Recent Trends in Information and Communication Technology conducted by Bannari Amman Institute of Technology, Sathyamangalam on 17th March Achievements Member, Curriculum Committee and Syllabus Revision Committee of APJ Abdul Kalam Technological University, Thiruvananthapuram Academic Auditor, APJ Abdul Kalam Technological University, Thiruvananthapuram Approved Research Supervisor, APJ Abdul Kalam Technological University, Thiruvananthapuram Member, Board of Studies, Computer Science and Engineering at Karpagam University, Coimbatore. PhD Thesis Evaluator for various University Resource Person for Seminars and Guest Lectures in various Institution Guest Editor Reviewer in Journals of Springer and Inderscience publications Editorial Member in International Journal of Research in Science Technology Question Paper Setting Board Member for various Universities Chairperson and Session chair for various National International Conferences Advisory Board Member and Reviewer for many International Conferences

Department of Computer Science and Engineering SJ CET Palai Department of Computer Science and Engineering Software Development Center 20220520T05:38:1000:00 EVERYONE SHOULD LEARN HOW TO CODE, IT TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the Computer Science and Engineering Department of St. Josephs College of Engineering and Technology Palai provides a wholistic education through innovative methods to meet the needs of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative ways. VISION MISSION PEO PSO VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society. MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various

programs periodically To acquire self-sustainability and serve the society through research and consultancy

PEO PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs. PEO2: The graduates will have the ability and attitude to adapt to emerging technological changes. PEO3: The graduates will be able to pursue higher education and research.

PSO After Successful Completion of the programme, the graduates will be able to

PSO 1: Analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering. PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications. PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems.

Find us on

PROGRAMS WE OFFER

An Engineering program which seamlessly articulates the concepts from basic science to technology with relevant practice through lab and projects for building the problem solving skills, keeping industry requirements in place. Students will develop competence in areas like Programming, Database Management Systems, Networks and Security, Operating Systems, Cloud Computing etc. To enable the students to keep pace with changing technological advances, the university has industrial tie-ups with Oracle and SAP. Studying these courses as a part of the curriculum would provide a WILD CARD entry to industry.

M.Tech. Computer Science and Engineering

Learners are matured in a specific area of specialization by extending their prior knowhow through meticulous set of advanced courses with a dissertation to showcase their research potential. The focus for thesis is to solve an industry-centric problem.

Ph.D. Computer Science and Engineering

The Ph.D. in Computer Science and Engineering is a research degree which culminates in a unique dissertation that demonstrates original and creative research. The program has been designed to help the research scholars to gain an in-depth understanding of a specialized subject related to computer science. This would allow them to predict developments and make contributions in area of expertise. The research scholars pursuing the Ph.D. degree are provided with an environment and facilities that help to develop analytic and research skills to define the research problems, to study advanced knowledge base to discover innovative solutions available till date. They are also provided with opportunities to

practice consultation so as to facilitate innovative change in organizations, communities, and society.

INITIATIVES BEYOND THE CLASS ROOM

CENTRE FOR RESEARCH DEVELOPMENT

Research and Development center is an integral part of the activities of St. Josephs College of Engineering and Technology. Our Dept RD center has initiated consultancy works, students projects and many projects which satisfy the requirements of the college. The center has also initiated many training programmes for the faculty and students.

TECH TALKIES

Tech Talkies is the department magazine series launched by the students of Computer Science and Engineering. It provides a platform for the students to inform and promote advances and innovations in Computer Science. It contains indepth articles about latest technologies in the field of Computer Science and Engineering. It also includes research ideas and papers of faculty also.

NPTEL LOCAL CHAPTER

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SPOKEN TUTORIAL REMOTE CENTER

SJCET Palai is the resource center for promoting Spoken Tutorial Project IIT Bombay, an initiative of National Mission through ICT, MHRD, Govt. of India. The Spoken Tutorial Project is the initiative of the Talk to a Teacher activity of the NMEICT. SJCET Palai SPOKEN TUTORIAL REMOTE CENTER will be conducting workshops on Linux, Scilab, PHP MySQL, Python, Java, CC, OpenFOAM, Blender, KTurtle, OScad, GIMP etc. Department of Computer Science Engineering coordinating this in the college.

SOFTWARE DEVELOPMENT CENTER

Software Development Center in SJCET has started in 2016 as a part of Make in SJCET movement. SDC flourishes under the auspices of the

Computer Science Engineering department of St. Josephs College of Engineering and Technology, Palai as a part of Make in SJ CET movement. It addresses not only the technology developing needs of the host college but also provides technical assistance and technology development for external clients as well. Google Cloud Career Readiness Program SJ CET Palai announces participation in the Google Cloud career readiness program. The Google Cloud career readiness program enables students of all backgrounds the ability to prepare for cloud careers by building deep expertise through industry recognized training, skill badges, and certifications. TRAINING PARTNER Red Hat Academy turns academic institutions into centers for enterpriseready talent by outfitting them with Red Hat Training. This comes in the form of hands on instruction, curriculum, labs, performancebased testing, and instructor support. SJ CET Palai is a GitHub Campus Get ready to explore the worlds leading software development platform Being one of the ten official GitHub Campus program partner Colleges in Kerala, SJ CET has strengthened its hightech programming curriculum. Our partnership with GitHub now enables the students to get free access to the GitHub Student Developer Pack. This streamlines the move from theoretical into practical skills, as well as gives realworld tools needed in the tech trade. UiPath Academic Alliance MoU is signed with UiPath, a leading Robotic Process Automation vendor. This MoU empowers students with automation skills on campus through specially designed Robotic Process Automation RPA curricula, the UiPath software platform, supporting forums, and collaboration tools. MoU WITH Oracle Microsoft Learn for Educators SJ CET Palai is now part of Microsoft Learn for Educators Program. Having access to Microsoft Learn for Educators and being able to offer Microsoft certification courses is a differentiator for institutions in the recruiting process, and a differentiator for students who learn these skills and enter the job market Colleges that are participants in Microsoft Learn for Educators will have access to training opportunities and materials from Microsoft that will enable them to teach these courses. MoU WITH Oracle Oracle Academy provides educational institutions with the resources they need to help educators develop core computing knowledge and skills aligned to industry standards and for using current technologiesso they can teach students the skills they need to succeed. The program offers institutions and educators access to a wide range of teaching and

educational resources, including curriculum, classroom learning resources, software, cloud technology, practice environments, and much more.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

COMPUTER SOCIETY OF INDIA

Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters across India, 511 student branches, and 100,000 members

THE ASSOCIATION FOR COMPUTING MACHINERY

The Association for Computing Machinery ACM is an international learned society for computing. It was founded in 1947 and is the worlds largest scientific and educational computing society. A student chapter of ACM is working in St. Josephs College of Engineering Technology, Palai. Student Chapter provides unique opportunities for networking, mentoring and bonding over common interests. They provide support both within the student community and to local communities outside the institution.

IEEE COMPUTER SOCIETY

The IEEE Computer Society is a professional society of IEEE. Its purpose and scope is to advance the theory, practice, and application of computer and information processing science and technology and the professional standing of its members. The CS is the largest of 38 technical societies organized under the IEEE Technical Activities Board.

CSEA The Computer Science Engineering Association

CSEA of St. Josephs College of Engineering Technology was established in the year 2004. All teaching and non teaching staff as well as students of Computer Science Department are members of the CSEA by default.

DEPARTMENT LEVEL COMMITTEES

Department Advisory Committee

DAC SI	NoName	Designation	Role
1	Dr. Joby P P,	HoD CSE	Chairman
2	Dr. Praseetha V M,	Programme Coordinator	Member Secretary
3	Management Representative	Member	
4	Prof. Smitha Jacob,	Senior Faculty, CSE	Member
5	Prof. Kishore Sebastian,	Senior Faculty, CSE	Member
6	Prof. Sarju S,	Senior Faculty, CSE	Professional Society Representative
7	Prof. Ashly Thomas,	Senior Faculty, CSE	Member
8	Mr. Sachin Jose,	Training Placement Officer	Member
9	Ms. Rosin C Jacob,	Parent representative	Member
10	Mr. Felix Joby,	Student representative	Member
11	Mr. Anil Kuriakose,	Industry representative	Member
12	Mr. Mridul George,	Industry representative	Member
13	Dr. Joby George,	Professor CSE, MACE	Academic Expert
14	Dr. Bejoy Abraham,		

Deputy Director KTU Academic Expert Member 15 Ms. Haripriya, Alumni representative Member 16 Mr. Thomas John, Senior Lab Instructor Member 17 Principal Permanent Invitee Internal Quality Assurance Cell IQAC SI No Name Designation Role 1 Dr. Joby P P, Professor Head Chairman 2 Prof. Sarju S Coordinator 3 Prof. Smitha Jacob Member 4 Prof. Divya Sunny Member 5 Prof. Meeren Thomas Member 6 Prof. Bino Thomas Member 7 Mr. Ciril Sebastian Member Programme Assessment Committee PAC SI No Name Designation Role 1 Dr. Joby P P, Professor Head Chairman 2 Prof. Sarju S, Asst Professor Coordinator 3 Dr. Praseetha V M, Associate Professor Member 4 Prof. Smitha Jacob, Asst Professor Member 5 Prof. Mereen Thomas, Asst Professor Member Course Coordinators S.No Category of Program Core Courses Stream Coordinator Members 1 Programming, Analysis of Algorithms and Graphics PAG Prof. Smitha Jacob 1. Dr. Praseetha V M 2. Prof. Sarju S 3. Prof. Subini Therese Babu 4. Prof. Thushara Sukumar 2 Computer Hardware Architecture and System Design CHSD Prof. Divya Sunny 1. Prof. Mereen Thomas 2. Prof. Jikku Thomas 3. Prof. Vimal Babu 4. Prof. Gayathri R Krishna 3 Database Machine Intelligence DMI Prof. Sarju 1. Prof. Angitha George 2. Prof. Syamamol 3. Prof. Dona Mary Cherian 4. Prof. Dyni Thomas 4 Network Security NAS Prof. Kishore Sebastian 1. Prof. Bino Thomas 2. Prof. Ashly Thomas 3. Prof. Jibin Philip 4. Prof. Athirasree Das 5 Project Work and Seminar PWS Dr. Praseetha V M 1. Prof. Ashly Thomas 2. Prof. Maria Yesudas 3. Prof. Anju B

OUR STRENGTH Ph.D in Computer Science and Engineering The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college Research Scholars SI No Name of the Research Scholar Topic of Research Registration No 1 Ms. Suma R Occluded Face Recognition DSJC18JUL002 2 Ms. Alphonsa Johny Efficient Big data Processing Technique DSJC18JUL001 3 Mr. Akhil Sekharan Security Challenges in Data Sharing DSJC20JAN005 Approved Guide

DEPARTMENT PUBLICATIONS 20192020 20202021 20182019 20192020 20202021 FACILITIES COMPUTER PROGRAMMING LAB SOFTWARE ENGINEERING LAB COMPUTER GRAPHICS LAB DEPARTMENT LIBRARY ADVANCED COMPUTING LAB PLACEMENTS 200 Placement Offers 2022 60 days Expert Training In House Placement Curricula 55 L Highest Salary Package

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community and to local communities outside the institution.

IEEE COMPUTER SOCIETY

The IEEE Computer Society is a professional society of IEEE. Its purpose and scope is to advance the theory, practice, and application of computer and information processing science and technology and the professional standing of its members. The CS is the largest of 38 technical societies organized under the IEEE Technical Activities Board.

CSEA

The Computer Science Engineering Association CSEA of St. Josephs College of Engineering Technology was established in the year 2004. All teaching and non teaching staffs as well as students of Computer Science Department are members of the CSEA by default.

DEPARTMENT LEVEL COMMITTEES

Department Advisory Committee

DAC	Sl	No	Name	Designation	Role
1	Dr. Joby P P,	HoD	CSE	Chairman	
2	Dr. Praseetha V M,	Programme Coordinator	Member	Secretary	
3	Management Representative	Member			
4	Prof. Smitha Jacob,	Senior Faculty,	CSE	Member	
5	Prof. Kishore Sebastian,	Senior Faculty,	CSE	Member	
6	Prof. Sarju S,	Senior Faculty,	CSE	Professional Society Representative	Member
7	Prof. Ashly Thomas,	Senior Faculty,	CSE	Member	
8	Mr. Sachin Jose,	Training Placement Officer	Member		
9	Ms. Rosin C Jacob,	Parent representative	Member		
10	Mr. Felix Joby,	Student representative	Member		
11	Mr. Anil Kuriakose,	Industry representative	Member		
12	Mr. Mridul George,	Industry representative	Member		
13	Dr. Joby George,	Professor CSE,	MACE	Academic Expert	Member
14	Dr. Bejoy Abraham,	Deputy Director	KTU	Academic Expert	Member
15	Ms. Haripriya,	Alumni representative	Member		
16	Mr. Thomas John,	Senior Lab Instructor	Member		
17	Principal	Permanent Invitee	Internal Quality Assurance Cell		

IQAC

Sl	No	Name	Designation	Role
1	Dr. Joby P P,	Professor	Head	Chairman
2	Prof. Sarju S	Coordinator		
3	Prof. Smitha Jacob	Member		
4	Prof. Divya Sunny	Member		
5	Prof. Meeren Thomas	Member		
6	Prof. Bino Thomas	Member		
7	Mr. Ciril Sebastian	Member		

Programme Assessment Committee

PAC	Sl	No	Name	Designation	Role
1	Dr. Joby P P,	Professor	Head		
2	Prof. Sarju S,	Asst Professor	Coordinator		
3	Dr. Praseetha V M,	Associate Professor	Member		
4	Prof. Smitha Jacob,	Asst Professor	Member		
5	Prof. Mereen Thomas,	Asst Professor	Member		

Course Coordinators

S.No	Category of Program	Core Courses	Stream	Coordinator	Members
1	Programming, Analysis of Algorithms and Graphics	PAG		Prof. Smitha Jacob	1. Dr. Praseetha V M 2. Prof. Sarju S 3. Prof. Subini Therese Babu 4. Prof. Thushara Sukumar

HardwareArchitecture and System Design CHSD Prof. Divya Sunny 1. Prof. Mereen Thomas 2. Prof. Jikku Thomas 3. Prof. Vimal Babu 4. Prof. Gayathri R Krishna 3 Database Machine Intelligence DMI Prof. Sarju 1. Prof. Angitha George 2. Prof. Syamamol 3. Prof. Dona Mary Cherian 4. Prof. Dyni Thomas 4 Network Security NAS Prof. Kishore Sebastian 1. Prof. Bino Thomas 2. Prof. Ashly Thomas 3. Prof. Jibin Philip 4. Prof. Athirasree Das 5 Project Work and Seminar PWS Dr. Praseetha V M 1. Prof. Ashly Thomas 2. Prof. Maria Yesudas 3. Prof. Anju B OUR STRENGTH Ph.D in Computer Science and Engineering The college is Research Centre of APJ Abdul Kalam Technological University KTU.Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college Research Scholars SI NoName of the Research ScholarTopic of ResearchRegistration No 1 Ms. Suma R Occluded Face Recognition DSJC18JUL002 2 Ms. Alphonsa Johny Efficient Big data Processing Technique DSJC18JUL001 3 Mr. Akhil Sekharan Security Challenges in Data Sharing DSJC20JAN005 Approved Guide DEPARTMENT PUBLICATIONS 20192020 20202021 20182019 20192020 20202021 FACILITIES COMPUTER PROGRAMMING LAB SOFTWARE ENGINEERING LAB COMPUTER GRAPHICS LAB DEPARTMENT LIBRARY ADVANCED COMPUTING LAB PLACEMENTS 200 Placement Offers 2022 60 days Expert Training In House Placement Curricula 55 L Highest Salary Package Placement Statistics 20212022 Placement Statistics 20202021 Placement Statistics 20192020 Placement Statistics 20182019 Placement Statistics 20172018 Placement Statistics 20162017 Placement Statistics 20152016 Placement Statistics 20142015 Placement Details

Bony John SJ CET Palai Bony John Software Development Center 20190112T06:18:1400:00 Prof.Bony John Assistant Professor Department of Mechanical Engineering Mobile Number: 9447130516 Email:bonyjohn@gmail.com Date of joining:14122005 Association with the institution: Regular Education Membership FDPSTTP Attended Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Cochin University of Science Technology College of Engineering Adoor 2005 Mechanical 2 M.Tech NIT, Calicut NIT Calicut 2011 Energy Management 3 Ph.D Cochin University School of Engineering, CUSAT

Pursuing Mechanical Membership Sl. No Name of Institution Type of Membership Membership ID 1

ISTE Life Member FDPSTTP Attended Sl. No Name of Training Workshop Year Date

Duration Organizer 1 Teaching Excellence and Methodologies 22nd-27th May 2006 Indian Society

For Technical Education 2 Workshop on ACCREDITATION 2007-28-30 June National Institute of

Teachers Training Research 3 Manufacturing systems and technologies 16th-21st June 2008 VJCET

, Vazhakulam 4 Finite Element Methods June 14, 2007 SJCET Pala 5 Nanotechnology Significance

and Applications November 7, 2008 SJCET, Pala 6 National conference on Mechanical Engineering

Technology June 4, 2011 Mechanical Engg. Department SJCET Palai 7 Recent advances in

alternative energy technologies Nov 5-10, 2012 RIT, Pamapady 8 Modern trends in energy

environment and green technology April 21-25, 2014 CUSAT, Thrikkakara 9 Fluid Mechanics May

20-30, 2014 SJCET, Palai 10 Theoretical and applied computational fluid flow and heat transfer Dec

7-11, 2015 RIT, Pamapady 11 Workshop on pursue, Publish, Prosper 30th March, 2016 SJCET,

Palai 12 Research Methodology in fluid mechanics July 14-16, 2016 AMRITA, Kollam 13 Talk on

Renewable energy and fuel cells 21st April SJCET, Palai 14 Training program on NBA accreditation

18-19th June, 2018 SJCET, Palai 15 Training course on ISO 9001:2015 awareness 28th June, 2018

SJCET, Palai 16 Work shop on Safety 29th June SJCET, Palai 17 Workshop on Renewable

energy Opportunities Challenges 9th November SJCET, Palai Publications International

Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1 An Experimental

Performance Evaluation of Nozzles used in Vortex Tubes International Conference on New

Horizons of Mechanical Engineering Rajiv Gandhi Technical University RGTU, Bhopal, 18-20 March,

2008 2 Determination of river current energy density A statistical approach January 8, 1900 CUSAT

10-12 Dec ,2012 3 Numerical analysis and power prediction of a savonius hydrokinetic turbine

January 10, 1900 Rajagiri school of engineering 24-25 Jan 2018 National Conference Sl. No. Title of

the Paper Name of the Conference Venue Date 1 Analysis of Control Valve Characteristics A

Review National Conference on Emerging Trends in Engineering Technology Government

Engineering College , Calicut 25-26 February, 2011

Cherry A Menampampil SJ CET Palai Cherry A Menampampil Software Development Center
20190112T06:22:0400:00 Prof.Chery A Menampampil Assistant Professor Department of
Mechanical Engineering Mobile Number: 9846566483 Email:cheriach@yahoo.com Date of joining
SJ CET:25072006 Association with the institution: Regular Education Membership FDPSTTP
Attended Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech
CUSAT CUCEK, Pulincunnu 2006 Mechanical 2 M.Tech IIT Madras IIT Madras 2011 Applied
Mechanics 3 Ph.D doing CUSAT CUSAT Membership Sl. NoName of InstitutionType of Membership
1 ISTE Life Membership FDPSTTP Attended Sl.NoName of TrainingWorkshopYear Date
DurationOrganizer 1 Design for manufacture and assembly 2342007 to 452007 2weeks Amrita
Viswavidyapeetham, Coimbatore 2 Finite Element Methods 1462007 1day SJ CET, Palai 3
Accreditation 2862007 to 3062007 3 days NITTTR, Chennai 4 Teaching Excellence and
Methodologies 2082007 to 2582007 ISTE Kerala Section 5 Leadership and Facilitation skills
2852008 to 3182008 PROSPECTS Management Consultancy, Kochi Engineering Design Principles
and New Product Development 3062008 to 572008 IIT Madras 7 Nanotechnology Significance and
applications 7112008 SJ CET, Palai 8 Human Excellence Achievement Rigorous Training Sessions
15112008 to 16112008 MINDS 9 Upgradation programme on FIRST AID EXPERTISE November
11, 2008 SJ CET, Palai 10 Strengthening safety envelope in workplaces April 12, 2008 SJ CET, Palai
11 Energy management Challenges and future Prospects 1912009 to 2312009 SJ CET, Palai 12
Advances in Manufacturing and production Management 2342009 to 2442009 SJ CET, Palai 13
Technical Analysis Tools 782010 SJ CET, Palai 14 Advanced Manufacturing Technology 462011
SJ CET, Palai 15 Thermodynamics in Mechanical Engineering 1462011 to 2162011 IIT Bombay 16
International Conference on Mechanical Engineering Technology 2112012 SJ CET, Palai 17
Instructional Design and Delivery System 29112012 to 1122012 TISEL, Ernakulam 18 Kinematics,
Dynamics and Control of Machinery 13122012 to15122012 M.S. Ramaiah School of Advanced
studies 19 Advanced Automobile Engineering 1752013 to 1852013 SJ CET,Palai 20 Mechanical
Engineering for Future 1562013 SJ CET, Palai 21 FEELTEACHER 12122013 to 14122013 CLHRD,
Mangalore 22 Fluid Mechanics 2052014 to 3052014 IIT Kharagpur 23 Control Systems 2122014 to

12122014 IIT Kharagpur 24 Finite Element Analysis using ANSYS 2262015 to 2662015 RIT, Pampady 25 Pursue, Publish, Prosper 3032016 SJCT, Palai 26 Python Programming 2642016 CUSAT 27 Recent Advances in Finite Element Methods to solve complex engineering problems 1972016 to 2572016 NIT Calicut 28 NBA Accreditation 1862018 to 1962018 SJCT, Palai 29 ISO 9001:2015 AWARENESS 2862018 ZANDIG TQM SOLUTIONS, Coimbatore 30 Essentials of research 972018 to 1372018 APJAKTU, Trivandrum 31 ISO 9001:2015 INTERNAL AUDIT 2472018 ZANDIG TQM SOLUTIONS, Coimbatore

Dr. Jalumedi Babu SJCT Palai 1International Journals25 2National Journals12 3International conference11 4National Conference11 4BooksBook chaptersMonograph3 International Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN	ISBN No.
1	Welding processes for Inconel 718	Material Science and Engineering	IOP Science	2018	330 012082	
2	Optimisation and selection of forming depth and pressure of box shaped Superplastic forming using grey based fuzzy logic	Material Science and Engineering	IOP Science	2018	330 012086	
3	Experimental studies on Friction stir processing of AZ31 Magnesium alloy	Materials Today Proceedings	Elsevier Publications	2018	5 45154522	
4	Improvement of surface finish and reduction of tool wear during hard turning of AISI D3 using Magnetorheological damper	Journal of Scientific Industrial Research	NISCAIR Publishers	2018	3540	
5	Application of the greybased fuzzy logic approach for materials selection	International Journal of Materials Research	Hanser Publishers, Germany	2017	pp 702709	
6	Development of a comprehensive delamination assessment factor and its evaluation with high speed drilling of composite laminates using a twist drill	MechE Part B: J Engineering Manufacture	Sage Publications	2017	pp113	
7	Evaluation of strain and strain rates at different stages of Superplastic cone forming	Materials Today Proceedings	Elsevier Publications	2017	4 835841	
8	Digital image analysis to evaluate delamination factor after drilling GFRP composites using a Kevlar drill bit	Indian Journal of Science Technology		2016	: 17	
9	Examination Modification of Equivalent delamination factor for assessment of High speed drilling	Journal Mechanical Science Technology	Springer Publications	2016	:515965	
10	Development of Noise Reduction Panel Using					

Piezoelectric Material *Procedia Technology* Elsevier Publications 2016 25 1022 1029 11 Assessment of delamination in drilling of laminate composite materials A Review *IMechE Part B: J Engineering Manufacture* Sage Publications 2016:19902003 12 Flow Behaviour of Ti6Al4V subjected to multidirectional isothermal Compression *Transactions of Indian Institute of Metals* Springer Publishers 2015 Vol.68 Suppl 1 S105S108 13 Low Temperature Superplasticity in Ti6Al4V by Grain Refinement through a Novel Route of Quench Roll Recrystallise *Journal of Materials Research Technology* Elsevier Publications 2015, Vol 4 3 348352 14 Experimental Studies on Thinning Characteristics of Superplastic Hemispherical forming *International Journal of Emerging Technology and Advanced Engineering* IJETAE Volume 5 2015, ISSN 22502459, pp 10409 15 Experimental studies on effect of temperature and strain rate on deformation behaviour of Ti6Al4V using Taguchi method *International Journal Procedia Material Science* Elsevier Publications Volume 6, 2014 pp 112130 16 Experimental studies on effect of process parameters on delamination in drilling GFRP composites using Taguchi method *International Journal Procedia Material Science* Elsevier Publications 2014 pp 113142 17 Multiple Process Parameter Optimization of WEDM on AISI304 Using Taguchi Grey Relational Analysis *International Journal Procedia Material Science* Elsevier Publications 2014 pp 161322 18 Multiple Process Parameter Optimization of WEDM on AISI304 Using Utility Approach *International Journal Procedia Material Science* Elsevier Publications 1. 2014 pp 186372 19 Design for Manufacturing DFM approach for Productivity Improvement in Medical Equipment Manufacturing *International Journal of Emerging Technology and Advanced Engineering* IJETAE 2. 2014, ISSN 22502459, pp 7985 20 Numerical Modelling of Propagation of the fundamental Symmetric Lamb Mode through a Metal Composite Adhesive Joint *International Journal Procedia Engineering* Elsevier Publications 3. 2013 pp 426434 21 Optimization of Process Parameters in Drilling of GFRP Composites Drilled by an End Mill *International Journal of Recent Developments in Engineering and Technology IJRDET* 5. October 2013, ISSN 2347 6435 pp 1623 22 Flow behavior of Ti6Al4V Subjected to Step Temperature Isothermal Forging *International Journal of Emerging Technology and Advanced Engineering* IJETAE Volume 2, Issue 26. 2012, pp 321325 ISSN 22502459 23 Experimental and Finite element analysis of Impact testing of Advanced ceramic

compositesInternational Journal of Engineering Research and Technology IJERT India Research Publications Volume47. 2011,pp 381390, ISSN 09743154 24Static Analysis Of An Articulated Robot Manipulator Made Of Composite Materials Using FEInternational Journal of Engineering Research and Technology IJERT India Research Publications Volume48. 2011 pp 373380, ISSN 09743154 25Optimization of thickness variation of cone formed by Superplastic forming of Ti6Al4V AlloyInternational Journal of Mechanical Engineering.IJME Serials Publications Volume3,Issue2Serials Publications9. 2010 pp193197, ISSN: 09745823 National Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN	ISBN No.
1	Formation of Bioactive gel from Biowaste	SJCET Journal of Engineering and Management	January	June 2017, pp 2025		
2	Optimisation of forming depth and pressure of box shaped Superplastic forming using Desirability function	SJCET Journal of Engineering and Management	July	December 2016, pp 3237		
3	Multi characteristic optimisation of High speed drilling of GFRP composite laminate using Taguchi method with Desirability	SJCET Journal of Engineering and Management	July	December 2015, pp 1421		
4	Multi characteristic optimisation of High speed drilling of GFRP composite laminate using Taguchi method with Grey relational Analyis	SJCET Journal of Engineering and Management	January	June 2015, pp 3037		
5	Simulation of Structural Noise Reduction Using Piezoelectric Materials	SJCET Journal of Engineering and Management	January	June 2014, pp 4248		
6	A case study on electrical energy management in RADO tyres	SJCET Journal of Engineering and Management	January	June 2014, pp 3135		
7	Delamination in drilling of GFRP compositesA Review	SJCET Journal of Engineering and Management	July	December 2013, pp 211		
8	Delamination studies in Drilling of GFRP Composites by using Taguchi method	Indian Journal of Mechanical Engineering Research				
9	Finite Element Analysis of a Component Formed by Hydro Forming	SJCET Journal of Engineering and Management	Volume 51. January	June 2012 pp 1720		
10	Design and analysis of two wheeler suspension system	SJCET Journal of Engineering and Management	2. December	2011 pp 5359		
11	Experimental studies of Gas pressure superplastic Cone Forming	gi managers Journal on Mechanical Engineering	Volume 11	Manager publications3. 2011 pp 1419, ISSN: 22309055	E ISSN: 2249074	
12	Fine Grained Ti6Al4V Alloy through Multi directional					

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Design of Hydraulic power system for a special purpose 2way Drilling Machine	Recent Trends in Automation its Adaptation to industries	Priyadarshini college of Engineering Architecture, Nagpur, India	July 11 14, 2006
2	Super Plastic Cone Forming Of Ti6Al4V Alloy	Advances in Manufacturing Engineering	MIT, Manipal	October 2007
3	Dyanamuc analysis of an articulated robot arm by using FE	ICOMET2012	SJCET Palai, Kerala	Jan 2012
4	Measurement of Mechanical Threshold Hardness of Ti6Al4V from Low and High Temperature Static Indentation Experiments	AMPC2013	Anna University ,Chennai	Feb 2013
5	Numerical Modelling of Propagation of the fundamental Symmetric Lamb Mode through a Metal Composite Adhesive Joint	Design and manufacturing, Icon DM2013	Indian Institute of Information Technology Design Manufacturing Kancheepuram, Chennai.	July 2013
6	Optimization Of Process Parameters In Drilling Of GFRP Composites Using KEVLARBOHRER SCD 56279 Drill Bit	Innovations in Design and Manufacturing	Mar Athanasius College of Engineering, Kothamangalam, Kerala	10th January 2014
7	Experimental studies on effect of temperature and strain rate on deformation behaviour of Ti6Al4V using Taguchi method	Materials Processing and Characterisation ICMPC 2014	Gokarajurangaraju College of Engineering Technology	March 89 2014
8	Experimental studies on effect of process parameters on delamination in drilling GFRP composites using Taguchi method	Materials Processing and Characterisation ICMPC 2014	Gokarajurangaraju College of Engineering Technology	March 89, 2014
9	Multiple Process Parameter Optimization of WEDM on AISI304 Using Taguchi Grey Relational Analysis	Advances in Manufacturing and Materials Engineering AMME2014	NITK	March 27 28, 2014
10	Multiple Process Parameter Optimization of WEDM on AISI304 Using Utility Approach	Advances in Manufacturing and Materials Engineering AMME2014	NITK	March 27 28, 2014
11	Experimental Studies on Thinning Characteristics of Superplastic Box shaped forming	Advances in Manufacturing Thermal Engineering	Mar Athanasius College of Engineering, Kothamangalam, Kerala	8th 9th February 2016

PaperName of the ConferenceVenue Date 1Evaluation of Multiaxial StressStrain Diagram for Gas Pressure Superplastic FormingAdvances in Mechanical Engineering1314 May 2005 at Vasavi College of Engineering, Ibrahimbagh, Hyderabad 2Uniaxial and Multiaxial Compression of Ti6Al4V Alloy for Grain RefinementTechnological Advancements in Mechanical Engineering TAME200523 December 2005 at SNIST, Hyderabad 3Super plastic forming of Ti6Al4V at low temperature regimeAdvances in Material Processing910 February 2007, NIT Warangal 4Grain refinement Enhanced Super plasticity Ti6Al4V Alloy Processed by Annealing followed by water quenchingAdvances in Mechanical Sciences AIMS 20072224 March 2007, Kumaraguru College of Technology Coimbatore 5Grain refinement of Ti6Al4Valloy by step temperature compressionAdvances in Mechanical Sciences AIMS 20092627 March 2009, Kumaraguru College of Technology, Coimbatore 6Analysis of impact testing of advanced ceramic composites by using FEAEmerging Trends in Mechanical Engineering MTME200534 July 2009 at SNIST ,Hyderabad 7Thermal Barrier Coatings for GasTurbine Engine ApplicationsA ReviewMechanical Engineering and Technology COMET20131718 June 2013at SJCET Palai, Kerala 8Optimization of Drilling Parameters in Drilling of GFRP Composites by Using a Special Drill BitMechanical Engineering and Technology COMET20131718 June 2013at SJCET Palai, Kerala 9Effect of the Process Parameters on Drillinginduced Delamination in GFRP CompositesNET 2014Government College of Engineering, Kozhikode, Kerala, August, 2930, 2014 10Experimental Studies on Delamination in High Speed Drilling of GFRP CompositesNCTT 2014Government College of Engineering, Trivandrum, Kerala, 2223 August 2014 11Comparison of delamination factor models after drilling of GFRP composite laminate using a core drillRecent advances in Material Science Manufacturing Engineering3031st January 2015, organized by Geethanjali College of Engineering Technolgy, Keesara M, Chirala V, Hyderabad, Telangana

Chinchu M S SJCET Palai Chinchu M S Software Development Center 20210308T11:14:4300:00
 Prof. Chinchu M S Assistant Professor Department of Computer Science Engineering Email: chinchums18gmail.com Phone: 919496712805 Date of Joining:05.10.2020 Education Experience

Publications FDP STTP Conference SeminarsWorkshops Education PhD Computer Science Engineering Deep Learning in speech processing and Recognition. MTech Computer Science system Engineering ,MG University,Kottayam, Govt. Engineering College Idukki B E Computer Science Engineering , Annal University Chennai, Vivekananda College of Engineering for Women Experience Assistant professor at Vedavyasa college of Technology,Malappuram.January 2020 Assistant Professor , Mount Zion College of Engineering ,Pathanamthitta,kerala 20182020 Technical Assistant, Kerala information missionDepartment Pathanamthitta, Kerala 20122014. Junior software Engineer, Soften Technologies Pvt Ltd.,Ernakulum, Kerala 2018. Publications Malayalam Error Sentence Detection Using Deep Learning withRNNLSTM.. Analysis of Deep Learning Techniques used in Speech Recognition International Conference on Advances in Computing and Information Technology ICACIT19 ISBN 9788194209409 Numerical computation for extracting eigenvalues and eigenvectors from a large order system of equation a given input rangeISRO Dynamic bandwidth recycling in hybrid networks National Journal FDP STTP Conference SeminarsWorkshops 1 Faculty Development Programme Deep Learning for NLP,23rd 27th November 2020 NATIONAL INSTITUTE OF TECHNOLOGY,ANDHRA PRADESH. 2 AICTE Sponsored One Week Online Short Term Training Programme STTP on Machine Learning and Deep Learning Techniques for Artificial Intelligence Problems using Python MLDLT 2020Series1: Insights into Machine Learning for solving Artificial Intelligence Problems using Python during 16.11.2020 21.11.2020, organized by the Department of Information Technology, VNRVJIET, Hyderabad. 3 One Week AICTE Sponsored Online Short Term Training Program onMachine Learning and its ApplicationsPhaseIOrganized by the Department of Electronics and Communication Engineering, Lendi Institute of Engineering Technology A, Vizianagaram, A.P., India, During 02112020 to 07112020. 4 Short Term Training Programme on Scientific Computing with Python from 9th to 20th November 2020, organised by the Department of Electronics Communication Engineering and sponsored by the Technical Education Quality Improvement Programme TEQIP, Govt. of India. 5 Machine Learning and its Applications PhaseI Participating in One Week AICTE Sponsored Online Short Term Training Program . 6 Theoretical Computer

Science Challenges Opportunities conducted by Department of Computer Science and Engineering in association with CSI Saintgits Students Branch on November 21, 2020. 7 AICTE Training And Learning ATAL Academy Online FDP on Computer Science Biology from 2020824 to 2020828 at Amal Jyothi College of Engineering. 8 AICTE STTP Data Analytics and Machine Learning at Amal Jyothi College of Engineering from 38 August 2020. 9 Summer Internship on Artificial Intelligence and Deep Learning BENNETT UNIVERSITY 1105202019062020 completed. 10 Certification of NVIDIA DEEP LEARNING INSTITUTE for Fundamentals of Deep Learning for Computer Visions. 11 Research Writing and Authorship workshop organized by CESEE GCE Kannur January 29312020. 12 Audio and speech Processing workshop conducted by ECE department and FSDT Centre , GCE Kannur Jan 13182020 13 Deep Learning Workshop organized by Providence Engineering collage2019. 14 Introduction to computational intelligence and Data mining by GOVT. College of Engineering, Idukki 5 days. 15 Computer Vision and Its Application Organized by College of engineering Perumon 2019. 16 Research Methodology Workshop by Kerala State Council for Science, Technology Environment KSCSTE 2 days. 17 Soft Computing and Applications by MBC College of Engineering Technology 1 day. 18 Introduction to Machine Learning Organized by IIT Kharagpur and ISTE, NMEICT 2days. 19 Introduction to Machine Learning Organized by TKM, Kollam.5 days workshop. 20 Attended Ethical hacking program at Coimbatore conducted by Ankit Fadia Your Content Goes Here

Arun.P SJCET Palai Arun.P Software Development Center 20240415T06:40:4500:00 Dr. Arun.P Associate Professor Head Department of Electronics and Communication Engineering Mobile Number: 91 9895852842 Email: arunsjcetpalai.ac.in Date of joining SJCET: 30012008 Association with the institution: Regular Education Experience Memberships FDP Conferences Seminarworkshops organized Journal and Conference Publications Session Chair Certified MOOC Courses Industrial Professional Training Programs Patents Fundings Achievements Education Sl.NoQualificationInstitutionSpecialization 1 Ph.D. Annamalai,University,Tamilnadu Ph.D. in Electronics and Instrumentation Engineering ,Title of the Thesis : Detection and characterization of

bearing faults from the temporal, spectral and spectro temporal features of vibration 2 M.Tech National Institute of Electronics Information Technology , Calicut Embedded Systems 3 B. Tech Anna University, Chennai Electronics Communication Engineering 4 Diploma Model Polytechnic College, Mattakkara, Kerala Computer Hardware Maintenance Experience

Sl.No	Institution	Position	held	Period
1	College of Engineering, Kidangoor	Lecturer in the Dept. of Electronics and Instrumentation Engineering	12072006 to 11052007 and 08062007 to 28012008	2
2	SJCET, Palai	Assistant professor	29012008 to 29022020	3
3	SJCET, Palai	Associate professor	01032020 to 31032022	4
4	SJCET, Palai	Associate professor HoD	01042022 to till date	

Memberships

Sl. No	Name of Institution	Type of Membership	Membership ID
1	IEEE	Senior Member	94416013
2	ISTE	Life Time	LM 64497

FDPs

Sl. No	Two Week FDPs	STTPs	Remarks
1	Attended a two week FDP on Advances in medical imaging using computational intelligence at Knowledge Institute of Technology, Salem, Tamilnadu, India during Aug 26 to Sept 07, 2013. Sponsored by AICTE	2	Attended a two week FDP on Design of intelligent systems at Amal Jyothi College of Engineering, Kanjirappally, Kerala, India during 3rd to 16th May 2012. Sponsored by AICTE
Sl. No	Details of the FDP	STTP	Remarks
1	Coordinated and attended a six days Offline AICTE ATAL Sponsored FDP on Unleashing the Potential of System OnChip and its Architecture organized by Department of Electronics and Communication Engineering ,SJCET, Palai from 15th to 20th January 2024. Sponsored by AICTE	2	Attended a one week Sponsored FDP on Recent trends in high frequency communication organized by Knowledge and skill development, Annant Gyan Pvt Ltd,Bihar,India during 20th 24th February 2023. Annant Gyan Knowledge and Skills Private Ltd.
3	Attended a one week KTU Sponsored FDP on AI and DS: A pedagogical approach organized by the Dept. of ECE, SJCET, Palai., Kerala, India during 9th to 13th August 2021. Sponsored by KTU	4	Attended a one week KTU Sponsored FDP on IoT and Data Science conducted by Department of Electronics and Communication Engineering, St. Josephs College of Engineering and Technology from 28122020 to 02012021. Sponsored by AICTE
5	Attended a one week FDP on Recent Advances in Solar Systems held at NIT Calicut, Kerala, India during 8th to 12th July 2019. Sponsored by AICTE	6	Attended a one week FDP on Deeplearning and PYNQ Framework at St. Josephs College of Engineering and Technology, Palai

in association with CoreEL Technologies, Bangalore from 24th to 28th June, 2019. Sponsored by CoreEL Technologies, Bangalore

7 Attended a oneweek Training workshop on AI and ML at Government Engineering College Barton Hill, Trivandrum, Kerala during 22nd to 26th Feb 2019. Sponsored by AICTE ATAL academy

8 Attended a oneweek FDP on Robotics at Aester India Pvt. Ltd, Cochin, Kerala, India during 5th to 10th June 2018. Done live Robotic projects

9 Attended a oneweek FDP SSTEP on Vibration Measurement, Analysis and Control, Department of Mechanical Engineering, PSG College of Technology, Coimbatore, Tamil Nadu, India, July 31st Aug.6th, 2016. Sponsored by TEQIP

10 Attended a oneweek STTP for coordinators on Technical Communication, IIT Bombay, Bombay, India, Aug. 24-28, 2015. Sponsored by MHRD ISTE

11 Attended a oneweek STTP for coordinators on Analog Electronics, IIT Kharagpur, India, 1st to 05th April 2013. Sponsored by MHRD ISTE

12 Attended a oneweek STTP on Teaching excellence and methodologies, held at Maharajas Technological Institute during 19th-24th May 2008. Sponsored by ISTE

Sl. No	Title	Date	Duration	Sponsors
1	Six days Offline AICTE ATAL Sponsored FDP on Unleashing the Potential of System OnChip and its Architecture.	15th-20th January 2024		SJCET Palai, Kerala, India
2	AICTE ATAL online workshop on the title Wearable Devices	17/01/2022 to 21/01/2022		St. Josephs College of Engineering and Technology, Palai, Kerala, India.
3	International Conference on Artificial Intelligence Energy Systems	08, 09 December 2021		St. Josephs College of Engineering and Technology, Palai, Kerala, India.
4	Global Colloquium on Recent Advancements in Effectual Researches in Engineering Science and Technology	2018 April. 2021, 2018.		St. Josephs College of Engineering and Technology, Palai, Kerala, India.
5	7th International Conference on Advances in Computing Communications, ICACC2017	Aug. 22nd-24th, 2017.		Rajagiri School of Engineering Technology, Cochin, Kerala, India,
6	National conference on innovative engineering technologies	13th and 14th February 2015.		Christ university, Bangalore, India
7	IMAC 2013	22nd and 23rd of March, 2013		IEEE SJCET, Palai
8	International conference, ACCTHPCA	21st to 22nd June 2012.		Federal Institute of Science and Technology, Kerala, India
9	National conference on computer networks, human computer interaction and image processing	14-15th March 2012.		Vidya Academy of Science and

Technology, Thrissur, Kerala, India 10 National conference on advances in communication systems, 6th 7th March 2009. SJCET Palai, Kerala, India Journal and Conference Publications International Journal Publications Sl. No.Title of Paper 1 Arun.P, Madhukumar.S,Careena.P, Sreesh P R and Anto. M, A Machine Learning Strategy to Detect COVID19 by Inspecting the Statistical Significance of Standard Deviation of Sound Samples of Healthy, Covid and Post Covid Conditions,IEEE Xplore, pp. 16, February 2024, doi: 10.1109/AICERAICIS59538.2023.10420233. 2 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Statistically Significant FeatureBased Heart Murmur Detection and Classification using Spectrogram Image Comparison of Phonocardiogram Records with Machine Learning Techniques, Australian Journal of Electrical and Electronics Engineering,Taylor and Francis Accepted for Publication January 2024. 3 Meekha Mathew, Sreesh P R, Madhukumar S and Arun P, HighPerformance Turbo Coder Design using MAP Algorithm and Gating Technology for Error Correction in Communication Systems, International Research Journal of Engineering.Accepted for publication 2023. 4 Elone Anne Benny, Sreesh P R, Madhukumar S and Arun P, An Area and Power Efficient Kogge Stone Adder Using Gate Diffusion Input Logic, International Research Journal of Engineering.Accepted for publication 2023. 5 Dana. F,Maria. S, Elias. K. P, Suryadeep. P , Arun. P and Anto. M, An Electronic IV Monitoring,ceasing and alerting system, SJCET Journal of Engineering Management.,Vol.16,pp.4253,June 2023. 6 Antony, A., Benny, N., Krishnan, G.G., Saju, M.M., Arun, P., George, S.L, Design and Development of a Smart Home Management System Based on MQTT Incorporated in Mesh Network,Springer Innovations in Communication and Computing,pp.6574, Feb.2023. 7 P. Arun, Madhukumar. S, K.Vishnu, M.Neha, I. Princy and S. Ron, Diagnostic Feasibility of Time Domain Features for Detecting and Characterizing Cry Cause Factors An investigation,Australian Journal of Electrical and Electronics Engineering, Taylor and Francis, April 2022. 8 P. Arun, N. Prajith, C. Melvin, S.N. Sreejith and S. Sandesh, Design and development of an IoT based intelligent multi parameter screening system, Materials Today: Proceedings, Elsevier, December 2021. 9 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Statistical Significance of Wilson Amplitude Towards the Identification and Classification of Murmur from Phonocardiogram, Lecture Notes on Data Engineering and

Communication Technologies, Springer, November 2021. 10 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Waveform Length Based Reliability Analysis for the Detection of Murmur from PCG Records, Emerging Technologies for Sustainability, Taylor Francis Group, London, Chapter 37, pp.17, July 2020. 11 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Effectiveness of Wilson Amplitude for the Detection of Murmur from the PCG Records, Lecture Notes in Electrical Engineering, vol 656. Springer, Singapore, June 2020. 12 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Significance of Frequency Domain Features of PCG Records for Murmur Detection An Investigation , Biomedical and Pharmacology Journal , Vol.13, June 2020. 13 P. Arun, S. Abraham Lincon and N. Prabhakaran, An Automated Method for the Analysis of Bearing Vibration Based on Spectrogram Pattern Matching. Journal of Applied Research and Technology, Vol.17, pp.126136, Oct.2019 14 P. Arun et al., An Investigation on the Effectiveness of Wilson Amplitude for the Detection of chisel Wear in Twist Drill Bit, SJCTET Journal of Engineering Management.,Vol.12,pp.27,June 2019. 15 P. Arun and B. Basheer, Statistical Analysis and Evaluation of NonStationary Signal Using Temporal Features Design and Simulation of Vibroarthrographic Signal Recorder, SJCTET Journal of Engineering Management.,Vol.12,pp.3442,June 2019. 16 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Detection of Murmur from Time Domain Features of Heart Sounds an Investigation, Int. J. of Recent Tech. and Eng., Vol. 8, pp.71623, June 2019. 17 Careena P, Mary Synthuja Jain Preetha M and P. Arun, Detection of Murmur from NonStationarity of Heart Sounds. Biomedical and Pharmacology Journal , Vol.12, pp.947959, June 2019. 18 P. Arun and Arun Vijayan, Design and Simulation of an Automated Road Safety Enhancement System by Testing the Physical Fitness of Driver, Materials Science and Engineering, Vol.396, pp.19, Aug. 2018. 19 P. Arun, Madhukumar S and Careena P, Method for the Investigation of Bearing Vibration Based on Spectrogram Image Comparison, Materials Science and Engineering, Vol.396, pp.2228, Aug. 2018. 20 P. Arun, S. Abraham Lincon and N. Prabhakaran, Nonintrusive Detection and Characterization of Bearing Faults from the Temporal Features of Vibration. Australian Journal of Mechanical Engineering, Vol. 2, pp.18, June.2018. 21 P. Arun and Aneesh R P, Spacecraft command and data system simulator

for the payload chaste in Chandrayaan2 mission, 2017 IEEE International Conference on Circuits and Systems ICCS, Thiruvananthapuram, 2017, pp. 97102. 22 P. Arun, S. Abraham Lincon and N. Prabhakaran, Detection and Characterization of Bearing Faults from the Frequency Domain Features of Vibration, IETE Journal of Research, Vol.64 ,pp.634647.,Sept.17. 23 P. Arun, S. Abraham Lincon and N. Prabhakaran, Reliability of Using Characteristic Frequency Components for the Detection and Characterization of Bearing Faults. Procedia Computer Science, Vol.8, pp.1017, Sept.17. 24 P. Arun, S. Abraham Lincon and N. Prabhakaran, Standard Error of the Sample Autocorrelation as a Measure of NonStationarity, MiddleEast Journal of Scientific Research, Vol.24, pp.27782785, Sept.2016. 25 P. Arun and B. M Philip, Modified CORDIC Architecture for Fixed Angle Rotation, International Journal of Current Engineering and Technology, Vol.5,pp.360610, Dec2015. 26 P. Arun et al., The diagnostic feasibility of median frequency of lung sounds, 2015 IEEE International Conference on Electronics, Computing and Communication Technologies CONECCT, Bangalore, 2015, pp. 16. 27 P. Arun, M. C. Amala, M. Anjaly, T. S. Githin and J. Jomin , An Intelligent Wearable EBelt for Continuous Monitoring of Sinus Rhythm, 2014 Fourth International Conference on Advances in Computing and Communications, Cochin, 2014, pp. 227230. 28 P. Arun and Aneesh R.P, Implementation of an effective and intelligent system for human detection and targeting, IRACST International Journal of Advanced Computing, Engineering and Application IJACEA, Vol. 3 No.4 Aug 2014. 29 P. Arun and S. Silpa , Design and Implementation of Ultra Sonic Path Finder for the Blind, International Journal of Engineering Research Technology IJERT, Vol. 3,pp.17,Feb.2014. 30 P. Arun et al., IEEE 802.15.4 based road traffic management for medical emergency, International journal of advance research in science and engineering, Vol.2, pp.1218, Aug.2013. 31 P. Arun and B. V. Reddy, Development of real models for aircraft simulator, Automation, Computing, Communication, Control and Compressed Sensing iMac4s, 2013 International MultiConference on, Kottayam, 2013, pp. 5258. 32 P. Arun, S. Madhukumar, G. Sabarinath and P. Careena, Implementaion of ZigBee Based Train Anti Collision And Level Crossing Protection System for Indian Railways International Journal of Latest Trends in Engineering and Technology IJLTET, Vol. 2, pp.1219,January 2013 33 P. Arun, S. Madhukumar

and S. Saritha. Simulation of Zigbee based Tacs for Collision Detection and Avoidance for Railway Traffic. International Journal of Computer Applications Special Issue on Advanced Computing and Communication Technologies for HPC Applications ACCTHPCA, Vol.5, pp. 2226, July 2012.

International Conference Sl. No. Details of the Conference 1 Presented a paper entitled A Machine Learning Strategy to Detect COVID19 by Inspecting the Statistical Significance of Standard Deviation of Sound Samples of Healthy, Covid and Post Covid Conditions, IEEE International Conference on Intelligent Systems AICERA: ICIS 2023 held on 16-18 November 2023 at Amal Jyothi College of Engineering, Kanjirappally, Kerala, India 2 Presented a paper entitled Design and Development of an Automated Electronic System for Intravenous Infusion Control, Monitoring and Alerting, 2nd International Conference on Modern Trends in Engineering Technology and Management ICMEM2023 held on 46 May 2023 at Sree Narayana Institute of Technology, Adoor, Kerala, India. 3 Presented a paper entitled Design and Development of a Smart Home Management System based on MQTT, 5th EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing EAI BDCC 2022 on 16th-17th December 2022 at Coimbatore, Tamil Nadu, India. 4 Presented a paper entitled Continuous glucose monitoring CGM A review , International Conference on Microwave Absorbing Materials 2022 at NIT Patna, India on 24-25th August 2022. 5 Presented a paper entitled Design and development of an IoT based intelligent multi parameter screening system, International Conference on Artificial Intelligence and Energy Systems AIES 2021 organized by SJCET Palai, Kerala, India during December 8-9, 2021. 6 Presented a paper entitled Statistical Significance of Wilson Amplitude Towards the Identification and Classification of Murmur from Phonocardiogram, International Conference on Data Analytics Management: An Indo-European Conference ICDAM2021 organized by PIET University, Delhi, 25th to 26th June 2021. 7 Presented a paper entitled The effectiveness of Wilson amplitude for the detection of murmur from the PCG records in the International Conference on Communication Systems and Networks, ComNet 2019 held at Mar Baselios Campus, Mar Ivanios Vidyanagar, Thiruvananthapuram, Kerala during December 12-13, 2019. 8 Presented a paper entitled Waveform Length Based Reliability Analysis for the Detection of Murmur from PCG Records in the Annual International Conference on Emerging

Research Areas AICERA2019 at AmalJyothi College of Engineering, Kanjirapally, Kerala during July 18-20, 2019. 9 Presented a paper entitled Detection of Murmur from Time Domain Features of Heart Sounds an Investigation in the International Conference on Multidisciplinary Engineering Sciences and Information Technology, ICMESIT2019 held at IES Education City, Thrissur, Kerala India during May 02-03 2019. 10 Presented a paper entitled Method for the Investigation of Bearing Vibration Based on Spectrogram Image Comparison in the 2nd International Conference on Global Colloquium in Recent Advancements and Effectual Researches in Engineering, Science and Technology Raerest 2018 held at St. Josephs College of Engineering and Technology, Palai, Kerala, India during April. 20-21, 2018. 11 Presented a paper entitled Reliability of Using Characteristic Frequency Components for the Detection and Characterization of Bearing Faults in the 7th International Conference on Advances in Computing Communications, ICACC2017 held at Rajagiri School of Engineering Technology, Cochin, Kerala, India during Aug. 22-24, 2017. 12 Presented a paper entitled Simulation of Zigbee based Tacs for Collision Detection and Avoidance for Railway Traffic in the International conference, ACCTHPCA held at Federal Institute of Science and Technology, Kerala, India during Aug. 21-22 June 2012. National Conference Sl. No. Details of the Conference

Sl. No	Name of Conference	Year	Duration	Venue
1	AICERA: ICIS	2023	16-18 November	2023 Amal Jyothi College of Engineering, Kanjirappally, Kerala, India.
2	RASSE	2023	November 8-11, 2023	organized jointly by IEEE Systems Council, IEEE Kerala Section and Saintgits College of Engineering, Kerala, India.
3	INDICON	2022	24th to 26th November	2022. CUSAT, Kochi, Kerala
4	ICECCN	2013	25th to 26th March	2013. Infant Jesus College of Engineering and Technology, Tamilnadu, India
5	NATCON	2013	1st to 2nd March	2013. RIT Pampady, Kerala, India

Certified MOOC Courses Sl. No. Details of the Course Certified By

1	Successfully completed the NPTEL online certification MOOC course on Health Research Fundamentals during Jan-Mar
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2024 8 weeks. ICMRNational Institute of Epidemiology, Chennai 2 Successfully completed the NPTEL online certification MOOC course on Developing Soft Skills And Personality during JulSep 2023 8 weeks. NPTEL, IIT Kanpur 3 Successfully completed the NPTEL online certification MOOC course on Design, Technology and Innovation during Jan March 2023 8 weeks. NPTEL, IIT Bombay 4 Successfully completed the NPTEL online certification MOOC course on Accreditation and Outcome Based Learning during Aug Oct 2022 8 weeks. NPTEL, IIT Kharagpur 5 Successfully coordinated and completed a five days AICTE ATAL online workshop on the title Wearable Devices from 17012022 to 21012022 at SJCET, Palai, Kerala. Sponsored by AICTE ATAL academy 6 Successfully completed a five days AICTE ATAL online workshop on the title Advancement of Digital Health and Medical Innovations during Pandemic from 06122021 to 10122021 at Model Engineering College, Kerala. Sponsored by AICTE ATAL academy 7 Successfully completed the NPTEL online certification MOOC course on Introduction to IoT during Jan April 2021 12 weeks. NPTEL, IIT Kharagpur 8 Successfully completed the NPTEL online certification MOOC course on Electronics Equipment Integration and Prototype Building during Jan March 2021 8 weeks. NPTEL, IISc Bangalore 9 Successfully completed a five days AICTE ATAL online workshop on the title Cybersecurity, from 15 February 2021 at Central University of Kerala, Kerala. Sponsored by AICTE ATAL academy 10 Successfully completed the two week AICTE Sponsored Faculty Development Programme Machine Learning and deep learning A handson Approach from 719 December 2020 organized by Division of Electronics Engineering, School of Engineering, Cochin University of Science and Technology, Kochi, Kerala. Sponsored by AICTE 11 Successfully completed two week online STTP on the title Scientic Computing with Python from 9th to 20th November 2020, at Rajiv Gandhi Institute of Technology, Govt. Engineering College, Kerala Sponsored by TEQIP 12 Successfully completed a five days AICTE ATAL online workshop on the title Photonics, from 19th October to 23rd October 2020 at Gvt. Model. Engg. College, Kochi, Kerala Sponsored by AICTE ATAL academy 13 Successfully completed a five days AICTE ATAL online workshop on the title Computer Science Biology, from 24th August to 28th August 2020. Sponsored by AICTE ATAL academy 14 Successfully completed AICTE Sponsored Online Short Term Training Program on the

title Introduction to Electric Vehicles Challenges and Opportunities in Future World Case Studies
 from 03rd August to 08th August 2020 at Saintgits College of engineering, Kottayam. Sponsored by
 AICTE 15 Successfully completed an online workshop on the title Robot operating system, from
 14th to 20th May 2020. RAS Chapter, IEEE Kerala Section 16 Successfully completed a five days
 online workshop on the title LaTeX Workshop 2020, from 11th May to 15th May 2020. NICHE,
 Tamilnadu 17 Successfully completed a two weeks online MOOC course on Online Learning and
 Content Development from 18th April 2020 to 2nd May 2020. Directorate of Collegiate Education,
 Govt. of Kerala 18 Successfully completed a nine weeks online MOOC course on Image and Video
 Processing: From Mars to Hollywood with a Stop at the Hospital on 01052020 Coursera 19
 Successfully completed the NPTEL online certification MOOC course on Introduction to Industry 4.0
 and Industrial Internet of Things during Jan April 2020 12 weeks. NPTEL, IIT Kharagpur 20
 Successfully completed a four weeks online MOOC course on Cybersecurity and the Internet of
 Things on 22042020 Coursera 21 Successfully completed a one week online MOOC course on
 Image Classification with CNNs using Keras on 19042020 Coursera 22 Successfully completed the
 online MOOC course on Electronics and PCB Design on 12th January 2020. UDEMY 23
 Successfully completed the online MOOC course on STM32CubeMX Essential Training: Saving
 time on firmware development with CubeMX on 12th January 2020. UDEMY 25 Successfully
 completed the NPTEL online certification MOOC course on Introduction to R Software during Aug
 Oct 2019 8 weeks. NPTEL, IIT Kanpur 26 Successfully completed the online MOOC course on PLC
 Programming 100 on 22nd December 2019. UDEMY 27 Successfully completed the online MOOC
 course on ARM Cortex M: Modular Embedded Systems Design on 07262019. UDEMY Industrial
 Professional Training Programs SI No.Details of the ProgramSponsored by 1 Attended a two week
 Short term training program on CMOS, mixed signal and Radio Frequency VLSI design, IIT
 Kharagpur, India, from 30th January to 4th February 2017. Sponsored by MHRD ISTE 2 Attended a
 two week Short term training program on Technical Communication, IIT Bombay, Bombay, India,
 Oct. 0811 and Nov 30 Dec 5 .2015. Sponsored by MHRD ISTE 3 Attended a two week Short term
 training program on Control systems, IIT Kharagpur, India, 2nd to 12th December 2014. Sponsored

by MHRD ISTE 4 Attended a two week Short term training program on signals and systems, IIT Kharagpur, India, 2nd to 12th January 2014. Sponsored by MHRD ISTE 5 Attended a two week Short term training program on software development techniques for teachers of engineering and science institutes, IIT Bombay, Bombay, India, during 5th November to December 4th 2011. Sponsored by MHRD ISTE 6 Attended a twoweek Industrial training at BNA Technology Consulting Ltd., Kochi, Kerala in Structured cabling Design Build to network integration to Industrial Communication Systems during the period of 22nd August 2011 to 7th September 2011 BNA Technology Kerala Patents Fundings Patents Obtained

Sl.No.	Title of the invention	Details
1	AUTOMATED MILK COLLECTION CENTRE FOR INDIAN VILLAGES	Application No.202041049776A, Publication Date: 20112020

Funding Received Received an amount of Rs.350000 from AICTE for conducting the AICTE ATAL offline FDP on the topic Unleashing the potential of SoC and its Architecture from 15012024 to 20012024. A project entitled Design and Development of a system for the Differential Diagnosis and Classification of Voice disorders from the Vocal Cord Vibration submitted to AICTE under RPS scheme is provisionally selected for a funding of Rs. 21,02,000 approval orders awaited in March 2022. Received an amount of USD 200 for a project entitled IntrothonA walk through the Preuniversity students on what Engineer is all about by IEEE R10 EAC Reaching Local Initiative on 05052022. Received an amount of Rs.300000 from AICTE for conducting the AICTE ATAL online FDP on the topic Wearable Devices from 17012022 to 21022022. Received an amount of USD 150 for a project entitled AILE by IEEE R10 on 21022021. An amount of USD 355 was sanctioned for a project entitled PREVENTIA by HAC R10 HTA on 15072021. A research seed money of Rs.40000 has been sanctioned by KTU for the project entitled COVBOT An IoT based intelligent wall mount multifunctional screening system on 02092021.

Achievements

Sl. No.	Achievements
1	Secretary, IEEE RAS Kerala Chapter, 2023, 2024
2	Research Supervisor APJA Kerala Technological University.
3	Reviewer Journal of Sound and VibrationElsevier
4	Reviewer Australian Journal of Electrical and Electronics Engineering Taylor and Francis
5	Reviewer Measurement Science and Technology IoP Publishers
6	Reviewer Australian Journal of Mechanical Engineering Taylor and Francis
7	Reviewer Journal of Vibration and Control

SAGE 8 Reviewer The International Journal of Intelligent RealTime Automation IFAC 9 Reviewer
Automatika Taylor and Francis 10 Chapter Advisor, IEEE RAS Chapter, IEEE SB SJCET 11
Advisor, IEEE SIGHT Affinity Group, IEEE SB SJCET 12 Hold the position Joint Secretary, IEEE
RAS Kerala Chapter during 2022. 13 Hold the position, Academic Relations Coordinator, YP SCT,
IEEE India Council 2021. 14 Served as the Branch counselor of IEEE SB SJCET from 2018 to 2021. 15
Received the best IEEE student branch counselor award 2020 of IEEE Kerala section. 16 Received
the IEEE R10 Regional Exemplary Student Branch Award 2020 under the counselorship. 17 Bore
a major role in the formation of IEEE SIGHT affinity group in IEEE SB SJCET 18 Received the best
IEEE student branch counselor award 2019 of IEEE Kochi subsection. 19 Received the outstanding
IEEE student branch award 2019 of IEEE Kochi subsection under the counselorship. 20 Received
the appreciation certificate in recognition of the services and contribution as the student branch
counselor of SJCET Palai student branch of IEEE Kerala Section 2019. 21 Served as the Counselor
of IEEE Kochi Hub Meet 2019 held at SJCET Palai. 22 Bore a major role in the formation of
Robotics and Automation Society chapter in IEEE SB SJCET

Department of Computer Science and Engineering Achievements Archive SJCET Palai Department
of Computer Science and Engineering Achievements Archive Software Development Center
20200103T08:36:4900:00 STUDENT ACTIVITIES ACHIEVEMENTS Googles DEVELOPER
STUDENT CLUB PROGRAMS Congratulations to Praveen K S, S6 CSE for being selected as the
Lead for Googles Developer Student Club of St. Josephs College of Engineering and Technology,
Palai KDISC YOUNG INNOVATORS PROGRAMME Congratulations to Reon Saji, S6 CSE for
being selected Young Innovators Programme YIP by Kerala Development and Innovation Strategy
Council KDISC, a strategic thinktank and advisory body constituted by the Government of Kerala.
SMART INDIA HACKATHON 2018 WINNERS Congratulations to Team Kryptonite 6. Reon Saji,
Praveen K S, Sandeep Salmon, Smitha John, Hanna George and Neethu Naduvathettu of St.
Josephs College of Engineering and Technology, Palai bagged the All India Persistent Inspiration
Award at the 2nd Smart India Hackathon, which is the worlds biggest Hackathon organized by

AICTE, MHRD and MyGov. STARTUP WEEKEND KOCHI Startup Weekend is a 54hour weekend event, during which groups of developers, business managers, startup enthusiasts, students, graphic artists and more pitch ideas for new startup companies, form teams around those ideas, and work to develop a working prototype, demo, or presentation by Sunday evening. Startup Weekend has grown into an organization with a global presence. DSC SUMMIT 2018 As a Developer Student Club Lead of St. Josephs College of Engineering and Technology, Palai, Reon Saji got the opportunity to attend Worlds first DSC Summit in Goa. The summit focused on skillsknowledge helpful for the student Leads to impact their campuscommunity. GHCI 17 STUDENT SCHOLARSHIP AWARD Pritika Merryl Prasad, Stefy Thomas Sheby Mariam Babu of Seventh Semester Computer Science Engineering students are selected for the Grace Hopper Celebration Indias GHCI 17 student scholarship award. The Grace Hopper Celebration of Women in Computing is presented by the Anita Borg Institute for Women in Technology and the Association for Computing Machinery ACM. Congratulations On your achievement. DEVELOPER WEEKEND Students from Department of Computer Science and Engineering participating in Keralas Biggest Developer Conference DEVELOPER WEEKEND held at Trivandrum by bHub. In the nutshell it is the complete communitydriven event for developers to meet and learn new things in an effective manner WOMEN TECHMAKERS Stefy Thomas and Aleena Ajay. Students from St. Josephs College of Engineering Technology, Palai sharing there experience about the NGO and Women initiated events at Google Developers group event WOMEN TECHMAKERS . Congratulations GOOGLE APPLIED CS WITH ANDROID FACILITATOR Applied CS is a free online course by Google designed to prepare students for their CS career through hands on coding experience. Congratulations Reon Saji , Third Semester Computer Science Engineering student for being selected as the facilitator for the Google Applied CS with ANDROID MOZILLA FIREFOX QUANTUM SPRINT Mozilla Firefox Quantum Sprint at St. Josephs College of Engineering Technology, Palai. As Mozilla launches their new and improved version of Firefox with a new browser engine, Mozilla SJ CET conduct Firefox quantum spirit with a day of installation, talks and also tested several pages with the objective of seeing if there are any flaws. 6TH CSIINAPP NATIONAL PROJECT

COMPETITION 2017 Congratulations to Avees Joseph, Jerin Thomas, Aiswarya Sambath and Anjaly Manuel Final year Computer Science Engineering students who emerged as first runners up of National level student project competition jointly organized by Computer Society of India CSI and In App Solutions.

Artificial Intelligence And Data Science SJCET Palai Artificial Intelligence And Data Science Software Development Center 20230821T06:24:1600:00 About the Department Established in 2020 with an initial intake of 60 students, the Department of Artificial Intelligence and Data Science offers a graduate program that has been approved by the All India Council for Technical Education AICTE and is affiliated with APJ Abdul Kalam Technological University KTU. The department is equipped with stateoftheart infrastructure and possesses a wellqualified, experienced, and dedicated faculty team. The departments success is attributed to the innovative and creative outlook of its students, who actively participate in cocurricular activities, such as IEEE,and extracurricular activities, such as sports and social events, throughout the academic year. The department also facilitates technologyenabled learning,with students actively participating in NPTEL and codingproject competitions across the country. VISION MISSION PEO PSO PO VISION To achieve excellence in artificial intelligence and data science to cater the everchanging industrial and socioeconomic needs. MISSION To provide highquality and valuebased technical education in Artificial Intelligence and Data Science program. To establish an infrastructure fostering industryinstitute interaction in order to meet global expectations and requirements. To empower students to become globally competent and effective problemsolvers to develop entrepreneurial skills and higher studies. PEO Program Educational Objectives PEO PEO1: The graduates will have ample logical, computing and analytical reasoning capability to excel in the industries as data scientists, computer professionals and researchers or as entrepreneurs. PEO2: The graduates will be able to adapt with recent technological advancements and evolving industrial trends by utilizing their computer engineering and mathematical skills. PEO3: The graduates will portray strong ethical values and an overwhelming spirit of social commitment to accentuate societal growth. PSO Program Specific

Outcomes PSO PSO1: The graduates of the program will apply the computational knowledge and algorithmic principles of artificial intelligence and data science to bring in optimal solutions to complex computational problems through the development of innovative AI based applications.

PSO2: Demonstrate ethics in artificial intelligence and data science while implementing scientific techniques to integrate intelligent systems. PO PROGRAMME OUTCOMES PO PO1: Engineering

knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems. PO2: Problem analysis:

Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using the first principles of mathematics, natural sciences, and engineering sciences. PO3: Designdevelopment of solutions: Design solutions for complex

engineering problems and system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. PO4: Conduct investigations of complex problems: Use

researchbased knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering

and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations. PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings PO10:

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports

and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. PO12: Lifelong learning:

Recognize the need for, and have the preparation and ability to engage in PROGRAM DETAILS

Artificial Intelligence and Data Science Artificial Intelligence AI and Data Science DS are distinct but

complementary fields that have become increasingly important in recent years.AI involves creating

machines that can simulate human intelligence processes, while DS focuses on extracting

meaningful information from data to solve realworld problems. Together, AI and DS comprise a new

interdisciplinary field that draws on various domains, such as engineering science, statistics,

cognitive science, computing, health science, and information science. Students in this field learn

how to design and implement AI and DSbased solutions for engineering and business problems,

including machine learning, data visualization, semantic web and social network analytics,

blockchain technologies, and data security and privacy. Big data solutions have changed the way in

which business models are built and run. This program is ideal for those looking to develop

intelligent engineering systems and business solutions in the age of big data. PROFESSIONAL

SOCIETIES AND ASSOCIATIONS THE INSTITUTE OF ELECTRICAL AND ELECTRONICS

ENGINEERS IEEE IEEE opens the door to opportunities that will help students to develop their

professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and

mathematics STEM. In addition to accessing a range of membership benefits, students will make

global connections with people who can help students along their targeted career path through

IEEE's international community of members and volunteers. ADSA Artificial intelligence and Data

Science Students Association The Department of Artificial intelligence and Data has science is a

newly involved department of this Institution. Education is simply the soul of a society as it passes

from one generation to another. Commemorating the quote of a famous American civil rights activist,

A word as to the education of the heart, we dont believe that this can be imparted through books, it

can only be imparted through the loving touch of the teacher, ADSA was proposed with the objective

to organize various activities that consists of drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department.

INITIATIVES BEYOND THE CLASS ROOM

Mentor System

Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with students, orients them to college practices, follows their progress regularly and guides them throughout the fouryear course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps the parents to keep track of their child and their academic performance.

Remedial Education

The students with backlogs have a heavy load as they must take exams simultaneously for both the new semesters subjects as well as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the fouryear engineering course. To help our students from such situations, remedial classes are provided by the AI DS department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease.

Placement Training

Placement training is an integral part of the departments curriculum in the college, aimed at preparing Artificial Intelligence and Data Science students for the competitive job market. The AD department organizes comprehensive workshops and seminars to enhance students employability skills. These sessions cover various aspects such as resume writing, interview techniques, and professional etiquette. The college also invites industry experts and professionals to conduct mock interviews and provide valuable feedback to students. Additionally, the department facilitates internships and industry collaborations to expose students to realworld scenarios and foster practical knowledge. The ultimate goal of placement training is to ensure that students are wellearned and confident to secure lucrative job opportunities upon graduation.

LEARNING MANAGEMENT SYSTEM

Learning Management System LMS

designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. [Visit Here](#)

NPTEL Local chapter NPTEL Local chapter NPTEL is the largest repository of online courses in Engineering, Science Humanities from India's best Institutes. Students can experience class room like learning from the experts. SJ CET Palai is now a Local Chapter of NPTEL. The students of SJ CET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJ CET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. Coursera Campus Response Initiative Coursera's mission is to transform lives through learning. To help minimize the impact of the coronavirus COVID19 outbreak on students, the Coursera community is launching a global effort to assist universities and colleges to deliver courseware online. SJ CET has joined in this initiative. Now our students can access 3,800 courses and 400 Specializations in Coursera absolutely free of cost.

OUR STRENGTH Dr Renjith Thomas Associate Professor HoD Ms. Rashmi Annamma George Assistant professor Mr. Jacob Thomas Assistant Professor Ms. Jabin Mathew Assistant Professor Ms. Shelcy Paulose Assistant Professor Ms. Neena Joseph Assistant Professor Ms. Neethu Tom Assistant Professor Mr. Dheeraj N Assistant Professor Mr. Elvin Kuruvilla Assistant Professor Ms. Saritha M S Assistant Professor Ms. Sreereshmi T S Assistant Professor Mr. Jomy Joseph Instructor Mr. Adarsh C Ravi Instructor

DEPARTMENTAL ACTIVITIES

Sl. No.	Area of Training	No. of students attended	Mode	Period of training
1	Industry Institute Interaction Session	60	Offline	June, 2023
2	Talk on Importance of Internship selection based on the area of Cyber security	59	Offline	April, 2023
3	Python programming and statistical modelling	59	Offline	March, 2023
4	Handson Workshop on AIML MATLAB toolkit and Applications	45	Online	March 1, 2023
5	Discussion on Latest trends and Developments in AI	45	Online	March, 2023
6	Talk on Project Selection and Implementation	60	Offline	February, 2023
7	Introduction to Deep Learning	50	Online	November 1, 2022
8	Practical Introduction to Machine Learning	55	Online	November, 2022
9	Introduction to Machine Learning	60	Offline	October, 2022
10	Opportunities in AI fields	120	Online	September, 2022

Online Workshop was conducted based on the topic Introduction to Machine Learning by Deepu Sasi on 14th April 2023. Online webinar was conducted based on the topic Basics of Python by Ajay T Shaju on 4th

April 2023. Online webinar was conducted based on the topic Latest trends and developments in AI by Mr. Karthik K on 7th March 2023. Online webinar was conducted based on the topic Introduction on Toolkits of AIML by Mr. Rakshith Kashyap on 4th March 2023. Offline Workshop was conducted based on the topic Introduction to Python Programming and Statistical Modelling by Mr. Akshayraj M R and Muhammed Raees on 2nd and 3rd March 2023. A talk on Mini Project Presentation was conducted by Mr.Sarju S Assistant Professor of Computer Department on 9th February 2023. Offline Workshop was conducted based on the topic Basics of Matlab Python by Mr. Akshayraj M R and Muhammed Raees on 14th15th and 21st22nd October 2022.

ACHIEVEMENTS

Staff Staff Publications

C. S. Kingsly, N. George, N. Joseph, K. Johnpeter, S. K. Joseph and K. A. Mohamed Riyazudeen, Wireless IoT Security Management Enhancement and Optimization using Various Elements, 2023 5th International Conference on Smart Systems and Inventive Technology ICSSIT, Tirunelveli, India, 2023, pp. 555561, doi: 10.1109/ICSSIT55814.2023.10060989. V. Deepa, C. S. Kumar and T. Cherian, PreTrained Convolutional Neural Network for Automated Grading of Diabetic Retinopathy, 2022 First International Conference on Electrical, Electronics, Information and Communication Technologies ICEEICT, Trichy, India, 2022, pp. 15, doi: 10.1109/ICEEICT53079.2022.9768480. Neethu Maria John, Neena Joseph , Nimmymol Manuel , Sruthy Emmanuel , Simy Mary Kurian, Efficient data aggregation and improved prediction in cooperative surveillance system through Machine Learning and Particle Swarm based Optimization, EAI Endorsed Transactions on Energy Web, 03 June 2021, doi: 10.4108/eai.362021.170014 V. Deepa, C. S. Kumar, T. Cheriyan, Ensemble of multistage deep convolutional neural networks for automated grading of diabetic retinopathy using image patches, J. King Saud Univ., Comp. Info. Sci., May 2021. doi.org10.1016 j. jksuci.2021.05.009. Elsevier publications SCIE, IF: 13.473 V. Deepa, C. S. Kumar, S. Susan Andrews, Fusing dualtree quaternion wavelet transform and local meshbased features for grading of diabetic retinopathy using extreme learning machine classifier, Int. J. Imaging Syst. Technol., April. 2021. doi: DOI:10.1002/ima.22573. Wiley Online Library SCIE, IF:2.0 Deepa V, Sathish Kumar C, Cherian T. Automated grading of diabetic retinopathy using CNN with hierarchical clustering of image patches by siamese network. Phys Eng Sci Med. 2022

Jun452:623635. doi: 10.1007s1324602201129z. Epub 2022 May 19. PMID: 35587313. Conference FDP Seminars Workshops Attended Prof. Neena Joseph successfully completed 5 days Faculty Development program on The Intelligent Future: Unlocking the Potential of Artificial Intelligence organised by Department of Electronics communication Engineering, Mangalam college of Engineering, from 3rd to 7th July 2023. Dr. Deepa V successfully completed 5 days Faculty Development program FDP cum workshop on Next Generation computing paradigms for Big Data Applications at IIIT Kottayam from 5th June to 9th June 2023. Prof. Jacob Thomas has participated and successfully completed ISTE approved online SFSTTP FDP programme on Electrical Vehicle organized by DKTES Yashwantrao Chavan Polytechnic, Ichalkaranji, Maharashtra from 23rd to 25th March 2023. Prof. Jacob Thomas has participated and successfully completed FDP on Distributed Computing organised by Department of Computer science and Engineering, at Sree Narayana Gurukulam College of Engineering from 30th January to 1st February 2023. Prof. Jacob Thomas has participated and successfully completed KTU sponsored five day faculty development programme on Blockchain Technology its applications organised by Department of Computer science and Engineering, St. Josephs college of Engineering and Technology, Palai from 16th to 20th January 2023. Prof. Shelcy Paulose has participated and successfully completed KTU sponsored five day faculty development programme on Blockchain Technology its applications organized by Department of Computer science and Engineering, St. Josephs college of Engineering and Technology, Palai from 16th to 20th January 2023. Prof. Minu Cherian has participated and successfully completed KTU sponsored five day faculty development programme on Blockchain Technology its applications organized by Department of Computer science and Engineering, St. Josephs college of Engineering and Technology, Palai from 16th to 20th January 2023. Dr. Deepa V successfully completed 1 week Faculty Development program FDP on Statistical and Machine Learning Techniques with Applications at IIIT Kalyani from 2nd to 6th January 2023. Prof. Minu Cherian has participated and successfully completed ten days faculty development programme on Deep Learning: Models and use cases using Python organized by Indian Institute of Information Technology Kottayam from 12th DEC to 21st DEC. Prof. Shelcy Paulose has participated and

successfully completed ten days faculty development programme on Deep Learning: Models and use cases using Python organized by Indian Institute of Information Technology Kottayam from 12th DEC to 21st DEC. Prof. Minu Cherian has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Prof. Shelcy Paulose has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Prof. Jabin Mathew has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Dr. Deepa V has participated and successfully completed five day faculty development programme on Demystifying Machine Learning Algorithms organized by Department of Artificial Intelligence and Data science Muthoot Institute of Technology and Science from 10 OCT to 14 OCT 2022. Prof. Minu Cherian participated in a webinar series on Data science and Machine learning in Real world, conducted on September 14th 2022 by IIIT Kottayam. Prof. Shelcy Paulose participated in a webinar series on Data science and Machine learning in Real world, conducted on September 14th 2022 by IIIT Kottayam. Prof. Preema Theresa Varghese has participated in the FDP on AI ML Industry practices and Perspectives conducted by TCS from 12th September to 16th September 2022. Ms Jabin Mathew participated and successfully completed 1 week International FDP on Advanced research and quality publication at FISAT from 29th August to 2nd November 2022. Prof. Preema Theresa Varghese has participated and successfully completed 1 week International FDP on Advanced research and quality publication at FISAT from 29th August to 2nd November 2022. Prof. Jabin Mathew has attended TEQIP II three days online FDP on Demystifying Cyber Security from 29th August to 31st August 2022. Prof. Preema Theresa Varghese has attended TEQIP II three days online FDP on Demystifying Cyber Security from 29th August to 31st August 2022. Dr. Deepa V has attended KTU sponsored FDP five days online FDP on Online FDP

on Practical Data Science from 19th august to 23st august 2022. Dr. Deepa V has attended 5 days FDP organized by IIIT, Sri City on WADLA 2.0 Research Workshop on Advances in Deep Learning and Applications from 21st to 25th February 2022. Dr. Deepa V has attended 5 days FDP organized by NIT, Jalandhar on Online shortterm course on Advanced Techniques of Material Characterization for Research from 25th to 29th October 2021. MOOCOnline Certifications Deepa V successfully completed NPTEL online certification on Introduction to Machine Learning. Deepa V successfully completed NPTEL online certification on Deep Learning. Jabin Mathew successfully completed NPTEL online certification on Python for Data Science. Preema Theresa Varghese successfully completed NPTEL online certification on Python for Data Science. STUDENTS Joseph Varkichen of S6 AD successfully participated in Hackabot organized by SJCET Palai on 30th April 2023. Gouri S Govind of S6 AD successfully participated in Hackabot organized by SJCET Palai on 30th April 2023. Deeptha Shaji of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Thushar Thomas Thakadipurath of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Ajay T Shaju of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Aleena James of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Saira Susan John of S6 AD successfully participated in webinar on IEEE Explore organized by SJCET Palai on 28th April 2023. Ajay T Shaju of S6 AD successfully completed EBSCO training on EBSCO hostGeneral on 27th April 2023. Hrudya N Nair of S6 AD has participated in Arduino simulation using Tinkercad conducted by IEEE RAS SBC LBSITW on 5th April 2023. Alaika Shaji of S6 AD successfully participated in QUIZTOPIA,quiz competition organized by college of engineering,Kidangoor on 22nd March 2023. Ashly Elizabeth Joseph of S6 AD has participated in Python workshop organized by IEEE SB SJCET Palai. Deeptha Shaji of S6 AD has participated in Python workshop organized by IEEE SB SJCET Palai. Ajay T Shaju of S6 AD successfully participated in TRACCIA, organized by IEEE SB SJCET Palai on 27th February 2023. Jaidon Gill Shajan of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Jayasankar Shyam Shajan of S5 AD won 3rd Prize in

HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Ajay T. Shaju of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Priyan V of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Hashif V of S5 AD won 3rd Prize in HACKATHON CONDUCTED BY IEDC CEK AND SJCET BOOTCAMP, February 2023. Hrudya N Nair of S6 AD has participated in Python workshop organized by IEEE SB SJCET Palai. Jaidon Gill Shajan of S5 AD is being selected as the UiPath Student Developer Champion 202223. Jubi Babu from S3 AD participated in a workshop on contemporary development in Alat Zoyola college campus in Trivandrum. FACILITIES Artificial Intelligence Data Science Lab Library and Reprographic Centre Machine Learning and Deep Learning Lab PROJECTS BY STUDENTS

Christy Francis Lonth SJCET Palai Christy Francis Lonth Software Development Center 20190116T06:22:3300:00 Prof. Christy Francis Lonth Assistant Professor Department of Civil Engineering Mobile Number: 91 9446452162 Email: christy.francis.lonthsjcetpalai.ac.in Date of Joining: 01082018 Nature of association: Contract Education Experience Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech CUSAT University College of Engineering, Kidangoor 2015 Civil Engineering 2 M.Tech APJ Abdul Kalam Technological University St. Josephs College of Engineering and Technology, Palai 2018 Structural Engineering and Construction Management Experience Teaching Experience : From 01082018 till now Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 SJCET, Palai Asst. Professor From 01082018 till now

Asha Alice Kulavattom SJCET Palai Asha Alice Kulavattom Software Development Center 20220513T08:59:0200:00 Prof. Asha Alice Kulavattom Assistant Professor Department of Civil Engineering Mobile Number: 91 9495333722 Email: ashaalicesjcetpalai.ac.in Date of Joining:04082008 Nature of association:Regular Education Memberships Experience Workshops Attended Publications FDP MOOC Courses Education Sl.NoQualificationUniversityInstitutionYear of

passingSpecialization 1 B.Tech CIVIL Kerala University COLLEGE OF ENGINEERING,
 TRIVANDRUM 1990 Civil Engineering 2 M.Tech M.G. University M A COLLEGE OF
 ENGINEERING, KOTHAMANGALAM 2011 Computer Aided Structural Engineering Memberships
 Life Member INDIAN SOCIETY FOR TECHNICAL EDUCATION Experience Date of joining SJCTET :
 04082008 Status as on date of joining : Lecturer Present status : Assistant Professor Previous
 Experience Industrial Experience : 9 years 6 months Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 St. Josephs College of Engineering
 Technology, Palai Assistant Professor 04082008 till now 2 Mangalam College of Engineering,
 Ettumanoor Lecturer 6 Years 3 Poonjar Engineering College Lecturer 3 months 4 Kerala Water
 Authority, Erattupetta Assistant Engineer 6 months 5 Sheltec Engineers, Erattupetta Engineer 6
 years 6 PWD Building Division, Kottayam Apprentice Engineer 1 year 7 Nirmithi Kendra, Kottayam
 Site Engineer 1year Workshops Attended AICTE Sponsored QIP Short term course on Professional
 Capacity Building in Structural Engineering organized by Department of Civil Engineering, Rajiv
 Gandhi Institute of Technology, Kottayam from 4th to 16th December 2017 ISTE STTP on
 Introduction to Structural Engineering conducted by IIT Kharagpur from 30th November 2015
 9thJanuary 2016. Workshop on Design of composite steel and concrete structures conducted by
 Saintgits Engineering College in association with ISTE, on 8th 9th May 2014. ISTE Workshop on
 Engineering Mechanics conducted by IIT Bombay from 26th November 6th December 2013. ISTE
 Workshop on Green Building Awareness conducted by IIT Bombay on 24th Aug 2013. Workshop on
 Design of special steel structures conducted by Marian Engineering College, Trivandrum on
 November 19 20th 2012. ISTE Workshop on Introduction to Research Methodology, conducted by
 IIT Bombay on 25th June 4th July 2012. STTP on Recent Advances in Civil Engineering, Amaljyothi
 College of Engineering from 610, December 2011. ISTE STTP on Fundamentals of Structural
 Analysis organised by Mar Athanasius College of Engineering, Kothamangalam on June 712, 2010.
 Induction Training Program on Teaching Excellence Methodologies, sponsored by ISTE Kerala
 section from 2530 May 2009, at Government Engineering College, Thrissur. Workshop on Advances
 in Manufacturing Production Management on 2324th April 2009, at SJCTET, Palai. Workshop on

Energy Management Challenges Future Prospects on 1923rd January 2009, at SJ CET, Palai.

Publications Journals : Anitta P Jose and Asha Alice K. Location of steel plate shear wall for rectangular building. International journal of Science Research IJSR. Volume 6 Issue 4, April 2017

Deva Kurusinkan, Asha Alice Kulavattom. Strengthening of masonry structures. A review International research journal of Engineering and Technology, Volume 9, Issue 4, April 22

Arathi madhusoodhanan, Asha Alice Kulavattom, A parametric finite element study on concentrated load distribution in corrugated steel decks, International research journal of Engineering and Technology, Volume 9, Issue 5, May 22

Conference : Merin Maria Alex, Nikhil Mohanan and Asha Alice Kulavattom. Numerical Study of Dual Web Steel Plate Girders Under Buckling, Monotonic Load Response And Hysteresis Behaviour. IOP Conference Series: Materials Science and Engineering, Volume 396, Number 1. April 2018

Alka George, Nikhil Mohanan and Asha Alice Kulavattom. Effect of multilayers in Aluminium corrugated sandwich panels under blast loading. IOP Conference Series: Materials Science and Engineering, Volume 396, Number 2, April 2018

FDP STTP on Advances in Bridge Engineering Design and Research Perspective from 21st to 25th march 22 organised by Government Engineering College Thrissur. FDP on Recent Advances in Seismic And wind load analysis of structures from 7th to 11th June 21 organised by Mar Baselios College of Engineering Technology, Thiruvananthapuram. AICTEISTE approved Refresher programme on Outcome based education in professional institutions from 27th December to 1st February 22 organised by St. Josephs College of Engineering Technology, Palai.

Workshop on NAAC NBA accreditation on 14th November 21 organised by Educorp Centre for Research and Advanced Studies Pvt Ltd. Thiruvananthapuram. FDP on Forensics in Structural and Geotechnical Engineering from 15th to 19th March 21 organised by Albertian Institute of Science Technology, Kalamacherry. Advanced course on Limit State Design of Steel Structures from 12th to 14th February 20 organised by CSIRSERC, Chennai.

STTP on Guidance Counselling from 8221 to 13221 organised by St. Josephs College of Engineering Technology, Palai. FDP on A short course on Random vibrations from 91219 to 141219 organised by Rajagiri School of Engineering Technology, Kochi. STTP on Professional capacity building in Structural Engineering from

41217161217 organised by Rajiv Gandhi Institute of Technology, Kottayam ISTE STTP on Introduction to Structural Engineering from 301115 9116 conducted by IIT Kharagpur under the NMEICTMHRD at SJ CET Palai. ISTE STTP on Environmental Studies from 2520151262015 conducted by IIT Bombay under the NMEICTMHRD at SJ CET Palai. FDP on Design of Composite Steel and Concrete Structures from 852014952014 at Saintgits College of Engineering, Pathamuttom. ISTE Workshop on Engineering Mechanics from 26112013 6122013 conducted by IIT Bombay under the NMEICTMHRD at SJ CET Palai. ISTE Workshop on Green building awareness from 2482013 conducted by IIT Bombay at SJ CET Palai. Workshop on Design of Special Steel Structures from 191112201112 conducted by Marian Engineering College, Kazhakuttam. ISTE Workshop on Introduction to Research Methodologies from 257124712 conducted by IIT Bombay under the NMEICTMHRD at SJ CET Palai. STTP on Recent Advances in Civil Engineering from 61211101211 organised by Amal Jyothi College of Engineering, Kanjirappally. ISTE STTP on Fundamentals of Structural Analysis from 761012610 organised by M A college of Engineering, Kothamangalam Induction Training programme on Teaching Excellence Methodologies from 2552009 3052009 sponsored by ISTE Kerala section at Govt. Engineering College, Thrissur. Workshop on Energy Management Challenges And Future Prospects from 191200923122009 organised by St. Josephs College of Engineering Technology, Palai. Webinars 1. Webinar on Virtual Class room : Enhance Teaching through Learning Management System on 15 th June 2021 organised by EBSCO information services. 2. Webinar on Scientific publishing on 10th July 2020 organised by Mar Baselios College of Engineering Technology, Thiruvananthapuram. 3. Webinar on Emerging trends in Civil Engineering from 30th June to 2nd July 2020 organised by Easwari Engineering College. Chennai. 4. Webinar on Online tools for Researchers on 7th July 2020 organised by Albertian Institute of Science and Technology, Kalamassery. MOOC Courses 1 NPTEL course on Retrofitting Rehabilitation of Civil Infrastructure Exam conducted on 23422 Conducted by NPTEL

Dr. Jyothis Thomas SJ CET Palai 2 Faculty Development Programme on AI Data Sciences: A

Pedagogical Approach Online 9th to 13th of Aug 2021 five day Dept. of Electronics and Communication Engineering, SJCT Palai, sponsored by APJAKTU 3 Faculty Development Programme on Practical Data Science Online 19th to 23rd of July 2021 five day Dept. of Computer Science and Engineering, SJCT Palai, sponsored by APJAKTU 4 Faculty Development Programme on R Online 7th to 14th of September 2020 one week Mar Thoma College, Thiruvalla in association with Spoken Tutorial IIT Bombay 5 Short Term Training Programme on Guidance and Counselling Online 12th to 17th of October 2020 one week St. Josephs College of Engineering and Technology, Palai sponsored by AICTE 6 Faculty Development Programme on MOODLE Learning Management System Online 12th to 17th of May 2020 one week V.P. Institute of Management Studies and Research, Sangli in association with Spoken Tutorial IIT Bombay 7 Faculty Development Programme for Student Induction Programme for AICTE approved institutions 11th to 13th June 2018 3 day AICTE at College of Engineering, Munnar 8 Short Term Course on R Programming from 21st to 23rd July 2016 3 day Mar Athanasius College of Engineering, Kothamangalam in 99 association with Indian Society for Technical Education ISTE 9 Short Term Training Programme on Data Analysis Using Computational Softwares from 27th June to 2nd July 2016 one week Department of Mathematics, Rajiv Gandhi Institute of Technology Kottayam 10 Introduction to Design of Algorithms from 27th April to 30th May 2015 St. Josephs College of Engineering Technology, Palai, IIT Kharagpur 11 Research Methods and Data Analysis using SPSS and MS Excel from 02nd to 07th June 2014 one week School of Management Studies Centre for Continuing Education, National Institute of Technology, Calicut 12 Feel Teacher Learning and Development Intervention 12nd to 14th December 2013 three day St. Josephs College of Engineering Technology, Palai 13 Introduction to Research Methodologies from 25th June to 04th July 2012 a two week St. Josephs College of Engineering Technology, Palai, conducted by Indian Institute of Technology Bombay 14 Soft Computing Theory and Techniques from 21st to 25th May 2012 one week Department of Mathematics of National Institute of Technology, Calicut 15 Residential course work as part of the Ph.D. programme July 2010 to Dec 2010 one semester National Institute of Technology, Calicut 16 Research Methodology from 7th to 8th September 2009 two day Dept. of Mechanical Engineering

the Centre for Continuing Education, National Institute of Technology, Calicut 17Relevance of Mathematics in Engineeringfrom 17, to 22, August 2009 one weekDept. of Basic Science, Amal Jyothi College of Engineering, Kanjirappally 18Teaching Excellence Methodologiesfrom May 12, 2003 to May 24, 2003 two weekMaharajas Technological Institute, Thrissur conducted by ISTE, Kerala Section

Dr. Joseph Purayidathil SJCT Palai Dr. Joseph Purayidathil Software Development Center 20240416T07:09:5300:00 Rev. Dr. Joseph Purayidathil Assistant Professor, SJBS MBA Mobile Number: 91 9446762362 Email: joseph.purayidathilsjcetpalai.ac.in Date of joining:05.05.2017 Association with the Institution: Regular Education Experience Publications FDP Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.A MG Private 2004 Arts 2 MM Assumption University of Thailand Assumption University 2013 Management 3 Ph.D Assumption University of Thailand Assumption University of Thailand 2017 Educational leadership Experience Previous Experience Teaching Experience : 10 Years Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Assumption University of Thailand Lecturer 4 years Publications International Journals Sl.NoTitle of PaperBookName of JournalBookPublisherYear, Volume ISSNISBN No. 1 Ethical Leadership Ethical Leadership A model for Character Formation LAMBERT Academic Publishing 2019, ISBN 13:9786200455970 2 Social Networks as a Tool for Education: An Awareness of School Leaders. USChina Education Review David Publishing company 2015, ISSN: 21616248 ,Vol. 5 2 3 An Ethical Leadership Model For Enhancing Moral Education In The Diocesan Colleges Of Palai, Kerala, India, Scholar Journal Assumption University of Thailand 2018, ISSN: 25869388 ,Vol. 10 1 4 Enhancing Work Environment and Working Relationship for Employee Retention ABAC ODI Journal Assumption University of Thailand 2014, ISSN: 23510617 ,Vol. 1 1 5 Ethical Leadership Competencies for Revitalizing Moral Learning in Higher Education ACEID iafor 2017, ISSN: 2189101X 6 Factors Affecting the Adoption of Social Media in Marketing of Higher Education: An Empirical Analysis FIIB Business Review Sage Journals 2022, Vol. 11 4 National Journals Sl.No.Title of the PaperName of JournalPublisherYear,

Volume, Issue, ISSN number 1 A Study on the impact of WorkLife Balance on Job Satisfaction. SJCTET Journal of Engineering and Management St. Josephs College of Engineering and Technology, Palai 2022, Vol.15 1, ISSN 2394 8647 2 A Study on the effect of Brand Awareness on Consumer Buying Behaviour. SJCTET Journal of Engineering and Management St. Josephs College of Engineering and Technology, Palai 2022, Vol.15 1, ISSN 2394 8647 3 A Study on the Significance of Emotional Intelligence and its Impact on quality of WorkLife. SJCTET Journal of Engineering and Management St. Josephs College of Engineering and Technology, Palai 2023, Vol.16 1, ISSN 2394 8647 4 A Study on Effective Relationship Management Strategies for Customer Retention of SIBCO COIR TECH, Kottayam SJCTET Journal of Engineering and Management St. Josephs College of Engineering and Technology, Palai 2023, Vol.17 2 ISSN 23948647 5 A Study on the Effectiveness of Berger Express Paintings Automated Painting Tools and techniques in Enhancing painting quality and reducing time: A Comparative Analysis with Traditional methods SJCTET Journal of Engineering and Management St. Josephs College of Engineering and Technology, Palai 2023, Vol.17 2 ISSN 23948647 6 A Study on Factors influencing Dealers perception towards Berger Paints and its impact on Purchase Decision An Empirical Analysis SJCTET Journal of Engineering and Management St. Josephs College of Engineering and Technology, Palai 2023, Vol.17 2 ISSN 23948647

FDP	SI no.	Name of Training workshop	Date	duration	Organizer
1	IIC innovation Ambassador Training	26th and 27 February 2020	MHRD	AICTE	
2	Pedagogy to Panicgogy Technology to recover back	11th to 13th June 2022	AJCE	Kottayam, MBITS Kothamangalam Marian College Kuttikanam	
3	Knowing everything related to Research	23.07.2020 to 28.07.2020	ICET, Moovattupuzha	4 5 days FDP on Professional Ethics	
4	5 days FDP on Professional Ethics	10.08.2020 to 14.08.2020	Providence College of Engineering, Chengannoor	5 6 days AICTE sponsored STTP on Guidance and Counselling	
5	6 days AICTE sponsored STTP on Guidance and Counselling	12.10.2020 to 17.10.2020	SJCTET, Palai	6 6 days AICTE sponsored STTP on Outcome Based Education and Quality Assurance in Teaching	
6	6 days AICTE sponsored STTP on Outcome Based Education and Quality Assurance in Teaching	17.08.2020 to 22.08.2020	SCMS School of Technology and Management	7 6 days AICTE sponsored STTP on Outcome Based Education and Quality Assurance in Teaching	
7	6 days AICTE sponsored STTP on Outcome Based Education and Quality Assurance in Teaching	28.09.2020 to 04.10.2020	SCMS School of Technology and Management	8 7 days National FDP on Pedagogy and Learning: Mapping new	

Approaches 03.01.2022 to 09.01.2022 IQAC, Jyothinivas College, Bengaluru 9 National online workshop on Research Ethics and identifying Predatory and Cloned Journals in Publications 25.11.2022 Indian Institute of Management and Commerce 10 3rd APSPA International Conference 22.07.2022 to 23.07.2022 Assumption University of Thailand 11 One Week International FDP on Advance Research and Quality Publications 29.08.2022 to 02.09.2022 Federal Institute of Science and Technology, Ernakulam 12 Completed a 3 month course in Swayam platform on Orientation towards Technical Education and Curriculum Aspects September to November 2022 AICTE NITTT

Dr. Madhu Kumar.S SJCET Palai Dr. Madhu Kumar.S Software Development Center 20240415T06:03:5600:00 Dr. Madhu Kumar.S Professor Department of Electronics and Communication Engineering Mobile Number: 91 9495431623 Email: vpsjcetpalai.ac.in Date of joining SJCET :04072004 Association with the institution: Regular Education Memberships Experience Publications in Journals International Conferences Education Sl.NoQualificationUniversitySpecialization 1 Ph.D Anna University, Chennai Medical Imaging 2 M.Tech Visveswariah Technological University, Karnataka under Quality Improvement Program Q.I.P Industrial Electronics 3 B.Tech Dr. B A Marathwada University, Aurangabad Electronics 4 BSc Kerala University, Trivandrum. Studied at Bishop Moore College, Mavelikkara. Mathematics Memberships Sl. No Name of Institution Type of Membership 1 IEEE Life Member 2 ISTE Life Member Experience Vice Principal, St. Josephs College of Engineering Technology, Palai w.e.f 02042018. Professor Head, Department of Electronics Communication Engineering, of St. Josephs College of Engineering and Technology, Palai, Kerala, 01092011 to 01042018 Professor Head, Department of Applied Electronics Instrumentation of St. Josephs College of Engineering and Technology, Palai, Kerala from 01 September 2009 to August 31, 2011 Assistant Professor, Department of Electronics Communication Engineering of St. Josephs College of Engineering and Technology, Palai, Kerala from 12122005 to 31082009. Lecturer, Department of Electrical Electronics Engineering, Ministry of Education, State of Eritrea, from 11022005 to 02122005 Senior Lecturer, Department of Electronics and Communication Engineering, St. Josephs College of

Engineering and Technology, Palai, Kerala from 07062004 to 31122004 Lecturer, Department of Electronics and Communication Engineering, K.S.Rangasamy College of Engineering, Tiruchengode, and Tamilnadu. between 02 06 1997 31052004 Lecturer, Department Electronics and Communication Engineering, IMPACT Polytechnic A Govt. aided Institution, Govt. Of Karnataka Kodigahally, Bangalore between 220895 and 30111996 Publications in Journals Arun.P, Madhukumar.S,Careena.P, Sreesh P R and Anto. M, A Machine Learning Strategy to Detect COVID19 by Inspecting the Statistical Significance of Standard Deviation of Sound Samples of Healthy, Covid and Post Covid Conditions,IEEE Xplore, pp. 16, February 2024 Arun P, A. Asokan, Madhukumar, P. Careena and Abi. P.M, A Machine Learning Approach for Detecting the Chisel Wear in Twist Drill Bit by Vibration Analysis,Australian Journal of Electrical and Electronics Engineering,Taylor Francis.Under Review. Meekha Mathew, Sreesh P R, Madhukumar S and Arun P, HighPerformance Turbo Coder Design using MAP Algorithm and Gating Technology for Error Correction in Communication Systems, International Research Journal of Engineering.Accepted for publication 2023. Elone Anne Benny, Sreesh P R, Madhukumar S and Arun P, An Area and Power Efficient Kogge Stone Adder Using Gate Diffusion Input Logic, International Research Journal of Engineering.Accepted for publication 2023. Arun, Madhukumar. S, K.Vishnu, M.Neha, I. Princy and S. Ron, Diagnostic Feasibility of Time Domain Features for Detecting and Characterizing Cry Cause Factors An investigation,Australian Journal of Electrical and Electronics Engineering, Taylor and Francis, April 2022. Arun, Madhukumar. S, Tom .Z, Sabarinath G P and Sreesh. P R, An Investigation on the Effectiveness of Wilson Amplitude for the Detection of chisel Wear in Twist Drill Bit, SJCET Journal of Engineering Management.,Vol.12,pp.27,June 2019. Arun, Madhukumar S and Careena P, Method for the Investigation of Bearing Vibration Based on Spectrogram Image Comparison, Materials Science and Engineering, Vol.396, pp.2228, Aug. 2018. Madhukumar S, Santhiyakumari N 2015, Segmentation and Volume Estimation of Tumor Edema Complex Journal of medical imaging and health informatics, Vol.5, No.3 pp. 615 621. Arun, S. Madhukumar, G. Sabarinath and P. Careena, Implementaion of ZigBee Based Train Anti Collision And Level Crossing Protection System for Indian Railways International Journal of Latest Trends in

Engineering and Technology IJLTET, Vol. 2, pp.1219, January 2015 Arun, S. Madhukumar and S. Saritha. Simulation of Zigbee based Tacs for Collision Detection and Avoidance for Railway Traffic. International Journal of Computer Applications Special Issue on Advanced Computing and Communication Technologies for HPC Applications ACCTHPCA, Vol.5, pp. 2226, July 2013.

Madhukumar S , Santhiyakumari N 2015, Evaluation of KMeans and Fuzzy CMeans Segmentation on MR Images The Egyptian Journal of Radiology and Nuclear Medicine, Elsevier, Vol.46, No. 2, June 2015, pp. 475479. Madhukumar S, Santhiyakumari N 2015, A Combination of Restoration, Enhancement and Skull Stripping for Brain MRI Research Journal of Applied Sciences, Engineering and Technology, Vol. 9, No. 5, pp. 353358. Madhukumar S, Santhiyakumari N 2014, A Novel Segmentation and Contouring Scheme to Assist Accurate Brain Lesion Classification JBEMi Journal of Biomedical Engineering and Medical Imaging, , 6, Available from Madhukumar S, Arun. P ,Sabarinath G and Careena P Implementaion of ZigBee Based Train Anti Collision And Level Crossing Protection System for Indian Railways International Journal of Latest Trends in Engineering and Technology IJLTET, Vol. 2, Issue 1 January 2013.ISSN: 2278621X. Madhukumar S, Arun. P and Saritha. S. Simulation of Zigbee based Tacs for Collision Detection and Avoidance for Railway Traffic. International Journal of Computer Applications Special Issue on Advanced Computing and Communication Technologies for HPC Applications ACCTHPCA 5:2226, July 2012. Published by Foundation of Computer Science, New York, USA. BibTeX, ISBN: 9739380869290

Madhukumar S, B. Priestly Shan , and M. Madhewaran Detection Of Optic Disc From Fundus Images For Possible Implementation Of Automated Retinopathy Screening Systems International Journal of Biomedical Engineering and Consumer Health InformaticsJBECCHI, Volume 3, Number 1, January June 2011, pp.3136 International Conferences Madhukumar S, Santhiyakumari N 2015, Optimization of PTV Estimation in Highly Infiltrating GlioblastomaMultiforme with Perifocal Vasogenic Edema IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems IEEE SPICES, IEEE Xplore, doi:10.1109SPICES.2015.7091483, pp.15. Madhukumar S, Santhiyakumari N 2011, Elimination of Partial Volume Effect on Low Grade Gliomas Segmentation Proceedings of 2011 international

conference on communications and signal processing iccsp, ieee xplore doi: 10.1109/iccsp.2011.5739334 pp. 344347. Madhukumar S, Arun.P, An efficient train anticollision system using LEO two way satellite communication., National conference on computer networks, human computer interaction and image processing, NCHIP2012 at Vidya Academy of Science and Technology ,Thrissur,pp.32, March 2012. Madhukumar S, Justin Joseph A Novel Approach to Data Driven Preventive Maintenance Scheduling of Medical Instruments, , Proceedings 2010, International conference on Systems in Medicine and Biology, IEEE catalog Number CFP1017NPRT, ISBN:978161284 1779, page 203207 at INDIAN INSTITUTE OF TECHNOLOGY, Kharagpur organized by School of Medical Science and Technology, Department of Electrical Engineering and IEEE Kharagpur section. Madhukumar S, Justin Joseph and Aann Smita Abraham An Adaptive, Evidence Based and Risk Oriented Prioritization of Medical Equipment Safety Audit,, Proc., International Patient safety Conference, IPSC 2010, 1st 3rd October 2010, at All India Institute of Medical Sciences AIIMS, New Delhi. Madhukumar S An intelligent Digital Controller for power electronic Applications based on Digital Signal Processor Proc. National Conference on Power Conversion and Industrial Control organized by Department of Electronics and Communication s and Industry Institute Partnership Cell at N.S.S College of Engineering, Palakkad, Kerala,2004.

Ashitha Jose SJCET Palai Ashitha Jose Software Development Center 20240417T04:14:1600:00
 Prof. Ashitha Jose Assistant Professor Department of Electronics and Computer Engineering Mobile
 Number: 91 9744106685 Email: ashithajosesjcetpalai.ac.in Date Of Joing SJCET: 29082022
 Education Experience FDP Education DegreeSpecializationInstitutionUniversityYear of Passing
 B.Tech. CSE College of Engineering Poonjar CUSAT 2014 M.Tech. Computer and Information
 Science College of Engineering Poonjar CUSAT 2016 Experience Name of the
 CollegeIndustryDesignationDate of JoiningDate of Relieving College of Engineering Poonjar
 Assistant Professor January 28, 2019 August 12, 2022 Amal Jyothi College of Engineering
 Kanjirappally Assistant Professor August 1, 2017 April 27, 2018 Kottayam Institute of Technology

and Sciences Assistant Professor January 23, 2017 July 29, 2017 FDP SI. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Robotics, Artificial Intelligence and Control 30112020 05122020 Toc H Institute of Science Technology 2 Machine Learning and Deep Learning a Hands on Approach 07122020 19122020 Cochin University of Science and Technology 3 Induction Training Programme for Teachers 03012023 07012023 ISTE Chapter at SJ CET Palai 4 Blockchain Technology and Its Applications 16012023 20012023 SJ CET Palai 5 Research Applications in Artificial Intelligence and Machine Learning 08012024 13012024 SJ CET Palai 6 Recent Trends in Biomedical Applications using AI 29012024 02022024 St Peters Institute of Higher Education and Research, Chennai.

Department of Electronics and Communication Engineering SJ CET Palai Department of Electronics and Communication Engineering Software Development Center 20250122T04:01:2200:00 STUDENTS ACHIEVEMENTS Alby Babu and Liz Elizabeth Biju of S7 ECE202125Batch got placed at Schneider Electric Toppers of S2 University Examination 20232027 Batch Toppers of S4 University Examination 20222026 Batch Toppers of S6 University Examination 20212025 Batch Toppers of S8 University Examination 20202024 Batch Toppers of S8 University Examination 20202024 Batch TOP ACHEIVERS OF 20202024 BatchStudents with First class Distinction Mr.Abhijith.J, S3 ECE202327 Batch secured third prize in the marathon competition held on 29072024 at Kottayam organized by the Kerala State AIDS Control Society KSACS as part of the districtlevel Youth FestivalKSACS Youth Fest 202425.

Ashly Susan Itty SJ CET Palai Ashly Susan Itty Software Development Center 20210816T04:11:4000:00 Ashly Susan Itty Assistant Professor Department of Science and Humanities Mobile Number:9745850739 Email:ashlysusansjcetpalai.ac.in Education Achievements Experiance Education SI.NoQualificationUniversityInstitutionYear of passingSpecialization 1 BSc MG University Baselius College Kottayam 2018 Chemistry 2 MSc MG University St. Thomas College Palai 2020 Chemistry Achievements Obtained distinction in all the qualifying examinations

Obtained 2nd Rank for BSc Chemistry at University level. Obtained 9th Rank for MSc Chemistry at University level. Volunteered CHEMIX All Kerala Chemistry Infotainment Exhibition Volunteered ATMOS 2k19 and 2020 All Kerala Infotainment Fest Participated in various Seminars. Experience Teaching secondary and senior secondary students at iTutor Online Interactive Tuition centre an initiative of our PG batch. Students include those from India and abroad.

Department of Electronics and Communication Engineering SJ CET Palai Department of Electronics and Communication Engineering Software Development Center 20190518T04:23:0200:00 The Department, under the guidance of Dr. V P Devassia., Professor and Head, and with a fine blend of renowned as well as young and dynamic personalities as faculty, has always followed many innovative practices for the holistic development of the students. The department was inceptioned in the year 2002 and the very first batch student brought university second rank to the college.

CourseDurationIntakeSyllabus B.Tech in Electronics and Communication Engineering 4 Years 60 View M.Tech in VLSI and Embedded Systems 2 Years 9 View M.Tech in VLSI and Embedded Systems Working Professionals 2 Years 15 View Ph.D. in Electronics and Communication Engineering 36 years Vision Mission Program Educational Objectives Programme Specific Outcome

PSO Vision Develop into a center of excellence in Electronics and Communication Engineering contributing to socioeconomic progress. Mission To develop and maintain adequate infrastructure for a pacesetting Electronics and Communication engineering. To bring up a team of committed, proficient and research oriented electronics and communication engineering faculty. To nurture students into ethical, emotionally strong and technically competent graduates to meet the dynamic challenges of the society. Program Educational Objectives PEO I: Graduates will have a promising professional career in the area of electronics communication or will pursue higher educationresearch. PEO II : Graduates will provide suitable solutions to the problems in various areas of electronics and communication engineering. PEO III : Graduates will work successfully in collaborative and multidisciplinary teams upholding professional and ethical values. Programme Specific Outcome PSO PSO 1: Apply fundamental knowledge of Electronics and Communication

Engineering in the design, analysis and development of various electronic systems PSO 2: Use modern software and hardware tools in electronics engineering for the analysis of complex electronic systems Placement 2020 Congratulations all.. COURSES WE OFFER B Tech Electronics and Communication Engineering ECE An Engineering program which seamlessly articulates the concepts from basic sciences to technology with relevant practice through labs and projects for building the problem solving skills, keeping industry requirements in place. Students will develop competence in areas like Signal Processing, Communication systems, VLSI Design, Embedded systems and Robotics etc. M.Tech in VLSI and Embedded Systems An industrial collaborative program, aimed at circuits and systems design both Front end Back end covering algorithms, Hardware description Languages, System Architectures, Physical designs, Verification techniques, Simulation Synthesis, Low power design techniques and mixed mode design methodologies. Design and implementation of integrated circuits using industry standard tools like Cadence SpectraAssura, Vivado, Xilinx ISE , Microwind etc. will transform the students to be industry ready. PROFESSIONAL SOCIETIES AND ASSOCIATIONS THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS IEEE IEEE opens the door to opportunities that will help students to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics STEM. In addition to accessing a range of membership benefits, students will make global connections with people who can help students along their targeted career path through IEEE's international community of members and volunteers. ECSA The Department of Electronics and communication engineering has always been a Trend Setter of this Institution. Education is simply the soul of a society as it passes from one generation to another. Commemorating the quote of a famous American civil rights activist, A word as to the education of the heart, we dont believe that this can be imparted through books, it can only be imparted through the loving touch of the teacher, ECSA was proposed with the objective to organize various activities that consists of drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department. INNOVATION CLUB For all students in SJ CET, who are interested in innovation entrepreneurship the Innovation Club is the place to meet likeminded people

with complementary skills. Here the students can get inspiration, exchange experiences, build a powerful network and form teams that work on gamechanging ideas, because this club has the necessary skills and resources to support the students.

INITIATIVES BEYOND THE CLASS ROOM

Mentor System

Each faculty member in the department is assigned the complete responsibility of 30 students. This Faculty Mentor establishes a close relationship with each student, orients them to college practices, follows their progress regularly and guides them throughout the fouryear course. Employment of this idea has helped several students to solve the problems they face in the academics. Also this method helps the parents to keep track of their child and their academic performance.

Remedial Education

The students with backlogs have a heavy load as they must take exams simultaneously for both the new semesters subjects as well as for the subjects they fail and they cannot attend classes in the subjects they have failed. Thus, they do not get any additional teaching in the subjects in which they are weak unless they resort to coaching classes or other private means. This may in turn result in cumulative failures, leading some students to take more years to complete the fouryear engineering course. To help our students from such situations, remedial classes are provided by the ECE department during the month before the repeat exams, enabling the students to face the difficult papers with greater confidence and ease

Gate Coaching

The department offers evening classes for students preparing them for GATE, helping them to understand the GATE pattern and help them solve GATE papers.

Placement Training

Department offers intense placement training on regular basis from fifth semester onwards.

eYantra

eYantra is a project sponsored by MHRD through the National Mission on Education through ICT NMEICT. Students of SJ CET participated in the eYantra Robotics Competition eYRC, which Provides a platform to learn concepts in embedded systems and microcontroller programming.

OUR STRENGTH

Ph.D in Electronics and Communication Engineering

The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college

Approved Guide

FACILITIES

DEPARTMENT LIBRARY

DEPARTMENT LABORATORY

PLACEMENTS

S.No	Name of Student	Course	Company
1	Litty Chacko	M.tech	Infosys
2	Alphonsa Jose	M.tech	Infosys
3	Anna Sherin		

Skaria M.tech Infosys 4 Sweety Varghese B.Tech Cognizant 5 Parvathy S B.Tech Cognizant 6 Agnes Babu Augustine B.Tech IBS 7 Arun George B.Tech Poornam Info Vision Pvt. Ltd. 8 Ajith Sabu Joseph B.Tech Mitsogo Technologies 9 Julia Paul B.Tech Hexaware 10 Jithu K.Jose B.Tech Experion Technolgies 11 Dayney Treessa Antony B.Tech Experion Technolgies 12 Aneeta Joy B.Tech Sutherland Global Services 13 Arsha Thresa Joy B.Tech Sutherland Global Services 14 Jerin Jacob B.Tech 6 d Technologieds

SL. NO.	STUDENT NAME	UNIVERSITY REG. NO.	NAME OF EMPLOYER
1	ABHIRAMI S KUMAR	14018831	INFOSYS
2	ABIN JACOB	14018832	SUTHERLAND
3	AJAI M DAS	14018835	SUTHERLAND
4	AKSHAYA SURES	14018836	INFOSYS
5	ALEX JOHN	14018840	NESOTE TECH.
6	AMAL BABY	14018843	BELL TECHNOLABS
7	ANJANA THOMAS	14018846	IQVIA
8	ARAVIND K P	14018849	SUTHERLAND
9	ATHIRA	14018851	NSDT
10	BIBY JOSEPH	14018853	SUTHERLAND
11	DEEPTHI P LUKOSE	14018856	TCS
12	DEVI .	14018857	INFOSYS
13	DON BENNY	14018858	SUTHERLAND
14	ELIZABATH S P	14018859	IBS
15	GEO ABRAHAM	14018862	BELL TECHNOLABS
16	GEORGIN JOSEPH	14018866	SHRIRAM TRANSPORT
17	JEENA TREESA JOSEPH	14018869	SUTHERLAND
18	JESLEY TOM	14018871	NESOTE TECH.
19	JOMON JOSHY GEORGE	14018875	SUTHERLAND
20	LITHIN THOMAS	14018881	TCSSHRIRAM TRANSPORT
21	MAREENA THOMAS	14018882	EASY SOFT
22	MATHEWS SAM	14018884	ACPL
23	NANDU S	14018887	SHRIRAM TRANSPORT
24	OLIVIA JOSEPH	14018893	INFOSYS
25	PRIYA SREEKUMAR	14018896	SUTHERLAND
26	RICHA ANNA SAM	14018898	BELL TECHNOLABS
27	SHARO ANN GEORGE	14018904	UST
28	SHERIN JACOB	14018906	QUEST
29	SHINTU GEORGE	14018908	CODDLE TECH.
30	SHON MATHEW	14018909	BELL TECHNOLABS
31	SILPA N S	14018910	SUTHERLAND
32	SONA SEBASTIAN	14018911	BELL TECHNOLABS
33	STEVIN VARGHESE	14018912	SHRIRAM TRANSPORT
34	THOMAS ELIAS	14018914	HEXAWARE
35	THOMAS PHILIP	14018915	SUTHERLAND
36	VIGNESH R	14018918	SUTHERLAND

Sl.No Name of the student placed Enrollment no. Name of the Employer Appointment letter reference no. with date

1 Adarsh J 13018904 Thinkware December 3, 2018
2 Akshara Selvaraj 13018909 Mahindra Electric 25001663
3 Amritha V Nair 13018917 Infosys,Pune January 9, 1900
4 Ann Mary John 13018906

UST Global ID: 66857342018 5 Annu Sebastian 13018922 Tata Elxi 31063 0132018 6 Anupa Thomas 13018927 Infosys HRD3T17181152210916112017 7 Arun Joseph 13018928 Allianz Managed Operations and Services SE December 6, 2017 8 Ashitha Reez 13018930 SayOne Technologies May 8, 2018 9 Christy James 13018938 Higher Studies January 25, 1900 10 Gigil Joe 13018947 TCS January 28, 1900 11 Jasmine E Peter 13018952 Infosys HRD3T171811522228 16102017 12 Jeffin P Jiji 13018954 Infosys HRD3T171811522234 14112017 13 Jinu geo james 13018957 Servntire Intern valid from August 1 to October 31 14 Justin Jose John 13018959 Hinduja Global Solutions 04022017 15 Kavya B 13018960 Hinduja Global Solutions 04022017 16 Laya Ann Joseph 13018962 Naico REF: HRF006 Naico2017284 29.11.17 17 Linsha Ann Chacko 13018964 Federal Bank HR TADB PR36212PCA 16074055201718, 23.5.17 18 Linu Kurian 130189 Hinduja Global Solutions 04022017 19 Maria Grace 13018966 Hinduja Global Solutions 04022017 20 Namitha Mathew 13018972 Hinduja Global Solutions 04022017 21 Namitha Mathew 13018972 Audrey Technology March 7, 2018 22 Nithin George Thomas 13018976 Insane 01012018 23 Ria Rani Jose 13018981 DH DHHR2017188025 06022018 24 Rishikesh C G 13018982 Infosys HRD3T17181152224016102017 25 Rose Geena George 13018984 Infosys HRD3T171811522246 26 Sachu George GLOBAL EDGE,BAN GLORE 31063 27 Sarath V S 13018987 Dexcel Electronics March 5, 1900 28 Suraj Paul 13018991 Hinduja Global Solutions 04022017 29 Tina Tressa 13018993 Infosys HRD3T171811522302 14112017 30 ABHIRAMY D R 13018901 UST Global ID: 70170 DOJ: 03052018 Sl.NoName of the student placedEnrollment no.Name of the EmployerAppointment letter reference no. with date 1 Albert Kurian 12018325 Infosys HRD3T161710897534 01122016 2 Albin Jacob John 12018327 Infosys HRD3T161710896683 17012017 3 Angel Ann Saji 12018334 Infosys HRD3T161710896791 20022017 4 Anjana Sebastian 12018340 Infosys HRD3T161710896792 01122016 5 Arnold Antony 12018346 Infosys HRD3T161710896795 27052016 6 Arya Babu 12018347 Infosys HRD3T161710897541 30112016 7 Christy Augustine 12018354 Infosys HRD3T161710896797 13032017 8 Dhanya Noble 12018357 Infosys HRD3T161710897546 27062016 9 Diya Maria Babu 12018358 Infosys HRD3T161710. 09012017 10 Ginu George 12018365 Infosys HRD3T161710897552 21112016 11 Merina John

12018386 Infosys HRD3T161710897559 27022017 12 Roshni Johns 12018416 Infosys
HRD3T161710897408 27062016 13 Sachin Shaji 12018421 Infosys HRD3T161710897412
27032017 14 Sharon Shibu Mathew 12018424 Infosys HRD3T161710897417 01122016 15 V.
Gayathri 12018440 Travancore Analytics TA.HR.CamRect.101501 15102015 16 Sudeep B
12018434 UST Global HRFRESH2016UST24Jan2017021 24012017 17 Merin Thomas Akkara
12018385 IBS IBSOFFSE9900 01032016 18 Nimisha Chadra Babu 12018398 FRAGOME N
27062018 19 Dona Joy 12018362 BOSCH RBEIHR20181777 07062018 20 Rosmi Sebastian
12018417 VVDN CIN: U72200DL2007PTC1626619 18122015 21 Sherin Mathew 12018426 6D
Technologies 19072016 22 Nikhil Sreekumaran Nair 12018397 Sutherland 06052016 23 Anex E
Jose 12018333 Sutherland 06052016 24 Fonso George 12018363 Sutherland 06052016 25
METTILDA CHACKO 12018753 Sutherland 06052016 26 Vinod Antony 12018442 Sutherland
06052016 27 Jophy John 12018373 Sutherland 06052016 28 Ann Rose Salas 12018342 Quest
QIHR622017 22052017 29 Dany George 12018356 QBurst 20022018 30 Anjaly Saburaj 12018339
Infosys HRD3T181910896792, 15052018 31 JYOTHIKRISHNA S 12018377 Speridian
Technologies ID: BAIND3028, 1112016 32 JOSEPH V J 12018375 BOSCH
RBEIBEESNE3ECHRLBP2COB101, 1362018 33 JISMY SEBASTIAN SEBASTIAN 12018371 UST
Global HRFRESH2016UST24Jan2017017, 15012017 34 JOSTIN C PRAKASH 12018376 IBS
software Services PVT. Ltd, Trivandrum EC:A7535, .Nov 2016 35 KAVITHA NAIR KRISHNAN
KUTTY 12018378 Orion EC:3020, 12072016 36 ASHY ALEX 12018348 Accudata Tech Solutions
Pvt.Ltd. 21022018 37 DANY GEORGE 12018356 QBURST 3295 20022018 38 BLESSY JOSE
12018351 BYJUS The Learning App TNL201611140 19112016 39 Abhirami Venugopal 12018321
Orion HRDOfferIN1784x1783 October 21, 2016 40 Sharoon Shaji 12018425 Align Minds 12th sep
2017 41 Shone Varkey 12018428 SUTHERLA ND June 5, 2016 42 Trissa James 12018439
INFOSYS HRD3T161710897566,30112016 43 Winil Jacob 12018444 Think Future Technologies
080816 44 Anila Tressa Benny 12018337 TCS TCSLDT20152999557Trivandrum 23032016 45
ALPHY SEBASTIAN 12018330 Centum Electronics Emp. ID 9378 DOJ: 01032017 46 Catherin
George 12018352 SFO Technologies 13062016 47 Joseph Parayaruthottam 12018374 SFO

Technologies 13062016 48 ANGELLA ALIAS 12018336 KERZ 360 Degree DOJ: 02222017 49

AKSHAY S KUMAR 12018323 Cybosol CYBIN01TOL18201617 100316 ACHIEVEMENTS

International Conference Publications: G. Sabrinath, Asst. Professor, department of ECE ,Sreeharitha and Babita R. Jose, Compressive Sensing Recovery Algorithms and Applications A Survey, IOP Conference Series: Materials Science and Engineering, volume 396,1,012045,2018.

Mr. G. Sabrinath, Asst. Professor, department of ECE and Babita R. Jose, A Noise Reduced Hard Thresholding method for Noisy Sparse Reconstruction, IOP Conference Series: Materials Science and Engineering, volume 396, 1,012037, 2018 International Conference Publications: Ms Soya Tresa James Ms Rose Maria Joji presented a paper titled Design Study of N Bit Asynchronous Binary Search Analog to Digital Converter at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . Ms Sunitha S Pillai Mr Manu Mohan presented a paper titled Review on LFSR on Low Power BIST at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . Dr. George Tom Varghese Ms Litty Chacko presented a paper titled Comparator Design for Low Power High Speed Flash ADC A Review at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 Ms Anuja George Ms Devitha P S presented a paper titled DESIGN OF LOW POWER HIGH SPEED SAR ADC A REVIEW at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 . Ms Rincy Merrin Varkey Ms Beema Basheer presented a paper titled Review on Various Full Adder Circuits at the 3rd International Conference on Computing Methodologies and Communications organized by Surya Engineering College during 27-29 March 2019 .

DEPARTMENTAL ACTIVITIES Tech Talks Conducted The department of ECE in association with IEEE SB conducted a one day talk on 5G Communication by Mr. Libin Jose Meledam , Staff Engineer, Radisys on 8th October 2018 which was attended by third and fourth year students. The department of ECE in association with IEEE SB and Continuing Education Skill Development Center, SJCTET conducted a Technical Talk Telcom systems Kochi Metro Rail Limited

on 27th October 2018 which was attended by third and fourth year students The department of ECE in association with IEEE SB conducted a Technical Talk on Mobile Apps Development web vs Native vs Hybrid by Mr. Vipin Jose, Supervising Associate, EY Global on 23rd March 2019 which was attended by third and second year students. The department of ECE conducted a talk on research and publications Dr. Madhu G , Hod, Chemical Engineering Department on 4th April 2019 which was attended by post graduate students and faculty. Corporate Social Responsibility CSR activities ProgramCandidates attendedNature of trainingPeriod of trainingField of training Conducted a training program on DSP TMS320C6748 and its Application at MBC Peermade,Kerala Sixth Semester B.Tech Students Students training 8th February,2023 DSP TMS320C6748LCDK and its Application A project entitled AILE was conducted on 27092021 and 28092021 which was funded by IEEE R10 and Received an amount of USD 150 . 06 Workshop for students 2 day Mr. Nishanth Benny of S7 ECE was the student coordinator. A project entitled PREVENTIA An automated system to sanitize the masks was completed as an Interdisciplinary kind of project and received an amount of USD 843 was sanctioned for by HAC R10 HTA on 15072021. 09 Skill enhancement 9 months from the scratch to final product The listed students of S3 ECE was involved in this project Mr.Adithyan S Philip Mr. Melwin Shaju Ms.Angel Anna Alex Ms. Blessy Babu Ms.Jeslet Joy A project entitled MATROBO This device is more like a robot, that monitors and examines the patients blood pressure, pulse, sugar, and other basic checkups was completed as an Interdisciplinary kind of project and received an amount of USD 488 was sanctioned for by HAC R10 HTA on 15072021. 08 Skill enhancement 9 months from the scratch to final product Mr. Nishanth Benny of S7 ECE was the student coordinator. Rebuild Kerala 56 Rehabilitation works 15th August to 11th September Statewide Social Service 48 As a part of social service activity build a water harvesting system with storage capacity of 30,000 liters 2nd March to 4 th March Chakkikavu,Idukki Social Service 52 Tourist Spot Development 5th March to 6th March Mechal,Kottayam Social Service 16 Renovation water reservoir 7th March to 8th March Mechal,Kottayam Consultancy Area of consultancyBeneficiariesIncome Generated Device to count PUSH up for world record attempt St. Joseph Institute of Hotel management and Catering Technology Yet to avail financial payments

Remote monitoring and control of water distribution system SH Hostel, Muttom Yet to avail financial payments Awards and Recognitions Award DescriptionName of AwardName of AwardeePosition of Award Best Student Branch Counselor of IEEE Kerala Section Best Student Branch Counselor Dr. Arun. P IEEE Kochi Subsection Award 2019 The research story entitled Can You Hear Me has won cash prize of Rs. 10,000 along with Certificate and a compendium entitled AWSAR Awarded Popular Science Stories by Scientists for the People with ISBN: 9788174803375 AWSAR Augmenting Writing Skills for Articulating Research by Department of Science and Technology DST, Govt. of India. Mr. Tomson Devis One in 100 best science stories in India. Award 2019 Selected as Vice Chairman, Young Professionals, IEEE India Council 2020 Mr. Sabarinath G Pillai ViceChairman Selected as President, Internet Society India TRV Chapter Mr. Sabarinath G Pillai President Outstanding Student Branch Counselor award by IEEE Kerala Section Dr. Arun.P Selected as Coordinator, Academic Relations, Young Professionals at IEEE India Council. Dr. Arun.P Academic Relations Coordinator Award is to recognize those substantive projects or achievements of a relatively short nature one to three years, but which have left an undeniable imprint on the fabric of IEEE Young Professionals operations. IEEE MGA Global Young Professional Achievement Award for 2018 Mr. Sabrinath .G Professional Society Leadership activities Mr. Sabrinath .G Vice Chair, IEEE Kochi Subsection 2019 Professional Society Leadership activities Mr. Sabrinath .G Vice President, Internet Society, Kerala Chapter LINK OF INNOVATIONS AVAILABLE AS ERESOURCES NEWS LETTERS

COMPUTER SCIENCE AND ENGINEERING ASSOCIATION CSEA SJ CET Palai COMPUTER SCIENCE AND ENGINEERING ASSOCIATION CSEA Software Development Center 20240415T07:07:5700:00 Vision Mission Vision To be a leading hub of innovation, collaboration, and excellence in computer science and engineering, inspiring students to become pioneers and leaders in the everevolving digital landscape. Mission To foster a vibrant community of computer science and engineering students by providing opportunities for collaborative learning, networking, and professional development. To empower students with the latest technological skills and

knowledge through workshops, seminars, and hands-on projects. To encourage and support research initiatives that contribute to advancements in the field of computer science and engineering. To bridge the gap between academia and industry by facilitating interactions with industry experts, internship opportunities, and real-world projects.

COMPUTER SCIENCE AND ENGINEERING ASSOCIATION CSEA

The Computer Science and Engineering Association CSEA stands as a beacon of innovation and excellence within our institution, mirroring the dynamic nature of the field itself. Reflecting upon the words of a renowned computer scientist, Innovation distinguishes between a leader and a follower, CSEA was established with a vision to foster creativity, critical thinking, and technological prowess among our budding computer science and engineering students. Our primary goal is to provide a platform where students can engage in collaborative learning, hands-on projects, and cutting-edge research under the mentorship of our experienced faculty members. Through a myriad of workshops, seminars, and coding competitions, CSEA endeavors to inspire the next generation of tech leaders who will shape the future of the digital world.

CSEA COORDINATORS EVENTS TECHIE TALKIES: Introduction to Blockchain

The Computer Science Engineering Association of St. Josephs College of Engineering and Technology, Palai, successfully hosted the inaugural session of TECHIE TALKIE on October 31, 2023. The session focused on Introduction to Blockchain and featured Allen Saji, a student member of CSEA, as the speaker. The event took place from 8:00 pm to 9:00 pm. Allen Saji delivered an insightful talk, providing attendees with a comprehensive understanding of blockchain technology. Participants gained valuable insights into the fundamentals of blockchain and its potential applications. The session received positive feedback from the audience, marking a promising start for future TECHIE TALKIE events.

TECHIE TALKIES: Basics of Photoshop

The Computer Science Engineering Association of St. Josephs College of Engineering and Technology, Palai, continued its TECHIE TALKIE series with an engaging session on November 7, 2023. The second session focused on Learn Basics of Photoshop, aiming to introduce attendees to the fundamentals and vast capabilities of this powerful tool. Mathews P Mathew, a student member of CSEA, served as the speaker for the event. From 8:00 pm to 9:00 pm, participants delved into the basics of Photoshop, exploring its

various features and functionalities. The session provided valuable insights into image editing and manipulation, leaving attendees equipped with foundational skills in Photoshop.

TECHIE TALKIES: Introduction to Metaverse

The Computer Science Engineering Association of St. Josephs College of Engineering and Technology, Palai, successfully conducted the third session of its TECHIE TALKIE series on November 14, 2023. The session titled Introduction to Metaverse explored the immersive virtual realm where digital and physical worlds intersect. Gautham Krishna N, a student member of CSEA, served as the speaker, guiding attendees through the potential of the metaverse for exploration, creativity, and interconnected experiences. The event sparked insightful discussions among participants, highlighting the emerging opportunities and challenges within this evolving digital landscape. Overall, the session provided valuable insights into the transformative potential of the metaverse.

Workshop on Understanding Cybersecurity Concepts and Practices: Preparing for the Modern Digital Landscape

The Computer Science Engineering Association of St. Josephs College of Engineering and Technology, Palai, organized a highly anticipated workshop on Understanding Cybersecurity Concepts and Practices: Preparing for the Modern Digital Landscape on February 13, 2024. The workshop aimed to equip participants with essential knowledge and skills to navigate the complex cybersecurity challenges in today's digital era. Mr. Manu Francis, an expert in cybersecurity and Founder CEO at Edwhere Education, served as the speaker. Through engaging discussions and practical insights, attendees gained a deeper understanding of cybersecurity fundamentals and best practices. The workshop successfully empowered participants to tackle cybersecurity threats effectively in the modern digital landscape.

Dr. Manoj. S SJCET Palai Dr. Manoj. S Software Development Center 20240401T10:29:5500:00 Dr. Manoj. S Assistant Director Department of Science and Humanities Mobile Number: 9446180222 Email: pesjcetpalai.ac.in Experience Positions Held Achievements Publications Areas of special interest Special Course Training Programs attended Experience Teaching Experience 30 Years Associate Professor NSS Training College, Changanacherry 20192022 Associate Professor HoD NSS College, Changanacherry 20162019 Associate Professor HoD NSS College, Rajakumari

20121016 Associate Professor HoD NSS College, Changanacherry 20092012 LecturerAssistant Professor NSS College, Changanacherry 19922005 Corporate Coordinator, Oford Group, Dubai, UAE 20072009 Assistant Professor, EIT TE, Eritrea, NE Africa 20052007 Positions Held Member, National Games Organising Committee NGOC and Coordinator for Kollam Alappuzha districts for successfully conducting National Games, Kerala 2015 Joint Convenor Technical Committee, South Zone and All India Inter University Football Tournament organised by MG University DecemberJanuary 2022 Convenor MG University South Zone InterCollegiate Tournaments 200405 Joint convenor, All India InterUniversity Ball Badminton Tournament for Women jointly organised by MG University and NSS Hindu College, January 2003 Chairman Volunteer Committee, All India Inter University Football Women Championship, 1999 Official, Technical Committee, All India Inter University Cross Country MW Championship 20002001 Chairman, CBCSS Open Course, MG University, 201819 Chairman, Board of Examiners, Third sem. MPE Examination, MG University, 2016 Chairman, Board of Examiners, First sem. MPE Examination, MG University, March 2017 Chairman, Board of studies Physical Education of CMS College Kottayam Autonomous College 2016 18 Member, Board of Physical Education, MG University, 201314. Chairman, Board of Examiners, Third sem. MPE Examination, MG University, 201415 Chairman, Board of Examiners, Second sem. BPE Examination, MG University, 201314. Member, Board of Examiners, First Second sem. MPhil Examination, MG University, 201314, 201415. Commanding Officer, 5 K Naval Unit NCC NSS College Sub unit from 2001 to 2005 and 2009 to 2012 Contingent Commander of the Kerala Contingent that won the overall championship at the All India Nav Sainik competition held at Vishakapatnam in 2001. Officer in charge of the 350 kms adventure backwater sailing expedition organised by the 5 Kerala Naval unit NCC Achievements 1st Rank in BPED from YMCA College of Physical Education Madras University 1st Rank in MPED from Annamalai University 1st Rank in M.Phil from Pondicherry University Recipient of Gold Medal for outstanding performance from Pondicherry University. Recipient of overall Gold Medal in the All India N.C.C officers PreCommissioning course PRCN held at Southern Naval Command, Cochin. Recipient of overall Gold Medal in the All India N.C.C officers refresher course held at Eastern Naval Command,

Visakhapatnam. Publications Released an integrated E. Text Physical Fitness a Course in Health Wellness and Life Skills for CBCCSS programme for Under Graduate students. Role of free radicals on Humans, Carmel Graphics January 1 2006, ISSN No. 23207299 Vol 1 :4 Issue 1 Concepts of Wellness, Emerging trends in Sports Psychology, Proceedings of The National Seminar. ISBN No. 9788192210933 Laughter Yoga as an Intervention to Enhance Quality of Life of Elders, Education and Welfare 2014 A Multidisciplinary International Vol.III, Number 1. January-December, 2014 Peer Reviewed Journal, ISSN : 23201762 Effect of Pranayama on Endurance Among K. G. College Pampadi Football Players, ISSN : 23200316 Perceived Barriers to Physical Activity among Adolescent Female Basketball Players in EDUCATION FOR ALL A Multidisciplinary International Peer Reviewed/Refereed Journal, Vol. I, Number 1 January-December 2012 , ISSN : 23192437 Effects of Sustained Training on Exercise Induced Oxidative Stress among Top Level Rowers, International Educational EJournal, Quarterly, Volume VI, Issue I, Jan-Feb-Mar 2017, ISSN 22772456 IF 3.593 Influence of Acute Exercise and Training on Exercise Induced Oxidative Stress among Oarsmen, Lokavishkar International EJournal, Vol 07, Issue 01, Jan-Feb-Mar 2018, ISSN 2277727X IF 1.864 Effect of Unilateral Bilateral Plyometric Training With Yogasana Practice on Selected NeuroMuscular Variables of Idukki District College Football Players, THOUGHTS ON EDUCATION, A Multidisciplinary International Peer Reviewed/Refereed Journal, Vol. V, Number 1 January-December, 2016, ISSN : 23204710 Areas of special interest Exercise Physiology, Fitness, Kalaripayattu Special Course Training Programs attended Attended Certificate course in Handball coaching at National Institute of Sports , Patiala NIS Attended Training programme in Snorkelling SCUBA Diving in Lakshadweep Successfully completed level 3 International Swimming Coach course conducted by FINA and UAE Swimming Association

Department of Electronics and Communication Engineering SJ CET Palai Department of Electronics and Communication Engineering Software Development Center 20250122T06:05:2200:00 DEPARTMENT ACTIVITIES AUGUST Alumni Interaction : Sandesh.S, 201721 batch B. Tech ECE and currently working as Electronics Engineer at Bharat Electronics Limited BEL, Bangalore

addressed the 5th semester 202226 Batch ECE students about the career opportunities in Electronics Engineering and his experience to the journey to BEL. Alumni Interaction :Ashik Mohammed Sali, a 2020 graduate of the ECE department and currently pursuing Masters at Stevens Institute of Technology, Hoboken, New Jersey, USA addressed the 5th semester 202226 Batch B.Tech ECE students on 16th August 2024. During his talk, he shared perspectives from his experience in the Electronics industry and provided guidance on pursuing higher studies abroad.

AICTE Sponsored Three Days Offline VAANI Vibrant Advocacy for Advancement and Nurturing of Indian Languages. Seminar on Advancements in Electronics Systems for Healthcare Applications was conducted for teachers and staff from colleges, schools and UG, PG, research students from 29082024 to 31082024.

SEPTEMBER Industry Institute Interaction Er.Sasikumar Selvaraj, Training session head South Region, SMC Cooperation India Pvt.Ltd, delivered a session on Fundamentals of Industrial Automation to the B.Tech pre final year students of Electronics and Communication Engineering Dept. on 03092024 at Mother Teresa Block seminar hall in association with the students association ECSA.

Alumni tech talk session on the Industrial applications of Core Courses in Electronics and Communication Engineering and an Interactive session on Interview Placement failures by Mr. Suraj Prem, Firmware Engineer, Nextica Technology Pvt Ltd. Bangalore was conducted for S5 202227 Batch ECE students, organised by ECSA on 070924 at 2:00pm at Seminar Hall Mother Theresa Block.

Alumni interaction by Mr. Sony J Thomas, a Graduate Trainee at Cochin Shipyard Ltd. and a former Software Engineer at Gadgeon Systems Inc., an alumnus of 20172021 ECE batch, SJ CET Palai was conducted on 23092024 for S5 ECE students, organised by ECSA.

Three Days Advanced Training on Industrial Pneumatic Controls, by Er. Sasikumar Selvaraj, Training session head South Region, SMC Cooperation India Pvt. Ltd was conducted for the qualified students of S5 ECE B. Tech students from 25092024 27092024.

Industry Institute Interaction: Mr.Timi Abraham, Talent Acquisition Campus Relations at UST Global led a 2 hours preplacement talk to final UG and PG students of SJ CET, on 30092024 at St.Francis Block Seminar Hall in association with the Placement cell. In this session, he introduced about USTs recruitment process, the opportunities available for fresh graduates and Post graduates, USTs work culture,

domains, and technologies etc. OCTOBER Alumni interaction Mr. Charles P. Alex, Senior System Engineer, 6D Technologies Pvt. Ltd., and Mr. Ajith Kumar, Communications Engineer at British Telecom, UK alumni of the 20162020 B. Tech ECE batch was conducted for S5202227 Batch ECE students on 15102024. Jumpstarting a Career in Electronics and Related DomainsTech Talk by Er. Robin Tommy, Vice Chairperson of IEEE RAS Kerala Chapter and Impact Innovations Startup Mentor at TCS was conducted for S5202226 Batch and S7 202125. B. Tech ECE students on 18102024. Skillforge An outreach program to create enthusiasm among the high school students organised as part of Prayana by IEEE RAS Kerala chapter. The students were given an Introduction to the fundamentals of Robotics followed by a workshop on how to start with developing a Robot. The event was held at various laboratories of the Dept. of Electronics and Communication Engineering SJ CET PALAI on 18102024. On 21102024, the S5 ECE students of 202226 batch of St. Josephs College of Engineering Technology, Palai Autonomous had the opportunity to visit Cochin International Airport CIAL. The visit provided indepth knowledge into the operations of Air Traffic Control ATC units, where students witnessed live demonstrations of the ATC tower control, approach control, and area control systems. The students also visited CIALs 14.4 MW solar power plant, learning about its efficient solar energy generation and the associated systems. This visit was an excellent exposure for the students, enriching their understanding of both air traffic management and sustainable energy systems. The twoday training program on Soft Skill Development for the final year B.Tech ECE students 202125 batch was conducted on on 23rd and 24 rth October 2024. The program is organized in association with the Placement Cell. The session was led by Mr. Roshan Roy, Director Managing Partner of TalenTus Institute for Transformation, Kerala. The training aimed to equip the students with essential soft skills to enhance their employability covering areas like communication, leadership, and teamwork. NOVEMBER One day workshop on Basics of Electronics Analysis and Design to the first year students by Mr. Shalu Thomas, Founder and CEO, Digital Core Technologies held at MTB seminar hall on 15112024. The twoday training program The young professional was conducted for the first year B.Tech ECE students 202428 batch began on 20th and 21st October 2024. The program is jointly organized by the Placement Cell and ECSA.

The session was led by Mr. Roshan Roy, Director Managing Partner of TalenTus Institute for Transformation, Kerala. The training aimed to equip the students with essential soft skills to enhance their employability covering areas like communication, leadership, and teamwork. AICTE sponsored ATAL FDP on IoT for Future Connectivity Insights, Implementation and Security, Organised by ECE Department from 25/11/2024 to 30/11/2024. Mr. Sujay J S, Group Director, Mavenir Systems, delivered an engaging session for first-year B.Tech ECE students on 29th November 2024. He discussed emerging trends in telecom technologies, including cloud-native and Open RAN solutions, and provided valuable inputs to the young minds into product development and solution architecture. Highlighting career opportunities in the telecom industry, he has also shared his personal experiences and leadership journey, inspiring students to explore the dynamic field of telecommunications.

Technical Talk: The Department of Electronics and Communication Engineering in association with ECSA had the privilege of welcoming Mr. Mithun C A, Product Design Engineer at Memory Technology, SanDisk, Bangalore on 30th November 2024. He conducted a technical talk for the first semester 2024-28 Batch ECE students. Mr. Mithun shared valuable knowledge into the fascinating world of memory technologies and product design. His session not only highlighted the evolving landscape of Electronics but also inspired the students to explore innovative opportunities in the field. The interaction provided a perfect blend of technical knowledge and career guidance, leaving the students motivated to excel in their engineering journey.

Dr. Renjith Thomas SJCET Palai Dr. Renjith Thomas Software Development Center
20240131T11:27:0700:00 Dr. Renjith Thomas HoD Associate Professor Department of Artificial Intelligence Data Science Mobile Number: 91 9446115817 Email: hodadsjcetpalai.ac.in Education Experience Publications FDP STTP Conferences Seminars Patents Books Chapters Awards Achievements NPTEL MOOC Courses Funded Projects Education Sl. No. Degree Specialization Institution University Year of Passing 1 BTech Electronics and Communication Engineering MBC Peermadu MGU Kottayam 2006 2 ME Applied Electronics

Maharaja Engineering College Coimbatore Anna University Chennai 2012 3 PhD Image Processing
 Hindustan Institute of Science and Technology Chennai Hindustan Institute of Science and
 Technology Chennai 2019 Experience Name of the college Industry Designation Date of Joining Date
 of Relieving MCET Pathanamthitta Associate Professor 03 July 2019 18 Jan 2024 GISAT Kottayam
 Assistant Professor 18 June 2012 2 July 2019 Gov Polytechnic College Nedumkandam Lecturer 01
 Jan 2010 12 Oct 2010 XUSLIMITS Kollam Programmer July 2006 Dec 2009 Publications Journals
 Thomas, R., Rangachar, M. J. S. 2017. Fractional bat and multikernelbased spherical SVM for low
 resolution face recognition. International Journal of Pattern Recognition and Artificial Intelligence,
 World Scientific, 3108, 1756014. Thomas, R., Rangachar, M. J. S. 2016. Integrating GWTM and
 BAT algorithm for face recognition in lowresolution images. The Imaging Science Journal, 648,
 441452. Thomas, R., Rangachar, M. J. S. 2016. Towards Proposing Gabor Ratio Measures and
 Fuzzy Logic Classifier for Face Recognition. International Journal of Applied Engineering Research,
 RIP Publication, 1111, pp 72007211. Thomas, R., Rangachar, M. J. S. 2019. Fractional rider and
 multikernelbased spherical SVM for low resolution face recognition. Multimedia Research, 22, 3543.
 Thomas, R., Rangachar, M. J. S. 2018. Hybrid optimization based DBN for face recognition using
 lowresolution images. Multimedia Research, 11, 3343. Conferences Presented Nidiya, H., Thomas
 R., Kurian Oommen Automated Detection of Pneumonia using PreTrained Convolutional Neural
 Networks in XRay Images. IEEE 3rd International Conference on Mobile Networks and Wireless
 Communication ICMNWC2023 Thomas, R. Face recognition from image patches using an
 ensemble of CNNlocal mesh pattern networks. IEEE 6th International Conference for Convergence
 in Technology I2CT pp. 15 2021. Thomas, R., Rangachar, M. J. S. GWTM and crow search
 algorithm for face recognition in lowresolution images. IEEE International Conference on Advances
 in Computing, Communication Control and Networking ICACCCN pp. 963970 2018. Presented
 Thomas, R., Rangachar, M. J. S. Genetic algorithm optimization and Multikernelbased spherical
 SVM for LowResolution face recognition. IEEE Third International Conference on contemporary
 computing and informatics ic3i2018. Thomas, R., Tamilselvan A. Improving the efficient relevance
 feedback for content based image retrieval by user navigation pattern National conference on

advanced embedded and signal processing NCAESP 2012, Vol 1, 2012. Thomas, R., Tamilselvan A. Improving Retrieval performance by efficient relevance feedback National Conference on VLSI, Communication and computation NCVCC 2012. Divya, P., and Thomas, R., Hybrid Technique for Hiding Data Inside Video Using Combined Cryptography and Steganography International Journal of Innovative Research in Science, Engineering and Technology Vol 6, Issue 5, 2017. Ansu, R. R. and Thomas, R. Modified BAT Algorithm for Efficient Optimization in LTE Systems International conference on Cyber security, Image processing, Signal processing, Communication, Optimization in VLSI Embedded systems and Networking ICCISCON Vol 1, 2018.

FDPSTTPConferencesSeminars Oneweek FDP on Recent Trends in IoT from 06June 10 June 2022 at Mahatma Gandhi Institute of Technology Hyderabad. Three Days virtual faculty development program on Advances in VLSI, Embedded, Signal Processing from 04 June 2021 to 07 June 2021 at Er. Perumal Manimekallai College of Engineering, Hosur. Five days online FDP on Industrial Electrical Safety Issues Innovations from 24 March 2021 to 30 March 2021 at MCET Pathanamthitta. Two weeks STTP on Scientific Computing with Python from 09Nov 2020 to 20 Nov 2020 at RIT Kottayam Three Days TEQIP II sponsored FDP on Advanced Communication and Application of Nanotechnology from 04Dec 2019 to 06 Dec 2019 at College of Engineering Perumon. ATAL FDP on Internet of Things from 16 Dec 2019 to 20 Dec 2019 at National Power training Institute Alappuzha Kerala.

Patents

Sl. No.	Application No.	Filing Year	Title of Invention	Patent date
1.	2021101443	2021	Australian Patent Title of invention: Secure Device To Device Connectivity Mechanism for IoT Smart City Applications.	Publication date: 28/04/2021
2.	6336195	December 2023	UK Design Patent Title of invention: AI Enabled Under Water Pollution Tracking Device.	Grant date: 13 January 2024

Books/Chapters

Sl. No.	Title of the Book	Publisher	Year of Publication	ISBN
1.	Abstract Proceedings of the International Conference on Research Advances in Engineering and Technology	ITechCET 2021, Wizcraft Publications and Distribution.	June 2023	ISBN: 9780735443846
2.	Abstract Proceedings of the International Conference on Research Advances in Engineering and Technology	ITechCET 2022 Wizcraft Publications and Distribution.	Issue Date: 09/03/2023	ISBN: 9789392268311

Awards/Achievements Kerala Startup mission IDEA Fest 2022 awarded Rs 200000 Two Lakhs as seed money from 17 Lakhs for Artificial Intelligence based vehicle modification detector. International Conference Editor Scopus Indexed ITechCET2021 AIP American Institute of Physics 2021. International Conference Editor Scopus Indexed ITechCET2022 AIP American Institute of Physics 2022. Reviewer of Hindawi Publications 2020. AICTE Technical Book Reviewer 2023/2024. IEEE Conference Reviewer, AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology NMITCON 2023. Session Chair, RTACT 2023 National conference. Coordinator of Ente keralam program from institution Winner Open Area Stall 2023. Reboot Kerala Hackathon Finalist 2020. 2 NPTEL MOOC Courses. KTU MTech BOS Subcommittee member NPTEL MOOC Courses Microprocessor and Interfacing Jan-April 2021, 12 Week course Microprocessors and Microcontrollers Jan-April 2020, 12 week course Funded Projects Vehicle Modification Detector Kerala Startup mission IDEA Fest 2022 awarded Rs 200000 Two Lakhs as seed money from 17 Lakhs for Artificial Intelligence based vehicle modification detector.

Ashly Thomas SJCET Palai Ashly Thomas Software Development Center 2022 05/26 T09:18:16 00:00
 Prof. Ashly Thomas Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9446803437 Email: Ashly.thomassjcetpalai.ac.in Date of Joining: 13.09.2012 Education Experience Membership Workshops/Seminars/Courses attended Publication in Conferences/Journals Conferences Awards Grants Education Degree Specialization Institution University Year of Passing B.E Computer Sc and Engg Karunya University, Coimbatore Karunya University, Tamil Nadu 2009 M.Tech. Network and Internet Eng Karunya University, Coimbatore Karunya University, Tamil Nadu 2011 MBA Human resource management Alagappa University Alagappa University 2014 Ph.D. Rajiv Gandhi Institute of Technology, Kottayam APJ Abdul Kalam Technological University, Kerala Doing Experience Name of the College/Industry Designation Date of Joining Date of Relieving MES College of Engineering, Kuttippuram Assistant Professor 13th June 2011 12th September 2012 Membership Name of the Institution Membership ID No ISTE Life Member CSI F8004229 Workshops/Seminars/Courses attended Two Day ISTE e-seminar on Steps to research by Amal

Jyothi College of Engineering, Kanjirapally One week ISTE workshop on Computer Programming by IIT Bombay One day ISTE eworkshop on Creative Teaching by AmalJyothi College of Engineering, Kanjirapally Faculty Development programme on Instructional Design Delivery System at SJCET, Palai Twoday ISTE workshop on Aakash for Education by IIT Bombay National Workshop on Mobile Communications at Jyothi Engineering College, Thrissur. National Seminar on Research Issues in Wireless Networks, conducted in Kongu Autonomous Engineering College, Erode on September 2010. 3 day Workshop on FEEL Teacher by College of Leadership and Human Resource Development at SJCET, Palai 5 days ISTE short term training programme on Guidance and Counseling at SJCET, Palai 4 days training in IBM SEED software by IBM at SJCET, Palai 3 days Faculty Development Program on Accreditation and Outcome Based Education at College of Engineering, Adoor. Completed NPTEL Course with FDP on Introduction to Internet of Things during July October 2019 Completed NPTEL Course with FDP on Objet Oriented Analysis and Design during Aug Oct 2019 Attended 5 days Short term Training Program on Emerging AI Techniques in Data Analytics at CUSAT during 12th to 16th of September 2020 Completed NPTEL Course with FDP on Computer Networks and Internet Protocol during January April 2020. Completed NPTEL Course with FDP on Computer Networks and Internet Protocol during January April 2020. Completed NPTEL Course with FDP on Big Data Computing during September November 2020. Attended 3 days Short Term Training Program on Data Analytics and Biomedical Systems at RIT, Kottayam from 08032021 to 10032021. KTU sponsored 5 days FDP on AI and Data Sciences: A pedagogical Approach from 9th to 13th August 2021. Publication in Conferences Journals Ashly Thomas, N. Dhinakaran, P. Anitha Christy Angelin, ASMOCK: Authenticated SMOCK for Wireless Sensor Networks, International Journal of Computer Applications, Vol. 19, Issue 6I, April 2011. doi:.org10.512023693119 Chaithannia T S, Ashly Thomas, Different Enhancements for Flooding Scheme in Mobile Adhoc Networks, International Journal of Computer Applications, February 2012 Nisha P John, Ashly Thomas, Prevention and Detection of Black Hole Attack in AODV based Mobile Adhoc Networks A Review , International Journal of Scientific and Research Publications, Volume 2, Issue 9, September 2012. Chinchu Glaison, Ashly Thomas, Image Fusion with Pyramidal

Decomposition in International Journal of Research in Advent Technology, Vol. 2, Issue 7, July 2014. Impact Factor 1.473 Greeshma S Chirayil, Ashly Thomas, Security and Privacy Preserving with Service Consuming in Vehicular Cloud International Journal of Computer Science Trends and Technology, Volume 4 Issue 4, 2016 Aneesha Shaly George, Christy Shaji, Harikrishnan A, Jose Paul, Ashly Thomas, Drowsy State Detection Warning Using EAR and Shape Predictor68Facial Landmark International Journal of Innovative Science and Research TechnologyIJISRT, Volume 5, Issue 5, May 2020, ISSN No:24562165 Mili Rafi, Sherin Mary Shaji, Ashly Thomas, Certificate Management and Validation System Using Blockchain International Research Journal of Engineering and Technology IRJET, Volume: 07 Issue: 05, May 2020 Rithin Jose, Romal Roy, Roop Saji, Rose Maria M T, Ashly Thomas, Ignis: Fire Detection and Mitigation System in the International Research Journal of Engineering and Technology IRJET, Volume: 08 Issue: 06, June 2021, pISSN: 23950072 Justine Francis, Subin M, Stebin Paul, Kichu Sebastian, Ashly Thomas, IOT Assisted Electronic Device Controlling System in the Transactions on Innovations in Science Technology, Volume.5, Issue.1, 2021, pp.18919, ISSN: 24565075 AshlyThomas, N.V.Sobhana,A survey on crime analysis and predictionin the Materialstoday Proceedings, Volume 58, Part 1, 2022, Pages 310315. Presented paper entitled A memory efficient and secure key management scheme for wireless adhoc networks, in International Conference on Information Communication and Embedded Systems ICICES 2011, February 2011 at S.A. Engineering College, Chennai. Presented paper entitled Comparative study on LALR Parsing and Predictive Parsing in Assembler Development at the International Conference on changes and challenges in Commerce, Management, Engineering, Technology Social Sciences held on May 2013. Presented paper entitled A study on cost effectiveness and Security of VANET technologies for future Enhancement at the International Conference on Global Colloquium on Recent Advancements and Effectual Researches in Engineering held on April 2016 Presented paper entitled Your Signature is Assured: Post Quantum Cryptography at the International Conference ICCISCON held on April 2018 Presented a paper entitled A survey on crime analysis and prediction at the International Conference on Artificial Intelligence and Energy Systems held during December 2021. Conferences Presented paper

entitled Comparative study on LALR Parsing and Predictive Parsing in Assembler Development at the International Conference on changes and challenges in Commerce, Management, Engineering, Technology Social Sciences held on May 2013. Presented paper entitled A memory efficient and secure key management scheme for wireless adhoc networks, in International Conference on Information Communication and Embedded Systems ICICES 2011, February 2011 at S.A. Engineering College, Chennai. Awards Grants Received funding of Rs. 10,000 for the project titled IoT based Drowsy Detection and Warning System from Kerala State Council for Science, Technology and Environment during the academic year 2019 2020

Department of Electronics and Instrumentation Engineering SJ CET Palai Department of Electronics and Instrumentation Engineering Software Development Center 20220512T11:00:1300:00 ABOUT THE BRANCH Electronics Instrumentation EI Engineering is an interdisciplinary branch which is an interface between electrical, electronics, and mechanical engineering. Under graduate course in AEI covers the essentials of Mechatronics, Robotics, Artificial Intelligence, Automotive Electronics, Biomedical Engineering, Process Control Automation, Microelectronics etc. This branch of engineering is concerned with the design of measuring instruments and control systems. Students of this branch exclusively learn principle and operation of measuring instruments, configuration of automated systems, accurate control of physical parameters in process industries etc. and they earn expertise in core competencies of electronics engineering, as well. ONE MANS MAGIC IS ANOTHER MANS ENGINEERING. SUPERNATURAL IS A NULL WORD ROBERT A. HEINLEIN CAREER PROSPECTS Instrumentation engineers have great career prospects in aerospace, avionics, defence research, pharmaceuticals, food industries, thermal power plants, steel plants, fertilizer plants, automobile companies, biomedical companies and refineries. Major recruiters of instrumentation engineers are Honeywell, Bosch, Saudi Aramco, Qatar Petroleum, Yokogawa, Petrofac, Volvo, Volkswagen, Defence Research and Development Organization DRDO, Indian Oil Corporation Ltd IOCL, Oil and Natural Gas Corporation Ltd.ONGC, Hindustan Aeronautics Ltd.HAL, Reliance Petroleum, Samsung Electronics, etc. B.Tech BE graduates in AEI are eligible for Masters

programs in Avionics, Aerospace Engineering, Data Analytics, NanoTechnology, Embedded Systems, Power Electronics, Communication Engineering, Control Systems, Signal Processing, VLSI Design, Computer Vision Image Processing etc. The institutes of national repute which offer masters program in instrumentation in India include, Indian Institute of Science IISc Bangalore, Indian Institute of Technology IIT Mumbai, IIT Delhi, NIT Rourkela, NIT Calicut, Indian Institute of Space Science Technology, Trivandrum IIST etc.

ABOUT THE DEPARTMENT The Department of AEI has the heritage of 15 years and has been a part of SJCT since its inception itself. The department offers a wellstructured under graduate program, B.Tech in Applied Electronics and Instrumentation Engineering. Our expertise and competence are in computer vision, medical image computing, Bio Signal Processing, Deep learning, Lowpower analog VLSI Design, Plant Automation, Design Robotics, Navigation and Control, Sensor Design, ASIC, Power Systems etc.

OBJECTIVES OF THE DEPARTMENT To make the students employable and industry ready by developing practical skills as well as theoretical command in the focal areas of instrumentation engineering. To be instrumental in national development and for the integration and well being of the society by producing engineers with commitment and ethics. To uplift the quality of the department, to international standards via industry academia collaborative initiatives and to enhance the knowledge as well as expertise of the faculty through life time learning and research.

COURSES WE OFFER

B.Tech Electronics Instrumentation Engineering The curriculum of under graduate programme in Electronics and Instrumentation engineering includes courses on the design of analog and digital instruments used for measurement and control of physical parameters such as flow, pressure, temperature, and level, and the calibration of such instruments. Students learn to design and configure embedded systems, and to design and implement automated systems composed of sensors, actuators, and programmable logic controllers PLC.

CURRICULUM Along with the specialized subjects of instrumentation, students learn the subjects which equip them to acquire the core competencies expected from an engineer graduated in Electrical Electronics engineering or Electronics Communication engineering. Core Subjects: Digital System Design, VLSI Circuit Design Embedded System Design Micro Electronics, MEMSNEMS Logic and Distributed Control Aerospace

and Navigation Instrumentation Petroleum Technology, Industrial Instrumentation Virtual Instrument Design Instrumentation for Agriculture Power Electronics, Power plant Instrumentation etc

CourseDurationIntakeSyllabus Applied Electronics Instrumentation Engineering 4 Year 30 syllabus

ON GOING IN HOUSE RESEARCH PROJECTS A frame work for Automated Evaluation of Diabetic Retinopathy Ms. Deepa V. Prediction of Post Target ECG in Tread Mill Test Ms. RashmiAnnamma George Automated Control of Fraction of Oxygen FiO_2 in Ventilated Patients Mr. Jiss Mohan K. Characterization of OsteoArthritis from VibroArthrographic Signals Ms. RameesaMol J. Demand Based Smart Energy Metering System using LabVIEW Mr. AlSaheer S.S. INITIATIVES BEYOND THE CLASS ROOM MoU WITH YOKOGAWA Yokogawa India Ltd., established in 1987 is a provider of Enterprise Technology Solutions ETS. The company excels in turnkey project execution in Process Automation and Enterprise Integration with core competencies in Design and Engineering of Process Control Systems, Implementation of Extended Enterprise Applications etc. Department has Memorandum of Understanding with Yokogawa India Ltd. on Technical Knowledge Exchange. The training programs mentored by Yokogawa offers add on hands on expertise to students and faculty on mandatory skill sets in industrial automation. Yokogawa is one of the key recruiters of our students. ISOI Instrument Society of India The Society of Instrumentation professionals was established in the year 1970, with headquarters at Indian Institute of Science, Bangalore. It strives to act as a link between academic institutions and the instrumentation industry. In SJCET, ISOI chapter was started in the year 2004. All the students and the faculty in department of Instrumentation Engineering are the members. The department organizes various programs like, seminars, conferences, paper presentation, Invited talks etc. in collaboration with ISOI for the development of students. ISA Instrumentation Students Association The Instrument Students Association ISA was established at SJCET in the academic year 2003. The objective of ISA is to provide a forum, which will effectively represent the interest and concerns of students of Applied Electronics and Instrumentation department, for pooling their knowledge and experience, supporting the initiatives and events that enrich the career. OUR STRENGTH FEW OF OUR ALUMINI FACILITIES INSTRUMENTATION LAB PROCESS CONTROL LAB VIRTUAL INSTRUMENTATION

Dr. Srtuthy S SJCET Palai Dr. Srtuthy S Software Development Center 20200602T06:14:3700:00

Dr. Sruthi S Assistant Professor Department of Computer Science Engineering Mobile Number: 91 7907757129 Email: sruthy78gmail.com Education Experience Publications Education

DegreeSpecializationInstitutionUniversityYear of Passing B. E. Bachelor of Engineering in Computer Science and Engineering, BE Anna University, Tamilnadu College of Engineering Anna University April 2009 M. Tech Master of Technology in Computer Vision and Image Processing M.Tech Amrita Vishwa Vidyapeetham, Amrita University, August 2011 Ph. D. Faculty of Information and Computer Engineering Image Processing Noorul Islam University Noorul Islam University 29012020

Experience Assistant Professor in the Department of Computer Science and Engineering. Sree Buddha College of Engineering SBCE, Elavumthitta. Pathanamthitta, Kerala 689625. From 11 July 2011 31052020. 9 year Experience Publications Papers Published In International Conference: Published paper titled Scale Invariant Detection of CopyMove Forgery using Fractal dimension And Singular values to Second International Symposium on Signal Processing and Intelligent Recognition Systems SIRS15. Published paper titled Image Fusion Technique using DTCWT in IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, Imac4s2013 March 2223, Organized by SJCET in association with IEEE Kerala Section. Published paper titled Image Fusion Technique using Curvelet Transform in International Conference on Advances in Computer Engineering, ACE2011, August 25, Organized by Association of Computer Electronics and Electrical Engineers, ACEEE. Published paper titled Image Fusion Technique using Wavelet Transform in IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, Imac4s2013 March 2223, Organized by SJCET in association with IEEE Kerala Section. Presented poster on The Development of Image Fusion Toolbox in International Womens conference conducted by ACM on Sep 1617, 2010. Scopus Indexed International Journals Sruthy. S and S. Suresh Babu, Fix Bad Scanned Character, Line and Paragraph of Curved Document Images Journal of Advanced

Research in Dynamical and Control Systems, Volume 9, Special Issue 18, 2017, pp. 10841096.

Sruthy. S and S. Suresh Babu, Dewarping on Camera Document Images International Journal of Pure and Applied Mathematics, Volume 119, Special Issue 16, 2018, pp. 10191044.

Sruthy. S and S. Suresh Babu, Curve Fitting and Mesh Construction in Documents Journal of Computational and Theoretical Nanoscience, Volume 15, Number 67, JuneJuly 2018, pp. 20762081.

Dept. of CSE Alumni Corner SJ CET Palai EVERYONE SHOULD LEARN HOW TO CODE, IT TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the Computer Science and Engineering Department of St. Josephs College of Engineering and Technology Palai provides a wellrounded education through innovative methods to meet the needs of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative ways.

VISION MISSION PEO PSO VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society.

MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various programs periodically To acquire selfsustainability and serve the society through research and consultancy

PEO PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs. PEO2: The graduates will have the ability and attitude to adapt to emerging technological changes. PEO3: The graduates will be able to pursue higher education and research.

PSO After Successful Completion of the programme, the graduates will be able to PSO 1: Analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering. PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications. PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems.

Aswathy James SJ CET Palai Aswathy James Software Development Center

20230814T04:24:2800:00 Prof. Aswathy James Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 8943207535 Email: aswathyjamessjcetpalai.ac.in

Education	Experience	FDPSTTPConferencesSeminars	Education	Sl.
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No.DegreeSpecializationInstitutionUniversityYear of Passing	1	MTech Computer Science And		
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Engineering St. Josephs College of Engineering and Technology KTU	2018	2	B.Tech Information	
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Technology Amal Jyothi College Of Engineering M.G University	2014			
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Experience	Name of the college	IndustryDesignation	Date of Joining	Date of Relieving
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Madhubhen And Bhanubhai Patel College Of Engineering, Gujarat Assistant Proffesor	2019	2019	FDPSTTPConferencesSeminars	
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Paper is published on International Journal for Scientific Research and Development on the topic

Accident Detection Paper is published on International Journal of Advance Research Ideas and

Innovations in Technology on the topic EnergyEfficient Sleeping Technique in Cellular Network

Participated in the international conference RAEREST 2018 at Josephs College Of Engineering and

Technology Palai and published paper on IOP Science on the topic Smart Car Parking with

Reservation System Using OR Generator. Paper is published on International Journal of Creative

Research Thoughts on the topic An Efficient Communication and EnergyEfficient Sleeping

Technique in Cellular Network.

COVID Related Counselling Guidance for Mental Health SJ CET Palai HomeCOVID Related

Counselling Guidance for Mental Health COVID Related Counselling Guidance for Mental Health

Software Development Center 20201229T04:42:5300:00 COVID Related Counselling Guidance for

Mental Health Video links of Ministry of Health Family Welfare Behavioural Health: PsychoSocial toll

free helpline Minding our minds during the COVID19 Practical tips to take care of your Mental Health

How to manage Mental health Well Being during COVID19 outbreak

Criterion 1 Curricular Aspects SJ CET Palai 1.1 Curricular Planning and Implementation 1.1.1 The

Institution ensures effective curriculum planning and delivery through a wellplanned and documented process including Academic calendar and conduct of continuous internal Assessment a Upload Additional information b Provide Link for Additional information

1.2 Academic Flexibility

1.2.1 Number of CertificateValue added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years

a List of students and the attendance sheet for the above mentioned programs b Institutional programme brochurenotice for CertificateValue added programs with course modules and outcomes c Institutional data in the prescribed format d Evidence of course completion, like course completion certificate etc. Apart from the above e Provide Links for any other relevant document to support the claim if any

1.2.2 Percentage of students enrolled in Certificate Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

a Upload supporting document b Institutional data in the prescribed format

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

a Upload Additional information b Provide Link for Additional information

1.3.2 Percentage of students undertaking project workfield work internships Data for the latest completed academic year

a Upload supporting document b Institutional data in the prescribed format

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

a Feedback analysis report submitted to appropriate bodies b At least 4 filledin feedback form from different stake holders like Students, Teachers, Employers, Alumni etc. c Action taken report on the feedback analysis d Link of institutions website where comprehensive feedback, its analytics and action taken report are hosted e Provide Links for any other relevant document to support the claim if any

TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the Computer Science and Engineering Department of St. Josephs College of Engineering and Technology Palai provides a wellrounded education through innovative methods to meet the needs of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative ways.

VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society.

MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various programs periodically To acquire selfsustainability and serve the society through research and consultancy

PEO

PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs.

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PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems.

Contact SJCET Palai Contact 20171114T05:45:2400:00 This is a page with some basic contact information, such as an address and phone number. You might also try a plugin to add a contact form.

Dept. of CSE Placement 20222023 SJCET Palai EVERYONE SHOULD LEARN HOW TO CODE, IT TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the

Computer Science and Engineering Department of St. Josephs College of Engineering and Technology Palai provides a wellrounded education through innovative methods to meet the needs of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative ways.

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Dept. of CSE Alumni Corner SJCET Palai Dept. of CSE Alumni Corner Software Development Center 20220505T08:01:5800:00 EVERYONE SHOULD LEARN HOW TO CODE, IT TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the Computer Science and Engineering Department of St. Josephs College of Engineering and Technology Palai provides a wellrounded education through innovative methods to meet the needs of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative

ways. VISION MISSION PEO PSO VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society. MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various programs periodically To acquire selfsustainability and serve the society through research and consultancy PEO PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs. PEO2: The graduates will have the ability and attitude to adapt to emerging technological changes. PEO3: The graduates will be able to pursue higher education and research. PSO After Successful Completion of the programme, the graduates will be able to PSO 1: Analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering. PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications. PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems. Find us on PROGRAMS WE OFFER B.Tech. Computer Science and Engineering CSE An Engineering program which seamlessly articulates the concepts from basic science to technology with relevant practice through lab and projects for building the problem solving skills, keeping industry requirements in place. Students will develop competence in areas like Programming, Database Management Systems, Networks and Security, Operating Systems, Cloud Computing etc. To enable the students to keep pace with changing technological advances, the university has industrial tieups with Oracle and SAP. Studying these courses as a part of the curriculum would provide a WILD CARD entry to industry. M.Tech. Computer Science and Engineering Learners are matured in a specific area of specialization by extending their prior knowhow through meticulous set of advanced courses with a dissertation to showcase their research potential. The focus for thesis is to solve an industry centric problem. Ph.D. Computer Science and Engineering The Ph.D. in Computer Science and Engineering is a research degree which culminates in a unique dissertation that demonstrates original and creative research. The

program has been designed to help the research scholars to gain an indepth understanding of a specialized subject related to computer science. This would allow them to predict developments and make contributions in area of expertise. The research scholars pursuing the Ph.D.degree are provided with an environment and facilities that help to develop analytic and research skills to define the research problems, to study advanced knowledge base to discover innovative solutions available till date. They are also provided with opportunities to practice consultation so as to facilitate innovative change in organizations, communities, and society.

More Details INITIATIVES BEYOND THE CLASS ROOM

CENTRE FOR RESEARCH DEVELOPMENT Research and Development center is an integral part of the activities of St. Josephs College of Engineering and Technology. Our Dept RD center has initiated consultancy works, students projects and many projects which satisfy the requirements of the college, the center has also initiated many training programmes for the faculty and students.

TECH TALKIES Tech Talkies is the department magazine series launched by the students of Computer Science and Engineering. It provides a platform for the students to inform and promote advances and innovations in Computer Science. It contains indepth articles about latest technologies in the field of Computer Science and Engineering.It also includes research ideas and papers of faculty also.

NPTEL LOCAL CHAPTER NPTEL is the largest repository of online courses in Engineering, Science Humanities from Indias best Institutes. Students can experience class room like learning from the experts. SJCET Palai is now a Local Chapter of NPTEL. The students of SJCET can access all the courses of NPTEL even without an Internet connection. More than 350 courses on Engineering, Science Technology is available locally at SJCET Palai Server. The students can apply for scholarships provided by companies like Aricent. The students who pass the examination are also eligible for a certificate from reputed IITs. To join the online courses

LEARNING MANAGEMENT SYSTEM Learning Management System LMS designed to complement classroom instruction and engage students in online activities , assignments and discussions, examinations, wikies that allow for deeper participation inside and outside the classroom. Visit Here

SPOKEN TUTORIAL REMOTE CENTER SJCET Palai is the resource center for promoting Spoken Tutorial Project IIT Bombay, an initiative of National Mission through ICT, MHRD, Govt. of India. The

Spoken Tutorial Project is the initiative of the Talk to a Teacher activity of the NMEICT. SJCET Palai SPOKEN TUTORIAL REMOTE CENTER will be conducting workshops on Linux, Scilab, PHP MySQL, Python, Java, CC, OpenFOAM, Blender, KTurtle, Oscad, GIMP etc. Department of Computer Science Engineering coordinating this in the college. SOFTWARE DEVELOPMENT CENTER Software Development Center in SJCET has started in 2016 as a part of Make in SJCET movement. SDC flourishes under the auspices of the Computer Science Engineering department of St. Josephs College of Engineering and Technology, Palai as a part of Make in SJCET movement. It addresses not only the technology developing needs of the host college but also provides technical assistance and technology development for external clients as well. Google Cloud Career Readiness Program SJCET Palai announces participation in the Google Cloud career readiness program. The Google Cloud career readiness program enables students of all backgrounds the ability to prepare for cloud careers by building deep expertise through industryrecognized training, skill badges, and certifications. TRAINING PARTNER Red Hat Academy turns academic institutions into centers for enterpriseready talent by outfitting them with Red Hat Training. This comes in the form of hands on instruction, curriculum, labs, performancebased testing, and instructor support. Read More SJCET Palai is a GitHub Campus Get ready to explore the worlds leading software development platform Being one of the ten official GitHub Campus program partner Colleges in Kerala, SJCET has strengthened its hightech programming curriculum. Our partnership with GitHub now enable the students to get free access to the GitHub Student Developer Pack. This streamlines the move from theoretical into practical skills, as well as gives realworld tools needed in the tech trade. UiPath Academic Alliance MoU is signed with UiPath, a leading Robotic Process Automation vendor. This MoU empower students with automation skills on campus through specially designed Robotic Process Automation RPA curricula, the UiPath software platform, supporting forums, and collaboration tools. MoU WITH Oracle Read More Microsoft Learn for Educators SJCET Palai is now part of Microsoft Learn for Educators Program. Having access to Microsoft Learn for Educators and being able to offer Microsoft certification courses is a differentiator for institutions in the recruiting process, and a differentiator for students who learn these skills and enter the job market

Colleges that are participants in Microsoft Learn for Educators will have access to training opportunities and materials from Microsoft that will enable them to teach these courses. MoU WITH Oracle Oracle Academy provides educational institutions with the resources they need to help educators develop core computing knowledge and skills aligned to industry standards and using current technologies so they can teach students the skills they need to succeed. The program offers institutions and educators access to a wide range of teaching and educational resources, including curriculum, classroom learning resources, software, cloud technology, practice environments, and much more. [Read More](#)

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

COMPUTER SOCIETY OF INDIA

Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters across India, 511 student branches, and 100,000 members. [Read More](#)

THE ASSOCIATION FOR COMPUTING MACHINERY

The Association for Computing Machinery ACM is an international learned society for computing. It was founded in 1947 and is the world's largest scientific and educational computing society. A student chapter of ACM is working in St. Josephs College of Engineering Technology, Palai. Student Chapter provide unique opportunities for networking, mentoring and bonding over common interests. They provide support both within the student community and to local communities outside the institution. [IEEE COMPUTER SOCIETY](#)

THE IEEE COMPUTER SOCIETY

The IEEE Computer Society is a professional society of IEEE. Its purpose and scope is to advance the theory, practice, and application of computer and information processing science and technology and the professional standing of its members. The CS is the largest of 38 technical societies organized under the IEEE Technical Activities Board. [Read More](#)

CSEA The Computer Science Engineering Association

CSEA of St. Josephs College of Engineering Technology was established in the year 2004. All teaching and non teaching staffs as well as students of Computer Science Department are members of the CSEA by default.

DEPARTMENT LEVEL COMMITTEES

Department Advisory Committee

DAC Sl	No	Name	Designation	Role
1		Dr. Joby P P,	HoD CSE	Chairman
2		Dr. Praseetha V M,	Programme Coordinator	Member Secretary
3		Management Representative		Member
4		Prof. Smitha		

Jacob, Senior Faculty, CSE Member 5 Prof. Kishore Sebastian, Senior Faculty, CSE Member 6 Prof. Sarju S, Senior Faculty, CSE Professional Society Representative Member 7 Prof. Ashly Thomas, Senior Faculty, CSE Member 8 Mr. Sachin Jose, Training Placement Officer Member 9 Ms. Rosin C Jacob, Parent representative Member 10 Mr. Felix Joby, Student representative Member 11 Mr. Anil Kuriakose, Industry representative Member 12 Mr. Mridul George, Industry representative Member 13 Dr. Joby George, Professor CSE, MACE Academic Expert Member 14 Dr. Bejoy Abraham, Deputy Director KTU Academic Expert Member 15 Ms. Haripriya, Alumni representative Member 16 Mr. Thomas John, Senior Lab Instructor Member 17 Principal Permanent Invitee Internal Quality Assurance Cell IQAC SI No Name Designation Role 1 Dr. Joby P P, Professor Head Chairman 2 Prof. Sarju S Coordinator 3 Prof. Smitha Jacob Member 4 Prof. Divya Sunny Member 5 Prof. Meeren Thomas Member 6 Prof. Bino Thomas Member 7 Mr. Ciril Sebastian Member Programme Assessment Committee PAC SI No Name Designation Role 1 Dr. Joby P P, Professor Head Chairman 2 Prof. Sarju S, Asst Professor Coordinator 3 Dr. Praseetha V M, Associate Professor Member 4 Prof. Smitha Jacob, Asst Professor Member 5 Prof. Mereen Thomas, Asst Professor Member Course Coordinators S.No Category of Program Core Courses Stream Coordinator Members 1 Programming, Analysis of Algorithms and Graphics PAG Prof. Smitha Jacob 1. Dr. Praseetha V M 2. Prof. Sarju S 3. Prof. Subini Therese Babu 4. Prof. Thushara Sukumar 2 Computer Hardware Architecture and System Design CHSD Prof. Divya Sunny 1. Prof. Mereen Thomas 2. Prof. Jikku Thomas 3. Prof. Vimal Babu 4. Prof. Gayathri R Krishna 3 Database Machine Intelligence DMI Prof. Sarju 1. Prof. Angitha George 2. Prof. Syamamol 3. Prof. Dona Mary Cherian 4. Prof. Dyni Thomas 4 Network Security NAS Prof. Kishore Sebastian 1. Prof. Bino Thomas 2. Prof. Ashly Thomas 3. Prof. Jibin Philip 4. Prof. Athirasree Das 5 Project Work and Seminar PWS Dr. Praseetha V M 1. Prof. Ashly Thomas 2. Prof. Maria Yesudas 3. Prof. Anju B OUR STRENGTH Ph.D in Computer Science and Engineering The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college Research Scholars SI No Name of the Research Scholar Topic of Research Registration No 1 Ms. Suma R Occluded Face Recognition

DSJC18JUL002 2 Ms. Alphonsa Johny Efficient Big data Processing Technique DSJC18JUL001 3
Mr. Akhil Sekharan Security Challenges in Data Sharing DSJC20JAN005 Approved Guide
DEPARTMENT PUBLICATIONS 20192020 20202021 20182019 20192020 20202021 ALUMNI
CORNER ANNUAL DEVELOPER CONFERENCE GOOGLE IO 2018 Our Alumni Sethu Sathyan
Computer Science and Engineering Batch 201216, invited by Google to attend their annual
developer conference Google IO 2018 held on May 810 at Mountain View, California as a
community partner and an active contributor in Google Developers ecosystem. IO brings together
developers from around the globe for talks, hands-on learning with Google experts, and a first look at
Google's latest developer products. There was a series of keynote sessions which take a broader
look at how the technology we build can impact the world around us which includes the keynote by
Sundar Pichai. Congratulations Sethu Sathyan . We, SJ CET Family is proud of your achievement
As a kid, many people get asked different variations of the same question: What has been your best
experience And even at that age, there are many joyful moments to consider birthday parties, trips
to the local amusement park, and bicycling lessons. But often, it is not until your adult life that
you go through many of your most valuable events. Personally though, I consider my time in college
as my most valuable experience and each experience in college has strengthened me in my career. I
graduated from SJ CET, Palai in Computer Science . My experience in college has given me a
chance to sharpen my skills in my field of choice and the things I learned during my tenure as a
student helped me to get through training at Infosys. Apart from training, the experience the college
provided me with, helps me to achieve my day-to-day goals at work as a Full Stack Developer in
Java. In addition to the good education, my teachers helped me in my overall personality growth.
With their guidance, I am able to do well in this industry, both technically and verbally. Only with their
support, I was able to transform myself into a better orator and prepare myself to be industry ready.
To conclude, my time in college has enriched my life in many ways. It has provided me with the
necessary tools to enhance my skills more, taught me valuable knowledge and concepts. It also has
stressed to me the importance of thinking critically and asking questions in many situations. All
these aspects of college have also made me more well-rounded as a person. The experiences are

truly irreplaceable and I would not trade them for anything. If I could go back in time and speak to my much younger self when I was first asked the question, What has been your best experience the babyfaced version of me would certainly have been surprised by what my answer is now Anjumol Kuriakose Senior Systems Engineer Infosys Ltd. .. Dept. of CSE 20112015 SJ CET had setup a strong platform for me to build my profile during the 4 years of college. Currently I am working with Infosys as a web developer. All the ideas, technical knowledge and product knowledge I received during college is helping me a lot in my work now. Also I am leading the Google Women Tech Makers Chapter in Trivandrum city. SJ CET has been a great contributor towards the development of my technical and leadership skills. Four years of college life was an amazing platform to collaborate with a lot of people passionate about science and technology. My journey started with an All India IEEE event during my second year, where I met a lot of likeminded people working together. Every single faculty from the college was always around to lend a helping hand and to guide me in whatever area I needed help with. The NASSCOM Startup event in 2015 was one such occasion where the faculty from my department went through a rigorous schedule to guide us through the event. I still remember the confidence they were able to instil upon our team. Winning the award for best startup product idea in that event is one of the most memorable events from my college life. Also the recognition given by Anita B.org through Grace Hopper Scholarship during my final year wouldnt have been possible without the strong recommendation letter from the CS department. Being one among the 100 scholars selected from 2500 applicants across India to attend the GHCI event is the best thing a CS student could get. I would really recommend all the women students interested in computer science and technology to apply for this scholarship. It wouldnt be an exaggeration to say that my level of confidence and technical abilities were moulded in the campus thanks to the expert help from all he faculty. There is always room for a science enthusiast in the college and they have the resources to guide you through the long hard road to building fantastic professional career. Sethu Sathyan Early Stage Startup Programs India at AWS Invitee Annual Developer Conference Google IO 2018 .. Dept. of CSE 20122016 Abu Mathew Thoppan20122016 Batch is a Senior Innovation Specialist at IHIS, Singapore. Abu developed a Next Generation

Telehealth solution during the Covid19 pandemic for remote consultation. Major features of the solution are realtime speech translation, remote monitoring of vital signs BP, SPO2, Heart Rate, Blood sugar etc.,, remote auscultation, endoscopy and more. Link: [FACULTY ACHIEVEMENTS](#)

STUDENT ACTIVITIES ACHIEVEMENTS

KSCSTE TECHFEST 2021: Winners The Project by students from CSE of SJCET, Palai won the Silver Prize for the Best Project in the KSCSTE TECHFEST 2021 Project Name: TeachAR: Virtual AR Classroom for Teachers and Students Won Silver Prize with an award of Rs 20,000 in the TECHFEST2021 organized by KSCSTE, Kerala.

Principal Investigator : Prof. Bino Thomas Student Members : Hanna Reni George, Christy Varghese, Amal Anto, Jiya George Hearty Congratulations Techathlon 2020 ICT Academy of Kerala

Winners Augustine S Aykara, Alen Joy, Christin Mathew and Johan Issac third year computer science and engineering students won First Prize with a cash prize of Rs 50,000 in Techathlon 2020 conducted by ICT Academy, Kerala. Techathlon is a unique technical contest designed in line with employability skills assessments conducted by Global Organizations. Congratulations On your achievement.

SMART INDIA HACKATHON 2019 WINNERS Congratulations to the winners of Smart India Hackathon 2019, software edition held at Thirupathi. Daibin Raju, Alka Augustine, Jeebu Abraham Aniyankunju, Joel James, Irene Treesa Jose and Ashna Saji students of S6 CSE won the FIRST PRIZE , which is the worlds biggest Hackathon organized by AICTE, MHRD and MyGov.

Reboot Hackathon 2020 First Runnerup Hanna Elsa Reni George,Rithin Jose,Jobson P. Varghese,Christy Varghese,Christin Mathew and Aysha Nazarudeen of third year Computer Science and Engineering students won First Runnerup in Reboot Kerala Hackathon.. Reboot Kerala Hackathon 2020 aims to bring students to the mainstream governance by receiving their solutions for the issues faced by various Government departments and is an initiative of the Department of Higher Education Government of Kerala and the Additional Skill Acquisition Program ASAP. Congratulations On your achievement.

BEST COMPUTER SCIENCE ENGINEERING PROJECT

Congratulations to Reon Saji, Praveen KS and Sandeep Salmon S6 CSE who won Best Computer Science Engineering Project at Srishti 2019, National Level Technical Competition organized by SAINTGITS College of Engineering.

Reboot Hackathon 2020 First Runnerup Daibin Raju, Jeebu

James, Alka Augustin, Joel James, Irene Treesa Jose All from 4th Year CSE and Roshini P Sajan 4th Year ECE won First Runnerup in Reboot Kerala Hackathon.. Reboot Kerala Hackathon 2020 aims to bring students to the mainstream governance by receiving their solutions for the issues faced by various Government departments and is an initiative of the Department of Higher Education Government of Kerala and the Additional Skill Acquisition Program ASAP. Congratulations On your achievement. BEST SPORTS PERFORMANCE AWARD APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Congratulations Mr. Ron George, S6 CSE for winning the best sports performance award from Mr.V.S Sunil Kumar, Minister for Agriculture, Govt. of Kerala. He won the award for his performance at All India Interuniversity shooting competition in Rifle prone men 50 m category, where he won bronze medal representing APJ Abdul Kalam Technological University. It is the first time APJKTU won a medal at All India Interuniversity sports competition.

FACILITIES COMPUTER PROGRAMMING LAB SOFTWARE ENGINEERING LAB COMPUTER GRAPHICS LAB DEPARTMENT LIBRARY ADVANCED COMPUTING LAB PLACEMENTS 200 Placement Offers 2022 60 days Expert Training In House Placement Curricula 55 L Highest Salary Package Placement Statistics 20212022 Placement Statistics 20202021 Placement Statistics 20192020 Placement Statistics 20182019 Placement Statistics 20172018 Placement Statistics 20162017 Placement Statistics 20152016 Placement Statistics 20142015 Placement Details CSE 20212022 Details CSE 202021 Details CSE 201920 Details CSE 201819 Details CSE 201718 Details CSE 201617 Details CSE 201516 Details

Cinu P Elias SJCET Palai Cinu P Elias Software Development Center 20240320T09:19:2700:00 Prof. Cinu P Elias Assistant Professor Department of Mechanical Engineering Mobile Number: 9495496529 Email:cinupeli@yahoo.co.in Date of joining:29012017 Association with the institution: Regular Education Experience FDPSTTP Attended Education Sl.No Qualification University Institution Year of passing Specialization 1 B.Tech M.G. University SAINTGITS College of Engineering, Pathamuttom 2010 Mechanical 2 M.Tech AMRITA University Amrita School Of Engineering, Coimbatore 2012 Integrated Design and Manufacturing Experience Teaching

Experience : 5.5 years Name of the college Industry Designation Experience Years why am i not gaining muscle Months MBC College of Engineering, Peermade Assistant Professor 5 years 6 months FDPSTTP Attended Sl. No Name of TrainingWorkshop Year Date Duration Organizer 1 FDP on Guidance and Counselling 20183 Days SJCET Palai 2 Workshop on NBA accreditation 20182 Days SJCET Pala 3 Educational Utilization of Indian Standards 20181 Day SJCET Palai 4 Workshop conducted on Climate Change 2018 1 Day SJCET Palai 5 Workshop on Pursue, Publish, Prosper 2016 1 Day SJCET Palai 6 Entrepreneurship Development Training 20163 weeks Kerala Financial Corporation 7 Recent advances in Manufacturing Engineering 2019,5 days APJAKTU SJCET Pala 8 KTU FDP: Additive Manufacturing and 3D Printing 2021,3 days KTU, SJCET Palai 9 Nano materials Developments, applications and future outlook 09012023 13012023 APJAKTU SJCET

Dr. V. P. Devassia SJCET Palai Dr. V. P. Devassia Software Development Center 20220402T03:02:0000:00 Dr. V. P. Devassia Professor Department of Electronics Communication Engineering Mobile Number: 91 9447082280 Email: hodecsjcetpalai.ac.in Date of Joining:01042019 Education Experience Professional Affiliations Publications Research Interests Subjects Taught Education Doctor of Philosophy Field of Research: Signal Processing. InstitutionUniversity: Cochin University of Science And Technology in the year 2005. Dissertation Title: PSWT based Linear Predictive Coding Development of a Parallel Multiple Subsequence Structure for DWT Computation. Masters Degree Specialization: Industrial Electronics. Division: First Class with Distinction and First Rank. InstitutionUniversity: School of Technology, Cochin University of Science And Technology, in the year 1989. Thesis Title: Design of a Language Translator for CNC Machines. Bachelor Degree Specialization: Electrical Engineering. Division: First Class with Distinction and Ninth Rank. InstitutionUniversity: MA College of Engineering, Kothamangalam, Kerala University, in the year 1983. Other Qualifications Passed the Account Test for Executive Officers conducted by KPSC in the year 1997. Undergone a Certificate course in Fundamentals of Psychology conducted by POC. Undergone a Certificate course in Basics of Counselling conducted by POC. Attended various

Training Programs conducted by AICTE IIT IISc NIF MISTE etc. Experience Academic Administrative Work Experience 3 years teaching experience for M.Tech program conducted by CUSAT. 27 years experience as Asst. Professor current Associate Professor, Professor and Principal in Engineering Colleges under IHRD affiliated to CUSAT KTU. Set up the Industrial Electronics laboratory and Instrumentation and Control laboratory for the B.Tech Curriculum of CUSAT. Administrative experience in academic institution management including financial management and preparation of project proposals in Engineering Colleges Model Engineering College and College of Engineering Chengannur IHRD as: HOD Dept. Of Electronics Engineering From 1996 onwards Vice Principal From 1998 December onwards Principal ic From 2004 February onwards Principal From 2007 January onwards Additional Director IHRD Principal From 2011 November onwards To November 2018. Additional Charge as Officer in Charge of IHRD Regional Centre and Model Finishing School From 2012 October onwards To November 2018. Industry Work Experience 3 Months as Junior Engineer in Ms. Hindustan Paper Corporation, Calcutta. Undergone training in paper manufacturing. 7 years experience as Design Engineer with Ms. HMT Ltd. Designed and developed the complete controls and interface circuits for a Computerized Numerical Controlled machine STC25 Designed and developed the interface for a Flexible Turning Center FTC25 with automatic tool changing and job changing robots. Team member in the design and implementation of an automated factory set up for defence. Experienced in the PLC programming using ladder, statement list and flowchart programming languages. Experience with variable speed dc ac drives and CNC systems manufactured by Siemens, Fanuc, and GE. Professional Affiliations Fellow of The Institution of Electronics and Telecommunication Engineers, India FIETE Fellow of The Institution of Engineers India FIE Life Member of The Indian Society for Technical Education MISTE Chartered Engineer of the Institution of Engineers India Eng.. Served Expert Committee member of the National Board of Accreditation NBA, a statutory body under All India Council for Technical Education AICTE Served as Expert Committee member of AICTE approvals Member of Faculty of Engineering under CUSAT Served as UG Board of Studies member under CUSAT Publications International Journal : 8 International Conference :16 Chapter in Edited Book :1 National Journal :4 National Conference :3

Research Interests PseudoPeriodic Signal Processing Application of Wavelet Transform in signal analysis Music Signal Source Separation Subjects Taught Research Level Guiding research students under CUSAT PG Level Computer Aided Design and Manufacturing, Automatic Process Control, Industrial Applications of Power Electronics, Advanced Control System Engineering, Digital System Design UG Level Digital Electronics, Electronic Circuits, Network Theory, Microprocessors, Control System Engineering, Test and Measuring Instruments, Industrial and Power Electronics, Computer Aided Design, Automatic Process Control, Digital Signal Processing, Electronic Product Design EDA Tools, Design Project

Dept. of CSE Student Achievements SJCET Palai Dept. of CSE Student Achievements Software Development Center 20250325T10:35:1100:00 EVERYONE SHOULD LEARN HOW TO CODE, IT TEACHES YOU HOW TO THINK Striking the delicate balance between theory and practice, the Computer Science and Engineering Department of St. Josephs College of Engineering and Technology Palai provides a wellrounded education through innovative methods to meet the needs of our students. Computer Science and Engineering Department has a unique blend of faculty and facilities that offers students a rare opportunity to do research and learn Computer Science in new collaborative ways. VISION MISSION PEO PSO VISION To evolve as a school of computing with globally reputed centres of excellence and serve the changing needs of the industry and society. MISSION The department is committed in bringing out career oriented graduates who are industry ready through innovative practices of teaching and learning process To nurture professional approach, leadership qualities and moral values to the graduates by organizing various programs periodically To acquire selfsustainability and serve the society through research and consultancy PEO PEO1: The graduates will have a successful career in industries associated with Computer Science and Engineering or as entrepreneurs. PEO2: The graduates will have the ability and attitude to adapt to emerging technological changes. PEO3: The graduates will be able to pursue higher education and research. PSO After Successful Completion of the programme, the graduates will be able to PSO 1: Analyze, design and develop computing solutions by applying foundational

concepts of Computer Science and Engineering. PSO 2: Apply software engineering principles and practices for developing quality software for scientific and business applications. PSO 3: Adapt to emerging Information and Communication Technologies by providing innovative ideas and solutions to novel problems.

STUDENT ACTIVITIES ACHIEVEMENTS

Ashwin Anto K S, Johnpaul Dony, and Chriss Philip Babu secured Second Prize in the Algorithm Speed Challenge held as part of Nakshatra 25 at Saintgits College of Engineering. Alwin Baby, Jacob Felix, and Albin T Babu secured Second Prize in the ChemHunt competition, held as part of Nakshatra 25 at Saintgits College of Engineering. Deepna Maria Jimson, Gopika M, Nandana Venugopal, Rose George, Surya Saj of S6 CSE received the top Learning Circle Award 2023 for their Web Development Learning Circle, and its activities from Gtech Mulearn at the Permute24 event held at Technopark, Trivandrum. for the year 2023. Hearty Congratulations dear Reenphy George S8 CSE, Allen Saji S8 CSE, Rajat Sander S6 AD, and Milan Suman S4 CT for winning the second prize and a cash award 25k at the Satwa National Level Hackathon organized by Saintgits College of Engineering, Pathamuttom Joswin Emmanuel and Danny M Paul of S8 CSE got second prize in BREAK THE QUERY competition, held as part of Nakshatra 25 at Saintgits College of Engineering.

LUMINO 25: Web Canvas Hackathon Organized by Saintgits College of Engineering ACM Student Chapter Joe George, Rifan Muhammad and Kenaz Mathukutty S2 CSE First prize. Congratulations

LUMINO 25: Web Canvas Hackathon Organized by Saintgits College of Engineering ACM Student Chapter Abhijith P, Abhijith S , Anathakrishnan S2 CSE Third prize. Congratulations

Praveen Rajan and Jismi Saju of S6 CSE secured First Prize and a prize money of 3,500 in the Food Hackathon competition, held as part of Nakshatra 25 at Saintgits College of Engineering.

KSCSTE TECHFEST 2021: Winners The Project by students from CSE of SJCET, Palai won the Silver Prize for the Best Project in the KSCSTE TECHFEST 2021 Project Name: TeachAR: Virtual AR Classroom for Teachers and Students Won Silver Prize with an award of Rs 20,000 in the TECHFEST2021 organized by KSCSTE, Kerala. Principal Investigator : Prof. Bino Thomas Student Members : Hanna Reni George, Christy Varghese, Amal Anto, Jiya George

Hearty Congratulations

Techathlon 2020 ICT Academy of Kerala Winners Augustine S Aykara, Alen Joy, Christin Mathew and Johan Issac

third year computer science and engineering students won First Prize with a cash prize of Rs 50,000 in Techathlon 2020 conducted by ICT Academy, Kerala. Techathlon is a unique technical contest designed in line with employability skills assessments conducted by Global Organizations. Congratulations On your achievement. SMART INDIA HACKATHON 2019 WINNERS Congratulations to the winners of Smart India Hackathon 2019, software edition held at Thirupathi. Daibin Raju, Alka Augustine, Jeebu Abraham Aniyankunju, Joel James, Irene Treesa Jose and Ashna Saji students of S6 CSE won the FIRST PRIZE , which is the worlds biggest Hackathon organized by AICTE, MHRD and MyGov. Reboot Hackathon 2020 First Runnerup Hanna Elsa Reni George,Rithin Jose,Jobson P. Varghese,Christy Varghese,Christin Mathew and Aysha Nazarudeen of third year Computer Science and Engineering students won First Runnerup in Reboot Kerala Hackathon.. Reboot Kerala Hackathon 2020 aims to bring students to the mainstream governance by receiving their solutions for the issues faced by various Government departments and is an initiative of the Department of Higher Education Government of Kerala and the Additional Skill Acquisition Program ASAP. Congratulations On your achievement. BEST COMPUTER SCIENCE ENGINEERING PROJECT Congratulations to Reon Saji, Praveen KS and Sandeep Salmon S6 CSE who won Best Computer Science Engineering Project at Srishti 2019, National Level Technical Competition organized by SAINTGITS College of Engineering. Reboot Hackathon 2020 First Runnerup Daibin Raju, Jeebu James, Alka Augustin, Joel James, Irene Treesa Jose All from 4th Year CSE and Roshini P Sajan4th Year ECE won First Runnerup in Reboot Kerala Hackathon.. Reboot Kerala Hackathon 2020 aims to bring students to the mainstream governance by receiving their solutions for the issues faced by various Government departments and is an initiative of the Department of Higher Education Government of Kerala and the Additional Skill Acquisition Program ASAP. Congratulations On your achievement. BEST SPORTS PERFORMANCE AWARD APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Congratulations Mr. Ron George, S6 CSE for winning the best sports performance award from Mr.V.S Sunil Kumar, Minister for Agriculture, Govt. of Kerala. He won the award for his performance at All India Interuniversity shooting competition in Rifle prone men 50 m category, where he won bronze medal representing APJ Abdul Kalam

Technological University. It is the first time APJKTU won a medal at All India Interuniversity sports competition.

Dyni Thomas SJCET Palai Dyni Thomas Software Development Center 20220512T11:14:2600:00
Prof. Dyni Thomas Assistant Professor Department of Computer Science Engineering Mobile
Number: 91 8281355089 Email: dynisjcetpalai.ac.in Education Experience Journal and Conference
Publications FDP STTPs Seminars Education SI.NoQualificationInstitutionSpecialization 1 M.Tech
Viswajyothi College of Engineering and Technology, Vazhakulam Computer Science Engineering 2
B.Tech Viswajyothi College of Engineering and Technology, Vazhakulam Computer Science
Engineering Experience SI.NoInstitutionPosition heldPeriod 1 Mar Athanasius College of
Engineering, Kothamangalam Assistant Professor in Contract Basis 16012019 to 11052019and
28012020 to 28052020 2 SJCET, Palai Assistant professor 18042020 to till Date Journal and
Conference Publications International Journal Publications Dyni Thomas,Joe Mathew Jacob Survey
on Segmentation of Partially Overlapping Objects , International Research Journal of Engineering
and Technology IRJET eISSN: 2395 0056 Volume: 04 Issue: 02 | Feb 2017. FDP SI. NoDetails of
the FDPRemarks 1 Attended a three day FDP on professional communication at Mar Athanasius
College of Engineering, Kothamanagalam during Feb 19 to Feb 24, 2020. Organized by, ECE
Department, MACE STTPs Seminars SI. NoDetails of the STTPRemarks 1 Participated in the STTP
on Digital Image Processing during 27th june to 1st july 2016 at Viswajyothi College of Engineering
and Technology, Vazhakulam Organized by, CSE Department, VJCET 2 Participated in the nuclear
energy awareness seminar on 30th September and 1st October 2016 Organized by, Industry
Institute Interaction Cell

ECSA SJCET Palai ECSA Software Development Center 20231106T09:04:2600:00 Electronics and
Communication Students Association ECSA Coming together is a beginning. Staying together is a
progress, and working together is success. Henry Ford. The Department of Electronics and
communication engineering has always been a Trend Setter of this Institution. Education is simply

the soul of a society as it passes from one generation to another. Commemorating the quote of a famous American civil rights activist, A word as to the education of the heart, we dont believe that this can be imparted through books, it can only be imparted through the loving touch of the teacher, ECSA was proposed with the objective to organize various activities aimed at drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department. Prof. Anto Manuel Faculty IN charge ECSA UPDATES St. Josephs College of Engineering and Technology Palai signed an MoU with Infosys as part of its ESG Vision 2030 at Infosys Electronics City, Bangalore. UPDATES UPDATES UPDATES UPDATES UPDATES UPDATES Social Media

ECSA SJCET Palai ECSA Software Development Center 20231116T06:53:3000:00 Electronics and Communication Students Association ECSA Coming together is a beginning. Staying together is a progress, and working together is success. Henry Ford. The Department of Electronics and communication engineering has always been a Trend Setter of this Institution. Education is simply the soul of a society as it passes from one generation to another. Commemorating the quote of a famous American civil rights activist, A word as to the education of the heart, we dont believe that this can be imparted through books, it can only be imparted through the loving touch of the teacher, ECSA was proposed with the objective to organize various activities aimed at drawing the goodness and best out of our own students under the guidance of the well trained faculty members of the department. EXECOM CORE TEAM 202324 UPDATES St. Josephs College of Engineering and Technology Palai signed an MoU with Infosys as part of its ESG Vision 2030 at Infosys Electronics City, Bangalore. UPDATES UPDATES UPDATES UPDATES UPDATES UPDATES Social Media

Electronics and Communication Engineering Library SJCET Palai Electronics and Communication Engineering Library Software Development Center 20230714T10:33:4000:00 The Department of Electronics and Communication Engineering has set up a library to support the students as well as the staff in their academic and research purpose. The library was established in 2004. The library is

situated in the DB I IInd Floor. It provides highquality ambiance for both reflective and collaborative work and study. Our Department Library is a paradise for those who have a passion for reading books and enthusiasm for widening their knowledge base. Reading, Referring and Researching make a person more knowledgeable. The department library offers a wide range of learning resources. The library has a collection of around 1500 books and it subscribes a number of magazines like Electronics for you, Digit, Chip, Electronics Today, Linux for you etc. In addition to this library owns a copy of Previous University Question Papers, main project reports, seminar reports and mini project reports done by the students in U.G. and P.G. level. Standard textbooks by wellknown authors are stocked, and every effort is made to obtain all titles recommended by the faculty. Multiple copies of popular books are bought to make them available to as many students as possible.

Department Vision Develop into a center of excellence in Electronics and Communication Engineering contributing to socioeconomic progress.

Department Mission M1: To develop and maintain adequate infrastructure for a pacesetting Electronics and Communication engineering. M2: To bring up a team of committed, proficient and research oriented electronics and communication engineering faculty. M3: To nurture students into ethical, emotionally strong and technically competent graduates to meet the dynamic challenges of the society

The Library contributes to the fulfillment of the departments mission by Understanding the research, teaching, and learning needs of its users. Building collections and create tools to support research, teaching, and learning. Providing access to and promote the discovery and use of local and external information resources.

Your Content Goes Here Ensuring the preservation a longlasting availability of library collections and resources. Responding to the varying needs of the academic community by involving the faculty, the students and the administration in the development and periodic assessment of the library services and resources.

Working Hours The library functions from 9:00 a.m. to 5.00 p.m. on all days except College holidays. The Library has a collection of books under different categories including Electronic Devices and Circuits Basic Electronics Electronic Instrumentation Digital Electronics Digital System Design Logic Circuit Design Digital Signal Processing Control Systems Communication Engineering Power Electronics

Computer and Communication Networks Microprocessors Microcontrollers ARM Processors Embedded systems VLSI Microwave Engineering Digital Image Processing Neural Networks Linear Integrated circuits Television Engineering Bio Medical Instrumentation ASIC Fuzzy Systems Real Time Operating Systems Artificial Intelligence Signals and Systems Basic Mathematics Antenna and wave propagation Network Analysis and Design Basic Civil Engineering VHDL Technology Wireless Communication Engineering Chemistry and Physics Programming in C Electrical Technology Staff in Charge Ms. Anu Jyothi, Asst. Prof. anujyothysjcetpalai.ac.in

Electronics and Communication Engineering LAB SJCET Palai Electronics and Communication Engineering LAB Software Development Center 20230630T14:28:4800:00 ELECTRONIC DESIGN AND AUTOMATION EDA LABORATORY The Electronic Design and Automation Laboratory works under the Department of Electronics and Communication Engineering. This laboratory with 35 high end computers and a server class machine has in it a set of expensive design and simulation softwares like Matlab, Orcad, WinXP, Codecomposer Studio, ActivHDL and so on to cater to the departmental research and development activities. Softwares for a wide area of research via Signal Processing, VLSI and Embedded Systems have found wide applications in the EDA Lab. Student centric learning kits Like BLOOM with DSP from Cranes Softwares are also licensed to be used within the laboratory. The EDA Laboratory has also in its possession an array of hardware utilities like Texas Instruments TMS320C6713 based Digital Signal Processors, XILINX SPARTAN3 based Field Programmable Gate Arrays, XILINX COOL RUNNER II CPLD, IAR Systems ARM Processors and so on. A number of student projects and faculty projects have been designed, tested and prototype developed in the Electronic Design and Automation Laboratory. Sl. NoName of the LaboratoryNo. of Students per BatchName of Important equipmentWeekly Utilization StatusFaculty in chargeName of technical staff 1 EDA Lab 3 Server, PCS, UPS, DSP KITS, Matlab And Tool Boxes, ORCAD, EDWINXP, ACTIVE HDL, CCSTUDIO, Arduino KIT, CADENCE software tool, TMS5748 DSP Kits, Odd sem22 Hours,Even Sem 22 Hours Mr. Sanju Sebastian Mr. Anish K Varughese ANALOG COMMUNICATION AND DIGITAL COMMUNICATION LAB Communication

laboratory has the highest priority among the various labs in the curriculum of Electronics and communication engineering students for undergraduate courses. It handles various practical experiments in the field of microwave engineering and optical fiber communication. The Communication laboratory caters to the regular class work of Communication Engineering I laboratory of the 5th semester ECE students and Communication Engineering II lab of the 7th semester ECE students. and Communication Engineering II laboratory is for various digital modulation methods like ASK, FSK, PSK etc. Students also use the laboratory for the miniproject, mainproject implementations. The Communication laboratory has also in its possession an array of various different devices like Optical Fiber Trainer kit, Microwave Benches, TV Trainer kit, Satellite Communication Trainer kit, PLC Trainer kit, Various Types of Modulation kits etc.

Name of the Laboratory	No. of Students per Batch	Name of Important equipment	Weekly Utilization Status	Faculty in charge	Name of technical staff
COMMUNICATION LAB 3	3	DSOs, PCs, Fiber Optic Trainer, Microwave Testbench, Communication Trainers, PLC Trainer, Satellite Trainer	Odd sem 12 Hours Even Sem 12 Hours	Dr. Tomson Devis	Mr. Sunny Cyriac
VLSI EMBEDDED SYSTEMS LAB	1	Server, PCS, Arm Kits, PIC16F Kits, IF Card, 8051 KITS, KEIL, IAR, MPLAB, ICD2, Universal Programmer, Mentor Graphics, PynQ Board, Baysys 3 FPGA Board, VIVADO HLx edition	Odd sem 16 Hours Even Sem 16 Hours	Mr. Sreesh PR	Mr. Anish K Varughese

PRODUCT DESIGN LAB The department of

Electronics and Communication Engineering has a full fledged product development laboratory. The lab has all facilities which provide a clear cut idea of the processes behind the Electronic Product Design. The lab caters to the requirement of students for carrying out miniproject and major project in the department itself. The key features of the laboratory are A Printed Circuit Board Lab, Licensed Simulation and Design Tools, Facilities required to fabricate any B Tech level electronic products such as Workshop Tables, Bench wise Drilling Machines, Grinding machine Bending machine Sheet cutter, Transformer winding machine etc. The lab also stock all required items to make models of the products before actual fabrication.

Name of the Laboratory	No. of Students per Batch	Name of Important equipment	Weekly Utilization Status	Faculty in charge	Name of technical staff
PRODUCT DESIGN LAB 3	PC	Equipment For PCB Fabrication , Drilling Machine, Grinder, Winding Machine ,Printer etc.	Odd sem16Hours,Even sem16Hours	Mr. Anto Manuel	Ms. Jinimol Joseph
ANALOG CIRCUITS LAB					
The Analog Circuits Lab caters to the requirement of the students with respect to various lab sessions. The lab has all the required equipments and consumables to carry out the experiments as per the syllabus as well as a few experiments beyond the syllabus. Different charts related to the experiments done in the lab, photographs of the inventers related to electronics devices and Linear Integrated Circuits and instructions for carrying out experiments in the lab are displayed.					
Name of the Laboratory	No. of Students per Batch	Name of Important equipment	Weekly Utilization Status	Faculty in charge	Name of technical staff
ANALOG CIRCUITS LAB 3	CROS,DSOS, Power Supplies, Function Generators		Odd sem24 Hours,Even Sem 12 Hours	Ms. Nitha M Biju	Mr. Sunny Cyriac
DIGITAL ELECTRONICS LABORATORY An engineer who wants to understand existing digital circuits or to design new ones needs to know the basic operations of digital electronics. Digital Electronics Laboratory is fully equipped with the required instruments such as C.R.O., Millimeters, signal Generator etc. to conduct experiments with digital ICs for UG students. Digital electronics is also the base of computer technology. Today complete computers on a single chip, called microcontrollers, bring intelligence to many products of our daily use.					
Name of the Laboratory	No. of Students per Batch	Name of Important equipment	Weekly Utilization Status	Faculty in charge	Name of technical staff
DIGITAL ELECTRONICS LAB 3	Digital IC Trainer,8085 8086				

Trainers, CROS, DSOS, Power Supplies, Function Generators Even sem 24 hours Ms. Sunitha S Pillai Ms. Rosmin George MAINTENANCE WING As an innovative practice of the department, a maintenance wing is set up. The wing looks after the maintenance of all the equipments in the department. All the activities of the wing are well documented. Most of the repairing of the equipment is done by the wing itself, except a few repairing where, the work has to be done by the manufacturing company itself. Name of the Laboratory Name of Important Equipment Weekly Utilization Status Technical Man power Support Name of technical staff Designation Qualification MAINTAINENCE WING Soldering station, Multi meter Full time maintenance of Electronic equipment Tomy Joseph Tradesman ITI In Electronic Mechanic RESEARCH AND DEVELOPMENT LAB Research plays an important role in the educational experience and provides practical skills for future employment of engineering students. The lab is set up with the objective to motivate and encourage students to take up research projects based on innovative ideas. This provides a platform for ECE students to participate in ground breaking research with faculty. Name of the Laboratory Faculty in charge Name of technical staff RESEARCH AND DEVELOPMENT LAB Ms. Rincy Merrin Varkey Mr. Anish K Varghese

Elizabeth Alphonsa Jose SJCET Palai Elizabeth Alphonsa Jose Software Development Center 20240418T05:29:0500:00 Prof. Elizabeth Alphonsa Jose Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9495347702 Email: elizabethsjcetpalai.ac.in Date of Joining: 20092007 Appointment: Permanent Education Experience Memberships Publications Training Programmes Attended MOOC Courses Education Sl.No Qualification University Year of passing Specialization 1 B.Tech M.G University Kottayam 2005 Electrical and Electronics Engineering 2 M.Tech M.G University Kottayam 2014 Industrial Drives and Control Experience College of Engineering, Kidangoor. Guest Lecturer 1 Year 5 Months St. Josephs College of Engineering and Technology, Palai: Asst. Professor: 20092007 onwards Memberships Sl. No Name of Institution Type of Membership Membership ID 1. ISTE LIFE TIME LM 64530 Publications Journals Published a paper named, MATLAB Simulink Model of Cuk Power

Factor Corrected BLDC Motor Drive, International Journal of Advanced Research In Electrical, Electronics And Instrumentation Engineering, ISSN: 22788875 Volume 2, Issue 6, June 2013

Published a paper named, A Cuk Converter Based Four Quadrant Operation of BLDC Motor, International Journal of Engineering and Innovative Technology, ISSN: 22773754 Volume 5, Issue 1, July 2015

Conferences Presented a paper named Cuk ConverterBased Power Factor Correction for PM BLDC Motor Drive with Hysteresis Controller, National Conference on TAP EnergyTechnological Advancements in Power and Energy, 2013. Amrita Vishwa Vidyapeetham, Amritapuri. Kollam.

Training Programmes Attended Five day FDP on Research Perspectives in Energy, Environment Conservation conducted by SCMS School of Engineering Technology, from 29052023 to 02062023

Five day FDP on Applications of Machine Learning Techniques in Sustainable Technologies AMLST2024 organized by Computer Science and Engineering, and Electrical Engineering, NIT Rourkela, from 24012024 to 28012024

One Week National level Online Faculty Development Program on Outcome Based Education and Essential AI Tools for Teachers organised by the Internal Quality Assurance Cell IQAC of St. Thomas College, Palai in association with The Kerala State Higher Education Council KSHEC from 10012024 to 16012024

Five day FDP on Unleashing the Sustainable Developments and Future Treands in Electrical Engineering organized by Mangalam College of Engineering from 29012024 to 02022024

A short term course on Teaching Excellence and Methodologies from 19052008 to 24 052008 at GEC, Thrissur organized by ISTE Kerala section.

A short term course on Advanced Mathematics for Engineers conducted at Viswajyothi College of Engineering Technology, Vazhakulam from 30122008 to 03012009 sponsored by ISTE Kerala section.

A two day workshop on Advances in Power Electronic Systems organized by Electrical Electronics Engineering Department, SJCET Palai from 5012009 6012009.

One week STTP programme on Soft Computing Methodologies Applications held from 21042010 to 28042010 organized by ISTE Chapter, College of Engineering Poonjar and approved by ISTE New Delhi.

Oneweek STTP programme on Electronics Education A System Approach held during 02052011to 06052011 organised by the Electronics and Communication Engineering Department, SJCET, Palai

NITTTR sponsored, AICTE recognized STTP on Solid State Control of Electric Drives

through ICT from 21072014 to 25072014 conducted by the Department of Electrical and Electronics Engineering SJ CET, Palai Five day STTP on Potential Research Areas in Drives Power System from 08072014 to 12072014 at sponsored by TEQIP Phase II and organized by Department of Electrical Electronics Engineering, RIT Pampady. Two week ISTE workshop on Control Systems conducted by IIT, Kharagpur from 2122014 to 12122014. Twoweek ISTE workshop on Technical Communication from 08102015 to 05122015 organised by SJ CET, Palai conducted by IIT Bombay One week STTP on Introduction to Lab View Real time FPGA Programming from 25012016 to 30012016, sponsored by TEQIP Phase II and organized by Department of Electrical Electronics Engineering, RIT Pampady. ISTE STTP on Electric Power System conducted by IIT Kharagpur from 12062017 to 15072017 at SJ CET, Palai. One week ISTE STTP on Guidance and Counselling organized by ISTE staff chapter, SJ CET Palai from 4122017 to 8122017 at SJ CET, Palai FDP on Concept Coaching conducted by ICT Academy of Kerala from 11032019 to 13032019 at SJ CET, Palai. AICTE sponsored online STTP on Guidance and Counselling from 12102020 to 17102020 organized by SJ CET, Palai. One week AICTE sponsored online STTP on Outcome based Education for Technical Institutions Phase II: Outcome Based Education Autonomy, conducted by Rajagiri School of Engineering Technology, Kochi from 16112020 to 21112020. One week online FDP on Renewable Energy and Power Electronics for Industrial Drives and Application Phase 1 from 15042021 to 21042021 organized by Department of Electrical Electronics Engineering, RIT Pampady, sponsored by AICTE. Five day on line FDP on Power Converters An Embedded Systems Based Approach conducted by FISAT, Angamaly from 22072021 to 28072021 Five day on line FDP on Power Electronic Control in Renewable Energy Applications conducted by Vimal Jyothi Engineering College from 2542022 to 2942022 Five day on line FDP on Emerging trends in power electronics and control for electric vehicle and smart grid conducted by Government Engineering College Palakkad, from 19092022 to 23092022 Five day on line FDP on Recent Trends in Grid Integration conducted by Mangalam College of Engineering, Ettumanoor, from 30012023 to 03022023 Five day FDP on Advances in Communication Engineering conducted by Viswajyothi College of Engineering Technology, Vazhakulam from 06032023 to 10032023. Five day FDP on

Research Perspectives in Energy, Environment Conservation conducted by SCMS School of Engineering Technology, from 29052023 to 02062023 MOOC Courses Completed 8 week NPTEL on line course on Advances in UHV Transmission and Distribution from January to March 2019. Completed NPTEL online course on Principles of Electrical Science on Feburary 2023. Completed 12 week NPTEL course on Digital Circuits from July to October 2023 coordinated by IIT Kharagpur.

Elma Joseph SJ CET Palai Elma Joseph Software Development Center 20230719T06:11:0700:00

Prof. Elma Joseph Assistant Professor MBA Mobile Number: 91 9895556872 Email: elmasjcetpalai.ac.in Date of Joining:01.03.2009 Association with Institution:Regular Education

Experience FDP Conferences Seminarworkshops Publications Education

Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 M.Tech CUSAT Department of Statistics 2005 Engineering Statistics 2 M.Sc Kerala University University

College,Thiruvananthapuram 2003 Statistics Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 HLL Thiruvanthapuram Project Trainee 9

months 2 Kristu Jyoti College Changanacherry Lecturer 3 years and 7 months 3 SJBS Assistant Professor 20090302 till date FDP S.NoDescriptionCategoryYear and DateOrganizer 1 Advanced

Research and Quality Publication FDP 29082022 to 02092022 FISAT Ernakulam 2 Toyota production system MOOC 22082022 to 14102022 NPTEL 3 Trends and Challenges in Digital

Business Innovation FDP 26072021 to 31072021 Jawaharlal Nehru College of Engineering and Technology 4 Decision Modelling MOOC 26072021 to17092021 NPTEL 5 Guidance and

Counselling STTP 08022021 to 13022021 SJ CET Palai 6 Outcome Based Education with Assessment and Evaluation STTP 09112020 to 16112020 Sahrdaya College of Engineering and

Technology Kodakarae 7 Learning analytics tools MOOC 14092020 to 04122020 NPTEL 8 Statistics for Researchers: Understanding Mediation, Moderation and Beyond MOOC 14052020 to

28052020 Coursera 9 Business Analytics for Decision Making MOOC 27042020 to 18052020 Coursera 10 Bayesian Statistics: From Concept to Data Analysis MOOC 13042020 to 11052020

Coursera 11 Introduction to Biostatistics MOOC 29072019 to 20092019 NPTEL 12 Recalibrating the

Management Ecosystem of Kerala FDP 09062017 to 10062017 XIME Kochi 13 Multivariate Panel Data analysis FDP 16052013 to 17052013 K G College Pamapdy 14 Research methodology and SPSS FDP 14052009 to 16052009 Albertian Institute of Management, Ernakulam Conferences Seminarworkshops S.NoDescriptionCategoryYear and DateOrganizer 1 Lifeskills Management Workshop 07062021 to 11062021 REST Society for Research International 2 Rural Entrepreneurship development TRAINING 29092020 Mahatma Gandhi National Council of Rural Education, Hyderabad 3 Handson Workshop on Data Analytics Workshop 05092020 to 10092020 IPSR 4 Introduction to SAS Business Analytics Workshop 31072018 epoch Research Institute Bangalore 5 ISO 9001:2015 Awareness TRAINING 28062018 ZANDIG TQM SOLUTIONS PVT LTD. Bangalore 5 Nature Camp Training 23062016 to 25062016 Kerala Forest and Wildlife department 7 FEEL TEACHER Workshop 12122014 to 14122014 SJCET PALAI 8 Teaching Excellence and Methodologies Workshop 25052009 to 30052009 ISTE Govt. Engineering College, Thrissur Publications S.NoDescriptionTitle of The PaperCategoryISBNAcademic Year 1 Ahalia International journal of advanced science and technology The Impact of Working from Home During COVID19 on Work and Life Domains: A Descriptive Study on Central Kerala Journal Papers NIL 202021 2 Managerial Challenges in Business Statistical Thinking for Decision Making Journal Papers ISBN: 9788192030326 201011

Elvin Kuruvilla SJCET Palai Elvin Kuruvilla Software Development Center 20240806T11:12:4600:00 Prof. Elvin Kuruvilla Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 9544007902, 8921126600 Email: elvinkuruvillasjcetpalai.ac.in Education Experience Publications FDPSTTPConferencesSeminars AwardsAchievements Education Sl. No.DegreeSpecializationInstitutionUniversityYear of Passing 1 ME Computer Communication PSNA College of Engineering and Technology Anna University 2013 2 BE Computer Science and Engineering University College Annamalai University 2011 Experience Name of the collegeIndustryDesignationDate of JoiningDate of Relieving VISAT Engineering College Assistant Professor July 1, 2014 June 29, 2024 Publications Published a research paper titled An Energy

Efficient Multilevel Uneven Gridbased Clustering Routing Protocol in Wireless Sensor Networks In the International Journal of Engineering Research Technology IJERT, volume 6, Issue 10, Year 2017. Published a research paper titled An energy Efficient Multimaster Zone Based Hybrid Routing Protocol in Wireless Sensor Network in IJIRCCE, Volume 5, Issue 2, Feb 2017. Guided and published a research paper titled Monitoring and Controlling Diabetes with Arduino Uno and Automatic Insulin Injection System, EasyChair, Year 2023. FDPSTTPConferencesSeminars Completed Cisco Certified Network Associate certification. CISCO ID CSC0 12548381 Completed Hardware and Network basics in IIHT Completing 12week NPTEL course on NBA Accreditation and Teaching and Learning in Engineering NATE with Elite grade during January April 2023. Completing 12week NPTEL course on Operating System Fundamentals with Elite grade during July October 2023. Completed 5day Online FDP on the theme Inculcating Universal Human Values in Technical Education organized by All India Council for Technical Education AICTE from 30th January to 3rd February 2023. Participated in the 7 Day National Level Online Faculty Development Program on ChatGPT AI Tools for Educators, inline with OBE organised by St Josephs College Autonomous, Irinjalakuda in association with The Kerala State Higher Education Council from 19 July to 26 July 2023. Completed 7 Days Microsoft SAKSHAM IT Champion Training Program. Participated in the 8 Day National level Online Faculty Development Program on Research Methodology using ChatGPT and AI tools organised by the PG Department of Computer Applications, The Internal Quality Assurance Cell IQAC and Lincoln University College Marian Research Centre LUC MRC of Marian College Kuttikanam Autonomous in association with The Kerala State Higher Education Council KSHEC from 21 September 2023 to 29 September 2023. Presented the paper titled Power Saving In Mobile Instant Messaging Using SIMPLE Protocol Architecture at the 4th International Conference on Advances in Computer Communication Management held at Sun College of Engineering Technology, Nagercoil, on 18th and 19th February 2013. Presented the paper titled Power Saving In Mobile Instant Messaging Using SIMPLE Protocol Architecture at the International Conference on Emerging Trends in Electrical Engineering held at Mariya College of Engineering Technology, Nagercoil, on 21st and 22nd March 2013. Presented the paper titled Power Saving in

Mobile Instant Messaging Using SIMPLE Protocol Architecture at the National Conference on Advances in Computer Science and Applications held at R.M.D Engineering College, Chennai, on 9th March 2013. Attended International Conference, IEEE 5NANO 2023 sponsored by AICTE DSTSERB hosted by IEEE Photonics Society student chapter of VISAT Engineering College. Attended International Conference, IEEE 5NANO 2024 sponsored by DSTSERB hosted by IEEE Photonics Society student chapter of VISAT Engineering College. Awards/Achievements Received Appreciation for Excellence in recognition of outstanding design contributions that enhanced branding and visual identity of the International Conference, IEEE 5NANO 2023 sponsored by AICTE DSTSERB hosted by IEEE Photonics Society Student chapter of VISAT Engineering College. Received Appreciation for Excellence in recognition of outstanding design contributions that significantly enhanced the branding and visual identity of the International Conference, IEEE 5NANO 2024, sponsored by DSTSERB and hosted by the IEEE Photonics Society Student Chapter of VISAT Engineering College. Received Certificate of Appreciation in recognition of significant contributions towards handling the social media pages and digital marketing efforts of VISAT Engineering College during the tenure from 01/07/2014 to 29/06/2024.

Embed Link SJCET Palai Embed Link 20180511T05:40:4500:00

Embed Link SJCET Palai Embed Link 20180512T01:05:1100:00

Embed Link SJCET Palai Embed Link 20180514T14:16:5600:00

Embed Link SJCET Palai Embed Link 20180514T15:27:2500:00

Embed Link SJCET Palai Embed Link 20180515T10:00:4900:00

Embed Link SJCET Palai Embed Link 20191026T18:37:4500:00

Embed Link SJCET Palai Embed Link 20180516T11:28:5800:00

Embed Link SJCET Palai Embed Link 20180516T04:27:0100:00

Embed Link SJCET Palai Embed Link 20191107T11:48:2900:00

Elizabeth M J SJCET Palai Elizabeth M J Software Development Center 20210308T11:09:5100:00

Prof. Elizabeth M J Assistant Professor Department of Computer Science Engineering Email:

elizabethmjsjcetpalai.ac.in Mobile: 91 9497699016 Date of Joining:10.08.2020 Education

Experience Publications STTPWORKSHOPSCONFERENCES Education

DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE Vimal Jyothi Eng. College,

Chemperi , Kannur University 2012 M.Tech. CSE Viswajyothi College of Engineering and

Technology, Vazhakulam KTU 2019 Experience Name of the CollegeIndustryDesignationDate of

JoiningDate of Relieving Jaimatha Senior Sec School, Uliayathaduka, Kasaragod Asst. Teacher

01.06.2012 31.06.2016 St. Thomas College, Halekote, Belthangady Staff 01.06.2016 31.10.2016

Publications Anagha John, Elizabeth M J, An Image Retrieval Method using Neural Network,

International Research Journal of Engineering and Technology IRJET, 5, no. 9, pp. 10631069, 2018

M. J. Elizabeth and Jobin Jose, An Analysis on Hadoop MapReduce Performance: a Survey,

Journal of Advanced Research in Dynamical and Control Systems Scopus Indexed, vol. 10, no.15,

pp. 202210, 2018. Elizabeth M J, A Survey On Fog Computing Technology, International Journal of

Research and Analytical Reviews UGC approved, EISSN 23481269, P ISSN 23495138, vol.6, no.1,

page no pp.798802, 2019. Elizabeth M J, A Fog Based Security Model for Electronic Medical

Records in the Cloud Database, International Journal of Innovative Technology and Exploring

Engineering Scopus Indexed, ISSN: 22783075, vol.8, no.7, 2019.

STTPWORKSHOPSCONFERENCES Undergone 10 days INPLANT TRAINING PROGRAM at NeST

Cyber Campus, Trivandrum. Undergone two days TRYEN SECURITY TRAINING at Vimal Jyothi

Eng.College, Kannur. Undergone two weeks ANDROID PROJECT TRAINING at IPSR Solutions Ltd, Kozhikode. Matlab Onramp selfpaced online training course completed on 11 July 2018. Undergone CLOUD COMPUTING TRAINING at Allievo Learning Center, Ernakulam , 1st Sept 2018 8th April 2019 Undergone IoT Cloud Entrepreneurship DST NIMAT at IIIT Kotayam FOGONMICS: Economics of Fog Computing Market in XXII Annual International Conference of the Society of Operations Management at IIM Kozhikode on 1819 December 2018. An Analysis on Hadoop MapReduce Performance: A Survey in International Conference on Recent Advancements in Engineering and Technology at LBS College of Engineering, Kasaragod on 2022 December 2018 AWS Online Conference 31 Oct 2018. AI: Oppurchunities and Challeges Webinar, IEEE CS Chapter, 23rd Sept 2020 Python for Machine Learning FDP, GEC Palakad, 14th 15th Sept 2020 Value of IEEE Publications in Research and Career Development Webinar, SJCET Palai, Outcome Based Education and Quality Assurance in Teaching, 17th to 22nd August 2020.

Embed Link SJCET Palai Embed Link 20191206T18:58:0100:00

Embed Link SJCET Palai Embed Link 20191206T21:06:4800:00

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Embed Link SJCET Palai Embed Link 20191215T17:06:4600:00

Embed Link SJCET Palai Embed Link 20200121T06:57:1700:00

Embed Link SJCET Palai Embed Link 20200409T05:32:3400:00

Embed Link SJCET Palai Embed Link 20200411T02:07:2300:00

Embed Link SJCET Palai Embed Link 20200607T03:54:3000:00

Embed Link SJCET Palai Embed Link 20200211T17:00:4200:00

Embed Link SJCET Palai Embed Link 20210406T03:12:3100:00

Embed Link SJCET Palai Embed Link 20210826T07:03:3500:00

Harikumar P.S SJCET Palai Harikumar P.S Software Development Center
20190111T08:28:5600:00 Prof.Harikumar P.S Workshop Superintendent Department of Mechanical
Engineering Mobile Number: 9495480363Email:harikumarsjcetpalai.ac.in Date of joining: 14082006
Education Experience FDPSTTP Attended Publications Conferences Seminar Education Sl.No
Qualification University Year of passing Specialization 1 B.Tech M.G 1989 Mechanical Experience
Industrial Experience : 16 Years Teaching Experience :12 years Sl. No Name of the collegeIndustry
Designation Experience Years Months 1 Harig India Ltd. Asst Manager, Production 3 Years 2. HMT
.Ltd,Tractor Division Planning, Tool Engineering, Manufacturing, Marketing and Servicing 13 Years
3. SJCET,Palai Asst.Professor 11Years 11Months FDPSTTP Attended Sl.No Name of
TrainingWorkshop Year Duration Organizer 1 Teaching Excellence and Methodologies 2006231106
to 281106 Indian Society For Technical Education 2 Workshop on ACCREDITATION 20072830
June National Institute of Teachers Training Research 3 Manufacturing Systems and Technologies
16 to 21 June 2008 Viswajyothi College of Engineering and Technology 4 Optimum Energy
Utilization 2009, 2 weeks NIT Calicut 5 Two day W.S on Technical Analysis Tools 2010,2days
SJCET 6 Training on CNC 2010,4 days SJCET 7 W.S On Advanced Welding Technology 2011,2
days SJCET 8 W.S On Manufacturing Management 2011,5 days ISTE 9 International conference on
Mechanical Engineering Technology 2012,2days MEA,SJCET 10 WS On Engineering

Thermodynamics 2012,10days IIT,Bombay,ISTE 11 Advanced automotive Engineering 2013,2days MEA,SJCET 12 Petroleum Conservation 2013,2 days PCRA 13 Feel Teacher 2013,1 day SJCET 14 Modern Trends in energy Management and green technology 2014,5days TEQUIPCUSAT 15 Fluid Mechanics 2014,10days MHRD,SJCET 16 Training on NBA Accreditation 2018,2 days SJCET Pala 17 Training Course on ISO 9001:2015 Awareness 2018,1 day SJCET Pala 18 Personal Protective Equipment Training 2018,1 day SJCET Pala 19 Interactive session with expert on renewable energy and fuel cells 2018,1 day SJCET Pala Publications National Conference

Sl.No	Title of Paper	Name of journal	Publisher	Year	Volume	ISSN	ISBN No.
1	Our Scientific Heritage	Wootz steel	SJCET	2012	vol.52		
2	Our Scientific Heritage	Kerala School of Mathematics	SJCET	2012	vol.61		
3	Modern Trends in Pre Job Training		SJCET	2014	vol.71		
4	Simulation of Structural noise reduction		SJCET	2015	vol.81		
5	Role of Material Science in the system of ayurveda		SJCET	2015	vol.81		

Conferences Seminar

Sl. No	Title	Topic	Year	Duration	Sponsors
1	ISTE sponsored five day STTP on Guidance and Counselling		4th to 8th December 2017		ISTE Kerala Section
2	One day workshop on Fontiers in Internal Combustion Engine research		June 2016		SJCET
3	Worshop on PURSUE, PUBLISH and PROSPER		March 2016		SJCET
4	Seminar on Space and Space related activities		9th October 2015		SJCET
5	One day seminar on Teaching, Research and Information Technology		25th March 2015		SJCET
6	Organising Secretary of the 7th Annual Student Convention of ISTE Kerala Section		September 2008		ISTE Kerala Section and SJCET
7	One day workshop on Finite Element Methods		14th June 2007		SJCET

Events SJCET Palai Events Software Development Center 20171127T15:26:3600:00 march, 2025

No Events

Home SJCET Palai Home 20171114T05:45:2400:00 Welcome to your site This is your homepage, which is what most visitors will see when they come to your site for the first time.

home SJCET Palai home Software Development Center 20171115T08:15:4900:00 Avada Has Over

126,000 Users And Counting Making It The Most Trusted Complete WordPress Theme On The Market. Free Updates Support: You Need It, We Gladly Provide It. Our 1 priority is you, the user. We believe in our product and hold ourselves to the highest standards. We truly care about your site as much as you do, which is why we offer the best support around at our dedicated support center. In addition, Avada constantly offers free updates with new features requested by our users. You can count on us.

0 Wonderful Users Counting 0 Support Threads Resolved Endless Possibilities: The Only Theme You Need Avadas powerful theme and meta options along with its unique structure lets you create any design style with just one theme. These simple yet powerful options allow you to create any type of website. No two versions of Avada will ever look the same.

Incredible Features: The Proof Is In The Pudding Avada is loaded with useful features, each one with its own meaningful purpose. We listen to our users and integrate their feature requests on a regular basis. Avada is not only built by us, but also by our users.

UltraResponsive Design Avada is 100 responsive, every element including the premium sliders are responsive. And the responsive mode can easily be turned on or off in theme options

Advanced Theme Options We include an extremely advanced admin panel allowing users to quickly easily customize the theme. These options are intuitive, powerful and best of all, fun to use

Powerful Page Options Avadas meta options make it easy to customize your content for each page, blog, portfolio or FAQ post. Apply sliders, backgrounds, colors, icons, sidebars to name a few.

Headers Megamenu Avada includes 5 header designs to choose from, a sticky header option an amazing widgetized megamenu Unlike other themes, we give you control over the header .

FusionCore Shortcodes Our Shortcode Generator is a pleasure to use with an amazingly beautiful user interface Quickly easily build custom pages using all the shortcodes Avada includes.

Premium Sliders Avada has you covered and includes sliders for regular images videos, animated slides, or post sliders. Layer Slider, Revolution Slider, Fusion Slider and Elastic Slider

Translation RTL Not only is Avada translation ready, we also Include several languages already translated Need RTL No problem And Avada is 100 WPML qTranslate compatible

Advanced Blog Options 6 Layouts to choose from unlimited blog pages, custom categories per page, premium sliders, awesome rollover effects, custom featured image size per

post and more Advanced Portfolio Options Multiple layout styles, unlimited portfolio pages, custom categories per page, awesome rollover effects, full or halfwidth detail page, custom featured image size and more Those Are Just A Few Main Features, There Are Plenty More Easy Installation Setup Fully Customizable Options One Click Demo Content Importer Auto Theme Updater Retina Ready For Enabled Devices Custom Backgrounds Per PagePost Awesome Widgetized MegaMenu Unlimited Colors Skins Powerful Customization Options One Page Parallax For Any Page WooCommerce Design Integration bbPress Forum Design Integration Font Icons Instead of Images EyeCatching CSS3 Animations Boxed or Wide Per PagePost Extensive Doc HD Videos Top Notch Support Service Constant Updates New Features Incredible Shortcode Options Custom Menu Per PagePost Font Awesome Icon Integration Advanced Typography Options Strong SEO Base Built In Unlimited Sidebar Creation Multiple Custom Widgets Four Premium Sliders Fully Optimized For Speed What Else Full Design Integration For WooCommerce Need an online shop No problem, Avada includes integration for the most popular shop plugin, WooCommerce. Our custom design and unique shop shortcodes will allow your products to shine. Ridiculously Easy Setup: True One Click Demo Import Many themes claim to have a quick setup, but leave you dealing with several XML files to manually import. Who wants to do that We sure dont. Avada truly offers a quick, easy setup. Install the theme, click the demo content button and you receive a demo setup of pages, post, sliders, sidebars, widgets, theme options and more. It doesnt get any easier, our demo content importer is a beautiful thing. Shortcodes: We Make Them, You Use Them. Shortcodes are the backbone of page design for any theme, and Avada offers a huge set. We include all the standard shortcodes and also a wide variety of unique shortcodes, each with their own amazing options to customize to your hearts content. Avada shortcodes allow you to build a variety of pages, and with our shortcode generator its not only useful, its fun. Layout Options: Decision, Decisions, Decisions Avada does not limit you to one setup, we prefer to give you options. From boxed layout to wide, left sidebars to right and multiple headers we let you decide. Thats right, you can have your cake and eat some too. Left Sidebar Content Content Right Sidebar No Sidebar Full Content Boxed Layout Full Width Layout 100 Width For Page Content Logo Menu Menu Logo Menu Menu Logo Menu

Custom Pages: Have No Limits. Avada gives you limitless potential to build amazing pages. Easily create unique page layouts using the tools we provide. In addition, we have you covered with dozens of beautiful predesigned pages you can quickly choose from.

User Reviews: We Love our Users, And They Love Us. We are fully dedicated to user base. When you buy Avada, there is no need to worry about customer support. With over 50,000 users and counting, you cannot go wrong with Avada. Check out what our users are saying about Avada

This is the Best Theme I have ever seen. WOW I dont really know what else to say. This is the Best Theme I have ever seen. I am a full time web dev, and this theme blows me away. I wanted to thank you for all your hard work. I am really looking forward to building my new site I think you thought of everything and then some. Thank you so much for this theme, WOW AMAZING MarketingMonsters I bought this theme and i would like to recommend it to every one interested in building a website without knowledge of php or html. It is very convenient and the customer service is very reactive. I will say it in French Bravo for this work Aajami, Avada Theme Amazing theme and top class support, as Im a beginner, Luke helped me above and beyond and was more than patient, his responses were quick and he has a genuine care for you to enjoy and move forward with your theme.. highly recommended theme and author Lucasgriffin, Avada Theme Let me say something. You have an amazing theme and amazingawesome support. They helped me on weekend. This is what I call an extra mile in customer relationship. So I gave 5 stars for the theme and if I could, Id give 10 stars for support. Gojcus, Avada Theme Thank you for your very professional and prompt response. I went to look for answers to my own questions and quickly realized that the information I was requesting was very easy to find. As were the videos and the instructions. In fact everything has been perfect so far. This is by far the most well supported theme I have ever had the pleasure to work with. Lots of wonderful options. I wished I had found you before I spent money on a competitors theme. Thanks again for the great support and for a great product. William Genske, Avada Theme If I could give 100 stars for support and attention to detail I definitely would. Ive purchased a good number of WordPress themes from various developers that look good on Themeforest but after you buy them you find numerous problems, bugs, crazy admin and very very poor support. I purchased the Avada theme

and there were a couple of problems too, but the guys from ThemeFusion were remarkable I really mean this. The speed of support and attention to detail is quite phenomenal. You will be extremely pleased. Stuaryboy, Avada Theme Join The 126,000 Satisfied Avada Users

Exam Cell SJCT Palai Exam Cell Software Development Center 20220318T01:37:2700:00
Important Notification University Examination 2022: COVID19 positive students should fill the google form attached along with the instructions one day in advance Before 5 pm on the previous day of the exam. For any clarifications, these students can contact the war room coordinator Dr. Rajesh Baby 9447921482. For filling google form COVID19 ve students :Click Here Google form for only COVID 19 Positive Students Click Here Exam War Room Memebbers Name Designation Role Mobile Number Dr. J David Principal Chairman 9447820405 Dr. Rajesh Baby Dean Research Coordinator 9447921482 Dr. Binoy Baby HoD, ME Member 9447875050 Prof. Ance Mathew HoD, CE Member 9446459146 Dr. Joby P.P HoD, CSE Member 9994232860 Dr. V. P Devassia HoD, ECE Member 9447082280 Ms. Ginu Ann George HoD, EEE Member 9562035929 Dr. George Tom Varghese HoD, EI Member 9497322385 Dr. Ignatius Korah HoD, SH Member 9447044199 Dr. Jainendrakumar TD HoD, MCA Member 9447044199 Dr. Ajith K Thomas HoD, MBA Member 9446354373 Mr. Jenson Jose Controller of Examinations Member 9447851771 Mr. Baiju Jacob NSS Programme Coordinator Member 9447301609 Mr. Justin Jose Asst. Professor, ME and NSS Programme Coordinator Member 9447301609 Mr. Arun Jose Instructor, EEE Member 9447869697 Mr. George Thomas Instructor, CE Member 9495393581 Ms. Resmi K Mathew Instructor, CSE Member 7558994212 Ms. Jinimol Joseph Instructor, ECE Member 9447599281 Mr. Justin Tom Instructor, EI Member 9847845120 Mr. Johnson Joseph Instructor, ME Member 9446714176 Mr. Rony Jacob System Administrator Member 9446604135 Ms. Pilsa Philip Nurse Member 9495880717 Sri. Shajimon K R Station Officer, Fire Station Palai Member 9497920071 Sri. Devarajan S R Junior Health Inspector, PHC Ullanadu Member 9961177067 Sri. Pradeep M S Sub Inspector, Police Station, Palai Member 9497910332 Ms. Sophia Andrews Office Attender, Panchayat Office, Bharananganam Member 9605310627 Mr.Shaji P Nair Asst. Station Officer, Fire

Force Palai, Member 9446248433 Monitoring Committee Name 1. Dr. Rajesh Baby, Coordinator 9447921482 2. Wardens: St. Thomas, St. Alphonsa and St. Augustine Hostel 3. Faculty Advisors of the final year batches 4. Mr. Suresh George, Finance Officer 5. Dr. Jyothis Thomas, SH 9447205778 6. Mr. Justine Thomas, Librarian 7. Mr. Anto Manuel, ECE 8. Ms. Pilsa Philip, Nurse

APJAKTU EXAMINATIONS AT SJCET, PALAI: GUIDELINES GENERAL INSTRUCTIONS: S7 B.

Tech R, S Students are directed to be present at least 45 minutes before starting of the exam. The exam hall will be Einstein Hall. Students are asked to check the seating plan available in the college website 5 pm on the previous day before coming to the exam. Students must wear masks N 95 or double mask all the time. They are advised to carry their own sanitizers, water bottle and must sanitize hands before entering the exam hall. Social distancing must be maintained throughout the process. Body temperature of all students entering the campus will be monitored. For COVID19 positive students. Francis Block. Room Number 108 First floor will be the exam room. They are instructed to come directly to Room Number 108 after parking the vehicle in the students parking area. They are not permitted to enter any other room. If needed, they can use the toilet available near the exam room. COVID19 positive students should fill the google form attached along with this instructions one day in advance Before 5 pm on the previous day of the exam. If needed, they can contact war room coordinator for any clarifications 9447921482 **STUDENTS ARE STRICTLY NOT PERMITTED TO WANDER IN THE CAMPUS.** Students must bring their own stationery required for the Sharing of any items is strictly prohibited inside exam hall. Students should not gather inside or outside examination halls. Canteen facility will be available. Students of other colleges must produce their college ID card or government approved Photo ID card. Also a copy of ID proof is to be submitted. Their exam hall also will be Einstein Hall Inside the Exam Hall Students can enter one by one and invigilator will allot answer sheet after pasting the barcode and marking attendance. After this the student must proceed to his her allotted seat and remain there till the end of exam. Students after completion of their exams must stand up to inform the same to invigilator and when invigilator allows, the student can deposit his her answer in the dedicated cover allotted for it and can leave the exam hall After the allotted time of exam, invigilators will be holding the covers for collecting

answer scripts. Students must deposit the answer sheets inside the cover with no contact with anything other than the answer. After handing over the answer scripts like stated above, students must proceed to leave the campus strictly observing social distancing must be maintained inside and outside the exam hall throughout the process. Malpractice Students are expected not to indulge in any sort of examination malpractices and misbehavior. If a student is caught committing exam malpractice, heshe shall not be allowed to leave the examination hall before the stipulated time. Students should deposit the answer books and evidences collected in the plastic bags kept for the purpose. The student caught for malpractice will be provided with another answer sheet and heshe can continue writing the examination. The same alphanumeric code of the barcode in the first answer book should be written on the new answer book. Such students after completing the exam, should deposit the second answer book in the same plastic bag in which heshe has deposited the first answer book. Students caught doing any sort of exam malpractice is expected to cooperate with college authorities in the inquiry into the malpractice. In case of students who have opted for Centrechange, the probe will be conducted by the university through Exam Monitoring Committee. To Hostel Inmates Students staying in hostels will have to abide by the rules and regulations in connection with Covid19 protocols intimated to them from hostel wardens. Inmates can only move out of hostel premises for the purpose of writing the university exams and should be back at the hostel within 15minutes after the exams. They are not permitted to leave the hostel other than attending the exams during the hostel staying period. War Room Details of the WAR ROOM constituted for the smooth conduct of the exams strictly adhering to the COVID 19 protocols is available in the college website. For any clarification please contact WAR ROOM coordinator Rajesh Baby 9447921482 and Exam cell coordinator Mr. Tomson Devis 7907374189. For college bus related enquires contact Dr. Jyothis Thomas 9447205778. PRINCIPAL 07022022

Extended Profile SJCET Palai 1. Students 1.1 Number of students year wise during the last five years a. Upload Supporting Document b. Institutional data in prescribed format 2.Teachers 2.1 Number of teaching staff full time teachers during the last five years Without repeat count a Upload

Supporting Document b Institutional data in prescribed format 2.2 Number of teaching staff full time teachers year wise during the last five years 3.Institution 3.1 Expenditure excluding salary component year wise during the last five years INR in lakhs a Upload Supporting Document

IEEE Computer Society SJCET Palai SJCET Palai IEEE Computer Society SJCET Palai Software Development Center 20240418T09:28:4600:00 The IEEE Computer Society is the worlds leading membership organization dedicated to computer science and technology. Serving more than 60,000 members, the IEEE Computer Society is the trusted information, networking, and careerdevelopment source for a global community of technology leaders that includes researchers, educators, software engineers, IT professionals, employers, and students. AKCSSC 2019 IEEE Computer Society AKCSSC 19, the fifth edition of All Kerala Computer Society Student Convention will be hosted by St. Josephs College of Engineering and Technology, Palai. With an expected count of 200 participants, AKCSSC19 is themed on The Evolution of Technology. AKCSSC 2019 IEEE Computer Society AKCSSC 19, the fifth edition of All Kerala Computer Society Student Convention will be hosted by St. Josephs College of Engineering and Technology, Palai. With an expected count of 200 participants, AKCSSC19 is themed on The Evolution of Technology. AKCSSC 2019 IEEE Computer Society AKCSSC 19, the fifth edition of All Kerala Computer Society Student Convention will be hosted by St. Josephs College of Engineering and Technology, Palai. With an expected count of 200 participants, AKCSSC19 is themed on The Evolution of Technology. AKCSSC 2019 IEEE Computer Society AKCSSC 19, the fifth edition of All Kerala Computer Society Student Convention will be hosted by St. Josephs College of Engineering and Technology, Palai. With an expected count of 200 participants, AKCSSC19 is themed on The Evolution of Technology. AKCSSC 2019 IEEE Computer Society AKCSSC 19, the fifth edition of All Kerala Computer Society Student Convention will be hosted by St. Josephs College of Engineering and Technology, Palai. With an expected count of 200 participants, AKCSSC19 is themed on The Evolution of Technology. AKCSSC 2019 IEEE Computer Society AKCSSC 19, the fifth edition of All Kerala Computer Society Student Convention will be hosted by St. Josephs College of Engineering and Technology, Palai. With an expected count of 200 participants, AKCSSC19 is themed on The Evolution of Technology. EVENTS SL.NONAME DATE 1 TECH SCRIBER 26th June 2022 2 Techie Pods 1 Into the Metaverse 6: A session on Metaverse. 1st July 2022 3 SLASH KEY 8: A 30hourlong hackathon. The

primary objective of this event was to provide an opportunity for potential candidates to build solutions for realworld problems. 9 10 July 2022 4 MasterC.exe 10: A peertopeer learning session on C Programming. 2628 August 2022 5 Handson Session Photoshop 12: A handson session on Photoshop to enhance the design potential of our participants. 1720 October 2022 6 CROSSTECH 14: The primary objective of this competition was to evaluate the awareness of the student members regarding the affairs of IEEE and to instil a spirit of volunteering in them. 2nd October 2022 7 IEEE XTREME 16.0 15:IEEE Xtreme 16.0 was the 16th edition of the international hackathon, conducted by IEEE on a global level. It is one of the most recognizable events in the world. October 22, 2022 8 Tehie Pods 2 Career in App Development with Flutter: A peertopeer learning session on Career in App Development using Flutter. November 28, 2022 9 ISRO Odyssey is a web designing competition inspired by ISROs achievements. Participants create websites illustrating ISROs history and milestones, celebrating its enduring legacy. 31 Sep 2023 10 PREP TALK: The TECH INTERVIEW: The event was an exclusive online session, where the participants gained invaluable insights and strategies for acing coding technical interviews. 2nd October 2023 ACHIEVEMENTS Blogging is a skill, one that takes practice to perfect. Like fine wine, the more experience, the better. Authoring articles, poems and blogs are todays go to way of expressing oneself on the internet. IEEE Computer Society Kerala Chapter TechThreads is an initiative to accelerate this drive in its student members. This is a chance for our students to express themselves, your thoughts, your two cents on matters of concern to all, and we give you a stage. The authors of the approved blogs posts will be provided with certificates and recognition. The entries will be judged on the basis of novelty, originality and pragmatism of the submitted blog.

Faculty Development ProgramsFDP SJCET Palai Faculty Development ProgramsFDP Software Development Center 20190614T05:56:2900:00 FDP ON RECENT ADVANCES IN FUEL CELLS Dept. of Mechanical Engineering, St. Josephs College of Engineering Technology Palai announces fiveday Faculty Development Program APJAKTU sponsored on Recent Advances in Fuel Cells during 8 12 July 2019. For registration, fill the online form

Embed Link SJ CET Palai Embed Link 20210826T06:52:5800:00

Ignatius Korah SJ CET Palai Ignatius Korah Software Development Center
20230714T07:42:0000:00 Dr. Ignatius Korah Professor Department of Science and Humanities
Mobile Number: 9447044199 Email:hodshsjcetpalai.ac.in Date of Joining: 08012016 Nature of
association: Regular Education Experience FDPSTTP conducted FDP Attended Publications
Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 BSc Kerala
St.Thomas College ,Pala 1976 Physics 2 M.Sc Kerala St.Thomas College ,Pala 1978 Electronics 3
MEd Annamalai University 1986 Education 4 MPhil Mahatma Gandhi University 2000 Physics 5
PhD Mahatma Gandhi University 2008 Physics Experience Teaching Experience : 36 Years Sl.
NoName of the collegeIndustryDesignationExperience Years Months 1 St.Georges College
,Aruvithra Professor 33 2 St. Thomas College of Teacher Education, Pala Professor 3 FDPSTTP
conducted Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Refresher course in
Physics 070694 to 300694 M G University ,Kottayam 2 Refresher course in Physics 24021997 to
21031997 M G University ,Kottayam 3 Workshop for restructuring curriculum in Degree courses.
08121997 to 12121997 M G University ,Kottayam 4 Refresher course in Physics 03031999 to
26031999 M G University ,Kottayam 5 Refresher course in Physics 03092002 to 27092002 M G
University ,Kottayam FDP Attended National Seminar on Quality Enhancement in Teaching,
Learning and Evaluation. Duration 1909201120092011 Organiser St. Thomas College, Palai
National Seminar on Vision 2030 Contribution of Educational Researches on National Development.
Duration 06082015 07082015 Organiser St. Thomas College, Palai National Level Workshop on
NIRF INDIA RANKING Duration 21112019 Organiser Marian College, Kuttikkanam Autonomous
National Seminar on Teaching, Learning and Evaluation Duration 28102021 29102021 Organiser
Mar Augustinose College, Ramapuram. STTP on Guidance Counselling Duration1210202017102020
Organiser St. Josephs College of Engineering Technology Publications Publications: Sl. No Type of
publication No. of publications 1 International Journals 4 2 National Journals 4 3 International

conference 4 National Conference 5 5 BooksBook chaptersMonograph International Journals SI.No
 Title of Paper Name of journal Year, Volume ISSNISBN No. 1 Thermodynamic feasibility study for
 chemical vapor deposition of some ternary crystals using iodine and hydrogen iodide. Crystal
 Research Technology 2005 40 No 9 P871876 2 The influence of metallic substitution on the
 physical properties of Manganese mercury thiocyanate crystals. Crystal Research Technology
 2007,42 No3,P295299. 3 Growth and characterization of gadolinium samarium oxalate single
 crystals. Crystal Research Technology 200742 No:10 ,P931942 4 Thermal studies on gadolinium
 cerium oxalate crystals grown in hydrosilica gel. S B Academic review 2007 ISSN 09737464,Vol
 XIV. Part 1.P125127 5 Growth and spectroscopic characterization of gadolinium neodymium oxalate
 crystals St. Thomas Academic Research and Studies STARS 2007Vol
 I,No:2,P175179ISSN09737804 6 Microwave dielectric studies of gelgrown crystals of gadolinium
 samarium oxalate, gadolinium cerium oxalate and gadolinium neodymium oxalate St. Thomas
 Academic Research and Studies STARS 2009Vol III,No:1,P8187,ISSN09737804 7 Growth and
 structural characterization of Gadolinium Neodymium Oxalate Crystals Grown in HydroSilica Gel
 Journal of Minerals and Materials Characterization and Engineering 2010,Vol 9No:12,P10811086 8
 Studies on the effect of growth parameters on the quality and morphology of gel grown gadolinium
 samarium oxalate crystals St. Thomas Academic Research and Studies STARS
 2011,ISSN09737804

Jilu Maria George SJ CET Palai Jilu Maria George Software Development Center
 20231027T07:48:1300:00 Ms. Jilu Maria George Assistant Professor Department of Science and
 Humanities Mobile Number: 9656461572 Email: jilu.mariasjcetpalai.ac.in Education FDPConference
 Education QUALIFICATIONUNIVERSITYINSTITUTIONSPECIALIZATION M.Sc. MAHATHMA
 GANDHI UNIVERSITY, KERALA St. Dominics College, Kanjirappally MATHEMATICS B.Sc.
 MAHATHMA GANDHI UNIVERSITY, KERALA ALPHONSA COLLEGE, PALA MATHEMATICS
 B.ED. MAHATHMA GANDHI UNIVERSITY, KERALA ALAZHAR TRAINING COLLEGE,
 THODUPUZHA MATHEMATICS EDUCATION FDPConference 2 days International

Conferenceonline on Emerging Trends in Vedic Mathematics Applications in Science, Technology and Social Sciences ResearchETVMASTSSR2020, 1617 August 2020 organized by Special Centre for ELearning , Jawaharlal Nehru University, New Delhi, India 5 day FDP on DISCRETE MATHEMATICS, GRAPH THEORY AND ITS APPLICATIONS organized by Department of Applied Sciences Humanities in association with IQAC, Universal Engineering college Vallivattom from 17 August 2020 to 21 August 2020 FDP on Professional Ethics conducted by Providence college of Engineering, Chengannur. International webinar on Applications of Partial Differential Equations and Recent Trends in Mathematics Education

Image Gallery SJCET Palai Image Gallery Software Development Center 20190121T07:28:2400:00
TEDxSJCETPalai

Fee Structure SJCET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home FacebookInstagramLinkedinYouTubeTwitter HomeFee Structure Fee Structure Software Development Center 20241210T10:58:1700:00

Faculty Development Programme on Design Thinking SJCET Palai Faculty Development Programme on Design Thinking Software Development Center 20180619T01:03:1100:00 About FDP This FDP is an introductory course planned to understand the various segments of activities which encourages the students to think out of box and formulate design solutions to satisfy the growing demands by exploring all the phases of software development. This also discuss the current and future trends in design activities and to maximize the impact of new design methods, prototyping and project development. Target Audience : CSEITECE Faculty Members The maximum number of participants is limited to 40. Outcomes After successful completion of this fdp , faculties will be able to : Apply the knowledge of Design Thinking in the course Design Project Analyze the project proposals submitted by the students Track the progress of student projects

Evaluate prototypes designed by the students Important Dates Kindly bookmark the important dates of FDP which is to be held at St. Josephs College of Engineering and Technology, Palai during 9th to 11th July 2018 July 2, 2018 : Last date for registration July 4, 2018 : Confirmation of Registration from Organizers Registration Registration Fee: 1500 General Information No TADA will be provided. Limited accommodation is available on payment basis, request shall be made in advance. Tea, Snacks and Lunch will be provided Coordinators Prof. Prince V Jose, Email: prince.v.josesjcetpalai.ac.in Mob: 9496821125 Prof. Sarju S, Email: sarju.ssjcetpalai.ac.in Mob: 9447233663

Feedback System SJCET Palai Feedback System Software Development Center
20230701T12:51:0400:00 To be updated

Innovation and Entrepreneurship Development Center SJCET Palai 29th April 2019Effective Presentation Skills and Idea Pitching SJCET Startup Bootcamp in association with Kerala Startup Mission and ICT Academy of Kerala is organized a two day workshop on Effective Presentation Skills and Idea Pitching on 29th and 30th April 2019 for shortlisted students teams of Idea fest 2019. 11th to 13th February 2019Concept Coaching Faculty development programme on concept coaching organized by ICT Academy of Kerala 25th and 26th February 2019IoT Application Development This workshop provides a platform to learn various components, technique, and applications in IoT. This workshop also help the Entrepreneur to build their product with industrial standards. 21st February 2019INSPIRE 2.0 , an awareness programme about Kerala Startup Mission idea fest for Civil Engineering Students 15th February 2019INSPIRE 2.0 , an awareness programme about Ksum idea fest for Computer Science and Engineering Students 14th February 2019INSPIRE 2019 INSPIRE 2019 organized by Kerala Startup Mission in association with Startup Bootcamp SJCET IEDC is a event where awareness is provided to the students about IEDC and Idea Fest. 7th February 2019How to build a Startup So whats the secret to building a successful startup You have to be passionate, committed and willing to work for the long haul. Many startups

don't fail. Rather, their leaders just tend to give up too soon. Be hands on, set realistic goals for growth and development and take your startup journey one step at a time. Understanding the steps and principles here can be the difference between a failed startup and a successful one.

7th February 2019 Mega Startup Project Contest As part of ASTHRA 2019, technical fest of St. Joseph's College of Engineering and Technology, Palai SJCET Startup Bootcamp Organized a Mega Startup Project Contest. Participants can exhibit your startup products Prototypes and young projects with respect to any engineering or business field can be exhibited.

7th February 2019 Hackathon As part of ASTHRA 2019, technical fest of St. Joseph's College of Engineering and Technology, Palai SJCET Startup Bootcamp Organized a Hackathon. Top 20 teams will be shortlisted based on their ideas

2nd February 2019 PreFYPM PreFYPM Zonal Meetups are the curtain raiser events to FOSS Young Professional Meet FYPM and participants get to know what they can experience in FYPM.

Zone 4 Idukki Kottayam Meetup held at SJCET PALAI. The event was organised by ICFOSS in association with Free Software Users Group NEXUS of SJCET.

4th January 2019 St. Joseph's Young Innovation Award The main objective of constituting St. Joseph's Innovations Award is to recognise the young scientists' innovations among the students of Kerala by showcasing their innovative projects developed during their school life. It is expected to provide a platform for future scientists and engineering solutions, and thereby create an opportunity to interact with the fellow innovators and other expertise

14th November 2018 Startup Yatra The Startup India Yatra is a platform which aims to help aspiring entrepreneurs in Tier 2 and Tier 3 cities realize their startup dream. Entrepreneurs will get an opportunity to get their Startups incubated i.e., coached and prepared in one of the best incubators to succeed in their journey from idea to enterprise.

7th to 9th November 2018 Entrepreneurship Awareness Camp SJCET School of Management and Startup Bootcamp SJCET IEDC organized a three day Awareness Camp on Entrepreneurship

12th 13th October 2018 INSENDIUM 4.0 The Biggest internal event to discover the true engineer inside you and explore the extravaganza of technology, business and Btech lifestyle Come and attend for the best experiences.

8th August 2018 Talk on Why Bootcamp Explore the era of innovation, organized by Startup Bootcamp SJCET IEDC

15th May 2018 In connection with National Technology Day

2018, St. Josephs College of Engineering Technology, Palai in association with ENCON Green Club and Startup Bootcamp SJCET IEDC organized a Quiz Competition for HSS Students, sponsored by Kerala State Council for Science, Technology and Environment. 22nd 23rd March 2018

RELEvent 2018 Recruitment of Emerging LEaders Event Startup Bootcamp SJCET IEDC s 4th Executive Committee Selection 2018 14th March 2018 to 16th March 2018

Kitco Ltd in association with SJCET School of Management and SJCET Startup Bootcamp organized a three day Awareness Camp on Entrepreneurship from 17th February 2018

Techasthra is a unique technical contest of SJCET Startup Bootcamps Techathlon event conducted as part of ASTHRA 2018 17th February 2018

Anonymous One day Cyber Security Workshop. Resource Person : Subhash Babu, Deputy Commandor, Cyberdom 2nd 3rd February 2018

Ideation Workshop Jointly organized by KSUM and ICT Academy 19th 20th January 2018

Workshop on Django opensource web framework in Python organized by International Centre for Free and Open Source Software jointly with Swanthra , Mozilla SJCET and Startup Bootcamp SJCET IEDC. 15th to 18th January 2018

FOSS Awareness session organized by International Centre for Free and Open Source SoftwareICFOSS jointly with SWATHANTHRA , Mozilla SJCET and Startup Bootcamp SJCET IEDC 12th Janauary 2018

INtalk Series 4 talk on Agile Methodology, which is an iterative and incremental software development methodology.Organized by Department of Computer Science Engineering Jointly with ACM SJCET and SJCET Startup Bootcamp. Resource Person: Mr. U S Vineesh,Wipro Bangalore 17th November 2017

SJCET School of Management in association with Startup Bootcamp SJCET IEDC celebrated the Womens Entrepreneurship Day on 17th November 2017 4th November 2017

Inauguration of Maker SpaceloT Lab , joint initiative by Kerala Startup Mission and St. Josephs College of Engineering Technology, Palai on 4th November 2017 by Dr. Saji Gopinath, CEO, KSUM 4th November 2017

INtalk Series 3 Ms. Tiffany Brar Topic: Disability is not a hindrance to reach the sky 4th November 2017

Organized 6th Idea Day on 4th November 2017 at St. Josephs College of Engineering Technology, Palai. 4th October 2017

SJCET Bootcamp jointly with Mozilla SJCET organized Mozilla Firefox Quantum Sprint 21st September 2017

SJCET Startup Bootcamp jointly with Lamaara.Technologies A Student Startup incubated at SJCET Bootcamp is Organizing a one

day workshop on Introduction to Internet of Things on 21st September 2017 at IoT Lab

20th September 2017

INTalk Series 2 SJCET Startup Bootcamp jointly with Women in Development Cell of SJCET is organizing a session exclusively for female students about Women Entrepreneurship Opportunities on 20th September 2017

23rd August 2017

SJCET Bootcamp jointly with Kerala Startup Mission and KSIDC is organizing out of syllabus, a program which gives an overview about the student entrepreneurship opportunities. 23rd August 2017

INTalk Series 1 Mr. Abu Mathew Thoppan , CEO , Thopps Technologies Topic: EvE 2 EwE 18th August 2017

SJCET Bootcamp jointly with the Department of Industries and Commerce Kerala organized seminar on Entrepreneurship Development. 18th 19th August 2017

INSENDIUM 3.0 Thursday, 30th March 2017

Annual General Body Meeting of SJCET Startup Bootcamp on Thursday, 30th March 2017

22nd 23rd March 2017

Workshop on Introduction to Creative Engineering Design 22nd 23rd March 2017

10th and 11th of March 2017

2 day FabXL workshop in association with Kerala Startup Mission KSUM and FABLAB Kerala on 10th and 11th of March 2017

22nd February 2017

Techasthra is a unique technical contest of SJCET Startup Bootcamps Techathlon event conducted as part of ASTHRA 2017 on 22nd February 2017 at St Josephs College of Engineering and Technology, Palai. 15th February

SJCET Bootcamp jointly with Mozilla SJCET organized on 15th February at Main Block seminar hall at 4pm. 7th and 8th February 2017

SJCET Startup Bootcamp jointly with Kerala Startup Mission and ICT Academy of Kerala organized a two day Entrepreneurship Awareness Camp on 7th and 8th February 2017. 3rd January to 7th January 2017.

KELTRON Skill Development Center of SJCET Palai jointly with Startup Bootcamp SJCET and Department of Computer Science and Engineering conducted a Training on Internet of Things from 3rd January to 7th January 2017. 3rd January to 7th January 2017.

KELTRON Skill Development Center of SJCET Palai jointly with Startup Bootcamp SJCET and Department of Computer Science and Engineering conducted a Training on Android Application Development from 3rd January to 7th January 2017. 20th 21st October 2016

Two Day Workshop INSENDIUM 2.0 5th October 2016

Talk on Mozilla 1st October 2016

Git Hub DuckDuckGo workshop 26th September 2016

KTU IEDC Cluster 5 Coordinators Meet up 13th August, 2016

One Day IEDC Student Coordinator Meetup 12th August 2016

Meet the

Entrepreneur 22nd , 23rd 24th July 2016Three Day Workshop Startup i3 1st 2nd April 2016Two day
Workshop INSENDIUM 1.0 4th 5th March 2016Two Day Faculty Development Programme on
Internet of Things IoT 19th 20th February 2016Three Day Workshop on Universal App Development
for Windows10 14th, 15th 16th September 2015Three Day Workshop on Impresario 1.0 29th July
2015Ideathone

Innovative Teaching Learning Dept. of ME SJ CET Palai HomeInnovative Teaching Learning Dept.
of ME Innovative Teaching Learning Dept. of ME Software Development Center
20220712T11:28:4200:00 Innovative Teaching Learning Dept. of ME

Jilu Tresa George SJ CET Palai Jilu Tresa George Software Development Center
20181218T07:52:0700:00 Jilu Tresa George Assistant Professor Department of Science and
Humanities Mobile Number:8301023502 Email:jilutresageorge@gmail.com Education Faculty
Development Programme Education SI.NoQualificationUniversityInstitutionYear of
passingSpecialization 1 B.Sc MG Alphonsa College ,Pala 2016 Mathematics 2 M.Sc CUSAT
CUSAT Dept. of Maths 2018 Mathematics Faculty Development Programme Name of
TrainingWorkshopYear Date DurationOrganizer FDP on Numerical Linear Algebra Partial
Differential Equations 05,06,07 December 2018 Dept. of SH,Ahalia School of Engg.
Technology,Palakkad

Jinta John SJ CET Palai Jinta John Software Development Center 20220521T04:31:4100:00 Prof.
Jinta John Assistant Professor Department of Civil Engineering Mobile Number: 91 9747274252
Email: jintajohnsjcetpalai.ac.in Date of Joining: 07042021 Education FDP Publications Education
DEGREESPECIALISATIONINSTITUTIONUNIVERSITYYEAR OF PASSING 1 MTech SECM St.
Josephs College of Engineering and Technology, Palai KTU 2020 FDP Recent advances in wind
load analysis of structures, online FDP organised by Department of Civil Engineering, Mar Baselios
College of Engineering and Technology, Thiruvananthapuram from 7th to 11th June, 2021.

Advances in Bridge Engineering Design and Research Perspective, online STTP organised by Department of Civil Engineering, Government Engineering College Thrissur from 21st to 25th March 2022 Publications Evaluation of Risk factors in Building Construction International Research Journal of Engineering and Technology IRJET Concrete Encased CFST Beam Column Joints: A Review International Research Journal of Engineering and Technology IRJET Cold Formed Corrugated Steel Plate Shear Wall: A Review International Research Journal of Engineering and Technology IRJET Nonlinear Buckling Analysis of Stiffened Plate: A Review International Research Journal of Engineering and Technology IRJET

Femlin Pious SJ CET Palai Femlin Pious Software Development Center 2018 12 18 T08:11:08 00:00
 Femlin Pious Assistant Professor Department of Science and Humanities Mobile Number: 8547995761 Email: femlin.pious@gmail.com Education Experience Publications Conference
 Education Sl.No Qualification University Institution Year of passing Specialization 1 B.Sc Mahatma Gandhi Union Christian College, Aluva 2012 Mathematics 2 M.Sc Christ University, Bangalore Christ University, Bangalore 2014 Mathematics 3 MPhil Christ University, Bangalore Christ University, Bangalore 2016 Mathematics Graph Theory Experience Sl. No Name of the college Industry Designation Experience Years Months 1 DE PAUL INSTITUTE OF SCIENCE AND TECHNOLOGY DiST, ANGAMALY ASST.PROFESSOR 2 YEARS AND 5 MONTHS Publications Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 On Equality and Strong Equality of Domination number and Independent domination number in graphs Mapana Journal of Science Christ University, Bangalore 2015, vol.3 1, ISSN 09753303 | doi:10.12723/mjs.34.5 2 Inequality of Domination number and Independent Domination number in graphs, , De Paul Journal of Scientific Research De Paul Centre for Research and Development 2017, vol.41, ISSN 23944412: EISSN: 23942509 Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 On equality and strong equality between domination number and independent domination number in graphs Recent Trends in Pure Applied Mathematics Rathinam College of Arts and Science, Coimbatore, Tamil Nadu, 4 September 2015

Invitation for Tender SJCET Palai Home Invitation for Tender Invitation for Tender Software Development Center 20230106T04:47:4300:00 Invitation for Tender: Supply and installation of Stereolithography Apparatus with Accessories St. Josephs College of Engineering and Technology, Pala invites sealed Bids from eligible and experienced OEM or OEM Authorized Dealer for supply and installation of Stereolithography Apparatus with Accessories with onsite comprehensive warranty from the date of receipt of the material as per terms conditions specified below.

TECHNICAL SPECIFICATION: Sr. No. Stereolithography Apparatus with Accessories

- 1 Technology Stereolithography SLA
- 2 Build Volume 145 145 185 mm or more
- 3 Resin Fill System Automated
- 4 Peel Mechanism Sliding Peel Process with wiper
- 5 Layer Thickness Axis Resolution 25 microns or above
- 6 Laser Specifications EN 608251:2007 certified
- 7 Connectivity Wifi, Ethernet and USB
- 10 Temperature Control Selfheating Resin Tank
- 11 Operating Temperature Suggested 6482 F , Autoheats to 95 F
- 12 Data Import Format .stl,.obj. and other formats desirable
- 13 Preprocessing Software Licensing Perpetual License
- 14 Workstation Compatibility Windows , Linux Latest Versions
- 15 LED curing System
- 16 Print Speed 10 mmH or above
- 17 Resolution 1075 microns
- 18 Layer thickness 10100 microns
- 19 Light Source 390680 nm Laser
- 20 Resin Biocompatible
- 21 After Sales support In addition to follow up service, training, trouble shoot forums are desirable
- 22 Warranty Minimum 1year from the date of installation

Security Deposit will be 5 of the total amount including GST of the instrument. 100 payment upon delivery and satisfactory installation of the item in the college campus is preferred. Interested bidders may sent your offer in the attached document

Download Quote as sealed envelope superscribed QUOTATION FOR SUPPLY AND INSTALLATION OF STEREOLITHOGRAPHY SLA APPARATUS. Schedule Last date of receipt of sealed bids 31012023 Validity of the offer 4.00 pm, 28022023 Warranty period Minimum 1 year Security Deposit 5 of total cost including GST Time and date of Tender opening 11.00 am, 02022023 in presence of any of the interested bidders. DOWNLOAD QUOTE

20230715T03:30:4400:00 SI NoMembersPosition 1 Principal Chairman 2 Vice Principal Coordinator 3 Lab Manager Representative of Management Member 4 HoD SH Member 5 HoD, EC Member 6 HoD, EEE Member 7 HoD CE Member 8 HoD, ME Member 9 HoD ,CSE Member 10 HoD, AD Member 11 Hod, ES Member 12 HoD, CY Member 13 HoD MBA Member 14 HoD MCA Member 15 Dean, UG Member 16 Dean, PG Member 17 Dean Research Member 18 Chief Warden, Mens Hostel Member 19 Placement Officer Member 20 Finance Officer Member 21 Senior Administrative Officer Member 22 Librarian Member 23 Mr. Rajesh Valiplackal, Member District Panchayat, Representative of Local Community Member 24 Mr. Dennis Sebastian, Senior Executive, Marlabs Representative of Employer Member 25 Mr. Subin Matheikal Representative of Alumni Association Member 26 Mr. Geo Sebastian, Director, Glenrock Rubber Products Pvt. Ltd. Representative of Industrialist Member 27 PTA President Member 28 Chairman, Student Council Member

Fr. Mathew Koramkuzha SJCET Palai Fr. Mathew Koramkuzha Software Development Center
20240105T05:54:0200:00 Rev. Fr. Jobish Joseph Assistant Professor MBA Mobile Number:
7907724115 Email: managersjcetpalai.ac.in Date of Joining: 30.01.2016 Association with Institution:
Regular Education Experience Education SI.NoQualificationUniversityInstitutionSpecialization 1 BA
MG Private Study Philosophy 2 MHRM MG MA College Ramapuram Human Resource
management 3 MSc Applied Psychology Bharathiar Private Study Applied Psychology Experience
Teaching Experience : 5 Years SI. NoName of the collegeIndustryDesignationExperience Years
Months 1 MA College Ramapuram Asst.Professor 5 Years

Jisha Babu SJCET Palai Jisha Babu Software Development Center 20190510T09:11:1100:00 Prof.
Jisha Babu Assistant Professor Computer Science Engineering Mobile Number: 91 7025001080
Email: jishabhmgmail.com Education Experience Education
DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE SJCET,PALAI M G
UNIVERSITY 2010 M.Tech. CSE AJCE,KANJIRAPPALLY M G UNIVERSITY 2013 Experience
Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Government Polytechnic

College, Muttom. Guest lecturer July 3, 2013 October 31, 2013 Model Polytechnic College, Poonjar.
Guest lecturer November 27, 2013 April 23, 2014 College of Engineering Trivandrum CET. Assistant
Professor June 2, 2014 January 14, 2017 St. Josephs college of Engineering, Palai Assistant
Professor January 25, 2017 April 20, 2018

Fr. Jeethu Mathew SJ CET Palai Fr. Jeethu Mathew Software Development Center
20250325T10:44:0400:00 Rev. Dr. Jeethu Mathew Assistant Professor Department of Computer
Applications Mobile Number: 91 9495127007 Email: frjithusjcetpalai.ac.in Date of Joining:
08.01.2018 Nature of association: Regular Education Experience FDP STTP Webinars Paper
Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1
Graduation Mahatma Gandhi BVM Holy Cross,Cherpunkal 2015 Computer Applications BCA 2 Post
Graduation Mahatma Gandhi SJ CET 2017 Computer Applications MCA 3 Ph.D. Bharathidasan
University Bishop Heber College Trichy 2024 Internet of Things Experience Date of joining SJ CET:
08.01.2018 Present status: Asst.Professor Sl. NoName of the
collegeIndustryDesignationExperience 1 SJ CET Asst. Professor 08012018 to 19092019 2 Bishop
Heber College Trichy FullTime Research Scholar 20092019 to 28012021 3 SJ CET Asst. Professor
29012024 to till date FDP STTP Two weeks Faculty Development Programme on National
Conference on Predictive Analysis Conducted by Saintgits College of Engineering Kottayam, Kerala
from 09102019 to 19102019. Five days Online Course on Internet of Things IoT Current
Developments Conducted by BECHRUSA 2.0, Bharathidasan University on 8th 12th May 2020.
Three days international digital conclave on Innovations in Teaching Learning, A Global Perspective
organized by Amal Jyothi College of Engineering Kottayam and Marian College Kuttikkanam, Kerala
from 14072020 to 16072020. International FDP on Linux Fundamentals with Cloud and Container
Platform by Marian College Kuttikkanam and IPSR Solutions Ltd Kottayam Kerala from 22072020 to
28072020. Five days FDP on Know Everything related to Research conducted by Ilahia College of
Engineering and Technology Muvattupuzha, Kerala from 23072020 to 28072020. Six days STTP on
Incorporating the Techniques of Blockchain and Artificial Intelligence to face the Security and

Privacy challenges of IT Infrastructure Industry approach Implementation organized by KCG College of Technology Chennai from 23112020 to 28112020. A two days FDP on MS Excel Essentials for Academicians organized by Department of Commerce and Professional Studies IQAC, Rajagiri College of Social Sciences Kalamassery on 20 21st November 2020. AICTE sponsored one week online shortterm training programme on Recent Emerging Trends in Wireless Communication Using IoT conducted by the Department of electronics and communication engineering, Vidya Jyothi Institute of Technology Hyderabad from 07122022 to 12122020. AICTE sponsored online oneweek STTP under AQIS on Recent Trends in Internet of Things conducted by Anurag engineering College Telangana from 14th December 2020 to 19th December 2020. A six days STTP on Incorporating the Techniques of Blockchain and Artificial Intelligence to face the Security and Privacy challenges of IT Infrastructure Research approach organized by KCG College of Technology Chennai from 14122020 to 19122020. A six days STTP on Smart Computing Technologies and Applications organized by Department of computer science and engineering, MES College of engineering, Kuttippuram from 14th December 2020 to 19th December 2020. A six days STTP on IoT and Data Science conducted by Department of Electronics and Communication Engineering, St. Josephs College of Engineering and Technology Palai from 28th December 2020 to 2nd January 2021. Six days online international workshop on Machine Learning Applicationsan Industrial Perspective organized by Department of MCA, St. Josephs College of Engineering and Technology Palai from 11th January 2021 to 16th January 2021. A six days STTP on Incorporating the Techniques of Blockchain and Artificial Intelligence to face the Security and Privacy challenges of IT Infrastructure International Practices and Experiences organized by KCG College of Technology Chennai from 18012021 to 23012021. A three days faculty development program on Systemizing ResultsProblem Finding to Patenting organized by the Department of Computer Science and Engineering, Rajagiri School of Engineering and Technology Kochi from 29th March to 31st March 2021. A five days FDP on Analysis and Implementation of Data Security on Hosts and Networks organized by Department of computer science and engineering, Muthoot Institute of Technology and Science from 10th May 2021 to 15th May 2021. A five days online faculty development program on Infrastructure and

Security Challenges in Cloud Computing organized by Department of computer science and engineering, SCMS School of Engineering and Technology Karukutty from 19th July 2021 to 24th July 2021. A five days FDP on AI into Data Science: A Pedagogical Approach organized by the Department of Electronics and Communication engineering, St. Josephs College of Engineering and Technology Palai from 9th August 2021 to 13th August 2021. A six days STTP on Artificial Intelligence and Applications organized by the Department of computer science and engineering, Marian Engineering College Trivandrum from 23rd August 2021 to 28th August 2021. One day faculty development program on Research Integrity and Ethics in Scientific Research organized by the UG Department of computer applications, Bishop Heber College Trichy on 25th August 2021. A three days FDP on Pandas Data Wrangling Boot Camp from 25th October 2021 to 27th October 2021 conducted by the Department of data science, Bishop Heber College Trichy. Seven days orientation programme on Anaconda Data Science Techniques organized by IFET College of Engineering Villupuram, Tamil Nadu from 20th December 2021 to 27th December 2021. A seven days National FDP on Pedagogy and Learning: Mapping New Approaches organized by IQAC, Jyoti Nivas College Autonomous Bengaluru from 3rd January to 9th January 2022. One day FDP on AI in Business organize by the Department of Data Science, St. Josephs College Autonomous Tiruchirappalli on 11th January 2022. A five days ATAL Academy Online Elementary FDP on Wearable Devices conducted by St. Josephs College of Engineering and Technology, Palai from 17th January 2022 to 21st January 2022. Six days orientation programme on Recent Advancements in Deep Learning organized by Anuraag Engineering College, Ananthagiri, Telangana from 7th February 2022 to 12th February 2022. A five days FDP on Patents and Innovative Teaching and Research Methodology organized by Department of Computer Science SF II, Bishop Heber College Trichy from 2nd March 2022 to 6th March 2022. A five days International FDP on Advance Research and Quality Publication conducted by Federal Institute of Science and Technology Ernakulam from 29th August 2022 to 2nd September 2022. Seven days National Level Online FDP on Outcome Based Education organized by St. James College of Nursing and St James Pharmaceutical Sciences, Chalakudy in association with The Kerala State Higher Education Council

from 8th March to 15th One day FDP on Trustworthy AI organized by the Department of Data Science, St. Josephs College Autonomous, Tiruchirappalli on 12th March 2023. Seven days FDP on Open AI for Academicians conducted by the Department of Data Science, St. Josephs College Autonomous, Tiruchirappalli from 16th August to 22nd August 2023. Eight days National Level Virtual FDP on NAAC Accreditation Framework organized by Guru Shree Shantivijai Jain College for Women, Chennai from 9th September to 16th September 2023. Webinars A One Day State Level Seminar on Green IoT held at St. Josephs College, Trichy on 13th December 2019. Webinar on The Governance on Cyberspace: CoProduction of Cyber Security conducted by Manonmaniam Sundaranar University Indian Society of Criminology on 23052020. National webinar on How to write a Research Paper Conducted by Mar Baselios Institute of Technology and Science Kothamangalam, Kerala on 31052020. Webinar on IoT EyeOpener Session conducted by Pavai Engineering College Namakkal on 05062020. International webinar on Writing without Plagiarism Conducted by Government Arts College Trichy on 10062020. A One Day Webinar on Online Content Creation Tools Organized by Department of Computer Science shiftII, Bishop Heber College on 11062020. A Webinar on IoT for Agriculture conducted by IIIT Kottayam, Kerala on 11062020. A One Day International Webinar on Data Analytics and Applications Organized by Department of Computer Science shiftII, Bishop Heber College on 12062020 Webinar on Enhancing Effectiveness of Online Learning Conducted by Amal Jyothi College of Engineering Kottayam and Marian College Kuttikkanam, Kerala on 17062020. A One Day International Webinar on Online Examination Tools Organized by Department of Computer Science shiftII, Bishop Heber College on 20062020. A One Day Webinar on Predatory Journals A Growing Threat for Academicians Organized by Department of Computer Science shiftII, Bishop Heber College on 04072020. A oneday international webinar on Online Research Tools Organized by Department of Computer Science shiftII, Bishop Heber College on 10072020. One day Webinar on Demystifying AI, ML and Data Science Conducted by College of Engineering Perumon and, Kerala on 20072020. One day webinar on Effective Method for Research Publication and Citation organized by PG Department of computer science, Bishop Heber College Trichy on 28042021. One day webinar on Research

Issues and Challenges in Internet of Things organized by PG Department of computer science, Bishop Heber College Trichy on 29/04/2021. One day webinar on PostDoctoral Studies organized by PG Department of computer science, Bishop Heber College Trichy on 30/04/2021. One day webinar on Cloud Computing and Data Analytics organized by Department of computer applications, Sree Narayana Gurukulam College of Engineering and Technology Kolenchery on 5th June 2021. One day seminar on Effective research planning and execution using Scopus and Sciencedirect conducted by University of Jammu on 17th December 2021. One day webinar on Cyber Security organized by IEEE SB Kottayam and Institute Innovation Council IIIT Kottayam on 27th December 2021. One day webinar on Preparing for the Quantum Era organized by IIIT Kottayam on 27th January 2022. One day webinar on Why do we want to take quantum to space organized by IIIT Kottayam on 10th February 2022. One day webinar on 3D Computer Vision organized by ACM and IIC IIIT Kottayam on 12th February 2022. One day webinar on How to use Quantum to solve real world problems organized by IIIT Kottayam on 24th February 2022. Paper Publications Mathew, J., and R. Jemima Priyadarsini. Enhancing Security in IoT Healthcare Services Using Fog Computing. International Journal of Advanced Science and Technology 28.17 2019: 444450. Scopus Mathew, J., and R. Jemima Priyadarsini, 2020 A Review on DDoS attacks on IoT. Solid State Technology, 634, 80008009 Mathew, J. ., Priyadarsini R, J. . 2023. A Generalized Renyi Joint Entropy Method for the Detection of DDoS Attacks in IoT. International Journal on Recent and Innovation Trends in Computing and Communication, 116, 248252. Scopus. Mathew, J. ., Priyadarsini , R. J. . 2023. Efficient DDOS Detection in Internet of Medical Things using CNNACL Approach. International Journal of Intelligent Systems and Applications in Engineering, 114, 789799. Scopus. Mathew, Jeethu, and R. Jemima Priyadarsini. Efficient DDOS Prevention in Internet of Medical Things Using 2aes and Digital Signature Approaches. Journal of Electrical Systems 20.7s 2024: 35773590 Web of Science, Scopus

George K Thomas SJ CET Palai George K Thomas Software Development Center
20190117T12:07:3900:00 Mr. George K Thomas Instructor Department of Civil Engineering Mobile

Number: 91 9495393581 Email: georgekthomas076gmail.com Date of Joining: 10012011 Education
 Experience FDP Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1
 Diploma Technical Education GPT Kottayam 1998 Civil 2 Pre Drge MG University St.Dominics
 College Kanjirapally 1993 First Group 3 SSLC Kerala Board of Examination St Marys HS
 Elamkulam 1991 General Subjects Experience Sl. NoName of the IndustryDesignationExperience
 Years Months 1 Kerala State Construction Corporation Ltd Kottayam Supervisor Eight Months 2
 Eliikkulam Grama Panchayath Engineering trainee One Year 3 Kreations Architects and Structural
 Engineers Chenganoor Site Supervisor Eighteen Months 4 V.C.M Sons Changanacherry Site
 Engineer Five Years 5 Al Marwan general Contracting Company L.L.C Sharja Civil Engineer Twenty
 Months FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Water Quality
 Analysis and Management 08 to 19 July 2013 TIES VELLOOR

Gayathri R Krishna SJ CET Palai Gayathri R Krishna Software Development Center
 20230811T05:44:2300:00 Prof. Gayathri R Krishna Assistant Professor Department of Computer
 Science Engineering Mobile Number: 91 8589083573 Email: gayathrirkrishnasjcetpalai.ac.in
 Education Experience Conference Conducted Publications FDPs Attended Education
 DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE Mangalam college of
 Engineering M .G University 2010 M.Tech. CSE Adi Shankara Institute of Engineering Technology
 M .G University 2012 Ph.D. Machine Learning Satyabama Institute of Science and Technology
 Satyabama University Pursuing Experience Name of the CollegeIndustryDesignationDate of
 JoiningDate of Relieving Mangalam College of Engineering Assistant Professor 16072012
 20072023 Conference Conducted International Conference on Computational Intelligence Digital
 Technolgy 2K23 at Mangalam College of Engineering on May 2023 International Conference on
 Computational Intelligence Digital Technolgy 2K22 at Mangalam College of Engineering on June
 2022 International Conference on Computational Intelligence Digital Technolgy 2K21 at Mangalam
 College of Engineering on May 2021 International Conference on Computational Intelligence Digital
 Technolgy 2K20 at Mangalam College of Engineering on April 2020 International Conference on

Computational Intelligence Digital Technology 2K19 at Mangalam College of Engineering on May 2019 Publications Crash Detection Using an IOT Based Sensor Health Related Features, Ms. Gayathri R Krishna, Mr. Abin Moses Andrews, Mr. Asin Tomy, Mr. G Harikrishna, International Journal of Engineering Research Technology IJERT, May 2023 Vehicle license Plate Recognition Using Dark Channel Prior Algorithm, Aleena Jacob, Gayathri R Krishna, International Journal of Engineering Research Technology IJERT, May 2023 Visa Processing System Using NODE JS, Gayathri R Krishna, Nived Manoj, Nithin Chandran, Vijith K Pillai, Sajan Thomas, International Journal of Engineering Research Technology IJERT, May 2023 Wearable Device to Track Covid 19 Symptoms, Gayathri R Krishna, Susanna Saran M S Midhun Minza, International Journal of Engineering Research Technology IJERT, June 2021 Deep Learning based Pneumonia detection using XRay Gayathri R Krishna, Asaph M Joyer George, Akshay V Anil, Abhishek B, International Journal in Advances in Computer Science Technology, June 2020 Gaze Based Password Entry using Android: Pin Based Authentication Methods to Reduce Shoulder Surfing Attacks, Ms. Gayathri R Krishna, Devipriya S Kumar, Fincy Joseph, Mary Nimisha, Sreealakshmi S Nair, International Journal in Advances in Computer Science Technology, July 2020 HELPMATEA Women Safety Device Using IoT and Machine Learning, Gayathri R Krishna, Sreealakshmi G Nair, Nandu Krishnan K M, Vishnuraj R, International Journal in Advances in Computer Science Technology, June 2020 ARTIFICIAL INTELLIGENCE EMBEDDED MIRROR, Gayathri R Krishna, Rohith C M, Tijo Sebastian, Unnikrishnan S, Vishnu Vinod, International Journal of Networks Systems, May/June 2019 A SMART MEDIKIT USING IOT TECHNOLOGY, Gayathri R Krishna, Alen John Thomas, Abhishek Radhakrishnan, Arun George, Geo Joy, International Journal of Networks Systems, May/June 2019 FDPs Attended FDP on AWS Cloud from 13012023 to 17012023 organized by AITCSE Chandigarh University FDP on Advanced Research and Quality Publication from 29082022 to 02092022 organized by Federal Institute of Science Technology FISAT. FDP on Infrastructure and Security Challenges in Cloud Computing from 19072021 to 24072021, organized by SCMS School of Engineering Technology. FDP on Artificial Intelligence from 19102020 to 23102020 at Rajagiri School of Engineering and Technology by AICTE Training And

Learning ATAL Academy. Challenges in Cybercrime Enforcement of Cyber Security from 6072020 to 12072020 organized by Dr.MGR Educational Research Institute.

Jabin Mathew SJCET Palai Jabin Mathew Software Development Center 20220422T10:46:0300:00
Prof. Jabin Mathew Assistant Professor Department of Artificial Intelligence and Data Science
Mobile Number: 91 9747702080 Email: jabinmathewsjcetpalai.ac.in Date Of Joing SJCET:
25112021 Education Experience Journal and Conference Publications Education SI.NoQualification
Institution Specialization 1 M.E Mahendra Engineering College for Women, Erode Computer
Science and Engineering 2 B. Tech University College of Engineering, Thodupuzha. Computer
Science and Engineering 3 Diploma Govt. Polytechnic College, Kumily, Kerala Computer
Engineering Experience SI.No Institution Position held Period 1 College of Engineering, Poonjar
Assistant professor 172008 to 3032012,172014 to 31032015 2 Govt.Engineeri ng College , Idukki
Assistant professor 772015 to 872021 3 SJCET, Palai Assistant professor 25112021 to till date
Journal and Conference Publications International Journal Publications SI. No Title of Paper 1 Jabin
Mathew, Ratheesh Kumar R , How to Evaluate the Security and Performance of an Image
Encryption System, International Journal of Scientific Research in Science, Engineering and
Technology IJSRSET, Online ISSN :23944099, Print ISSN : 23951990, Vol. 7 Issue 3, pp. 302311,
MayJune 2020. 2 Jabin Mathew, Ratheesh Kumar R, A Mathematical Interpretation of Images and
Image Encryption, International Journal of Mathematics Trends and Technology IJMTT, Vol. 66.6
2020:190194. 3 Jabin Mathew, Ratheesh Kumar R ,A System with 5level Security for Cloud Data
and a Comparison of AES and 3DES, International Journal of Advanced Research in Engineering
and TechnologyIJARET, Volume 11,Issue 6,june 2020,pp, 10461055 ISSN Print: 09766480 and
ISSN online: 09766499. International Conference SI. No. Details of the Conference 1 Presented a
paper entitled Image Encryption: Traditional Methods vs Alternative Methods,International
Conference on Computing Methodologies and CommunicationICCMC 2020 organized by Surya
Engineering College, Erode, Tamil Nadu, India during 1113, March 2020. 2 Presented a paper
entitledImage Annotation Based on Feature combinations, Third International Conference on

Competency Building Strategies in Bussiness and Technology for Sustainable development, February 2014. National Conference SI.No. Details of the Conference 1 Attended Image Annotation Based on Feature combinations, Second National Conference on Innovations in Computer Technology and communicationNCICTC2014 held at Easa College of Engineering and Technology, Coimbatore during February 2014 One Week FDPsSTTPs SI. No Details of the FDPSTTP Remarks 1 Attended a one week STTP on Research Methodology organized by the Department of Mechanical Engineering, Govt. Engineering College Idukki from 22nd to 26th June 2015. Sponsored by TEQUIP 2 Attended a one week FDP on Algorithms and Complexity organized by Department of Computer Science and Engineering, Govt. Engineering College Idukki from 28th to 31st December 2015 Sponsored by TEQUIP II 3 Attended a one week FDP on Advances in Natural Language Processing using Alorganized by Department of Computer Science and Engineering in association with computer society of India CSI ,Vimal Jyothi Engineering College ,Kannur from 14th to 18th March 2022. Sponsored by CSI 4 Attended a one week FDP on Computational Intelligence and BioInspired systems organized by Department of Computer Science and Engineering Rajagiri School of Engineering and Technology from 24th to 29th January 2022. Sponsored by IEEe

Jiss Mathew SJCET Palai Jiss Mathew Software Development Center 20240104T04:06:0300:00 Mr. Jiss Mathew Instructor Department of Electronics and Computer Engineering Mobile Number: 91 9746628874 Email: jisstthonakkaragmail.com Education Experience Education DegreeSpecializationInstitutionUniversityYear of Passing DIPLOMA Computer Hardware Maintenance Model Polytechnic College,Mattakkara Board of Technical Education 2005 BCA BCA IGNOU, KOCHI IGNOU 2018 MCA MCA IGNOU, KOCHI IGNOU 2018 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving M.G. University, KTM Hardware Engineer 17.01.2018 29.03.2023 Mangalam College of Engineering, KTM LAB Instructor Cum Computer Hardware Engineer 03.01.2011 16.01.2018 College of Applied Science,Puthuppally,KTM Technician Gr.II Computer Hardware 20.06.2007 22.12.2010 Rex InfosystemsP LTD, Pala Computer Hardware Engineer 02.05.2006 12.05.2007

Ivy Vincent SJ CET Palai Ivy Vincent Software Development Center 20230714T09:22:2300:00 Ms. Ivy Vincent Assistant Professor Department of Science and Humanities Mobile Number:9446305748 Email: ivyvincentsjcetpalai.ac.in Education Experience STTP FDP Conference Seminars Workshops Education Sl.No Qualification University Institution Year of passing Specialization 1 MSc Mahathma Gandhi University, Kottayam SB College Changanacherry 2015 Mathematics 2 BSc Mahathma Gandhi University, Kottayam Alphonsa College ,Pala 2013 Mathematics Experience Sl. No Name of the college Industry Designation Experience Years Months 1 KE College, Mannanam, Kottayam Assistant Professor on Contract 3 years STTP FDP Conference Seminars Workshops 1. AICTE Sponsored AQIS Training Programme on Outcome Based Education For Technical Institutions Phase II: Outcome Based Education Autonomy 2. UGC Sponsored National Seminar On Graph Theory Modelling 3. NBHM SERB sponsored National Seminar On Topics in Algebra 4. 1st International Conference on Sciences, Engineering, Technology and Social Sciences ICSETS 2017 5. 2nd International Conference on Sciences, Engineering, Technology and Social Sciences ICSETS 2018 6. 3rd International Conference on Sciences, Engineering, Technology and Social Sciences ICSETS 2019

Ivin Jose SJ CET Palai Ivin Jose Software Development Center 20230727T04:59:5300:00 Prof. Ivin Jose Assistant Professor Department of Mechanical Engineering Mobile Number: 9947087305 Email: ivinjosgmail.com Date of joining :09072012 Association with the institution: Regular Education Experience Memberships FDP STTP Attended Publications Funded Projects Education Sl.No Qualification University Institution Year of passing Specialization 1 B.Tech Kerala University TKM College of Engg. Kollam 2008 Mechanical Engineering 2 M.Tech NIT Calicut NIT Calicut 2012 Manufacturing Technology. Experience Sl. No Name of the college Industry Designation Experience Years Months 1 Amal Jyothi College of Engg. Kanjirappally Lecturer 1 year 1 Month Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE Life Membership LM 90201 FDP STTP Attended Sl. No Name of Training Workshop Year Date Duration Organizer 1 One day

Workshop on Climate change Artificial intelligence 7th September 2018 SJ CET, Palai 2 Two days Training on NBA accreditation 18th 19th June 2018 SJ CET, Palai 3 Seminar on Fundamentals and advances in Sheet metal forming technologies meeting the challenge to higher competitiveness 8th 9th March 2018 AJCE, Kanjirappally 4 Symposium on Materials characterization and quality control 12th 13th October 2017 AJCE, Kanjirappally 5 International conference RAEREST 16 22nd 23rd April 2016 SJ CET, Palai 6 Workshop on Pursue, Publish, Prosper 30th March 2016 ISTE Staff chapter SJ CET 7 Workshop on Frontiers of research in internal combustion engines 28th June. 2016 SJ CET Palai 8 FDP on Instructional design and delivery system 24th to 28th June 2013 SJ CET PALAI 9 FDP on Advanced Automobile Engineering May 17th 18th May 2013 SJ CET Palai 10 FDP on Entrepreneurship 20th May to 1st June 2013 AJCE, Kanjirappally 11 NMEICT ISTE workshop on Engineering Thermodynamics 2012, 2 weeks 11th Dec. 21st Dec. IIT Bombay SJ CET 12 Recent advances in Manufacturing Engineering 2019, 5 days APJAKTU SJ CET Pala 13 Recent Advances in Fuel Cells 2019, 5 Days APJAKTU SJ CET Pala 14 Paradigm Shift in Assessment and Evaluation Practices for Engineering Graduates 2020, 6 days Amal Jyothi College of Engineering Kanjirappally 15 KTU FDP: Additive Manufacturing and 3D Printing 2021, 3 days KTU, SJ CET Palai 16 Computer Integrated Manufacturing 09012023 13012023 NITTR CHENNAI 17 Scanning Electron Microscope 21112022 22112022 Amal Jyothi Publications

Sl. No	Title of the Paper	Name of the Conference/Venue	Date
1	Effect of discharge gap on EDM using desirability function analysis	Material Today Proceedings ELSEVIER	Volume 47, Part 15, 2021, Pages 53025307
2	Micro machining in ECDM process with tool modification	ICMMM 2017	10th March 2017 VIT University
3	Tool design and fabrication of hybrid electro discharge grinding setup for microchannels	CERD, APJ Abdul Kalam Technological University	Rs. 50000

Jiss Mohan K SJ CET Palai Jiss Mohan K Software Development Center 20240622T04:21:0500:00

Mr. Jiss Mohan K Assistant Professor Department of Electronics and Computer Engineering Mobile

Number: 9496802558 Email: jissmohankgmail.com Education Experience Memberships FDPSTTP

attended Invited Lectures Delivered FDPSTTP conducted Publications Education

Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G. St. Josephs

College of Engineering and Technology, Palai. 2007 Applied Electronics and Instrumentation

Engineering 2 M.Tech CUSAT College of Engineering, Chengannur. 2012 VLSI and Embedded

Systems Experience Teaching Experience : 7 years Sl. NoName of the

collegeIndustryDesignationExperience Years Months 1 Mar Baselios Christian College of

Engineering and Technology, Peermade, Idukki Assistant Professor 7 years Memberships Sl.

NoName of InstitutionType of MembershipMembership ID 1 Indian Society of Technical Education

Life Member FDPSTTP attended Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1

Control Systems Engineering and Design 0609 June 2017 Indian Institute of Space Science and

Technology, IIST Trivandrum 2 Automation and Control 0308 Oct.2016 College of Engineering,

Kidangoor 3 Environmental Studies through ICT 0212 June 2015 IIT Kharagpur, IIT Bombay, ISTE 4

Solid State Control of electrical drives through ICT 2125July 2014 NITTTR, Chandigarh 5 Control

System Design 0408 Dec. 2012 Indian Institute of Space Science and Technology, IIST Trivandrum

6 Advances in Image Processing 2026 Nov.2009 SJ CET, Palai Invited Lectures Delivered Sl.

NoTitle TopicYear DurationOrganizer 1 Control System Design Using MatLAB February 21, 2018

Mount Zion College of Engineering, Pathanamthitta. 2 State Space Analysis 1617 February, 2017

College of Engineering, Kidangoor FDPSTTP conducted Sl. NoTitle TopicDate DurationSponsors 1

Signal Processing and Control Systems SPCS 2014 January 5, 1900 Mar Baselios Christian

College of Engineering and Technology, Peermade, Idukki Publications International Conferences

Sl. No.Title of the PaperName of the ConferenceVenue Date 1 A Simple and Robust Strategy for

Background Removal from Brain MR Images RAREST 2018, Venue SJ CET April 1, 2018 2 Design

and Characterization of FPGA based Angular Accelerometer International Conference on

International Conference on Green Computing Communication and Electrical Engineering.

ICGCCEE 2014 Coimbatore, 0608 March 2014 3 Optimization of Incremental Optical Encoder Pulse Processing International Conference on Automation, Computing, Control, Communication and Compressed sensing iMac4s 2013 March 1, 2013 4 Devising Simulink Optical Encoder Pulse Manipulation and its Evaluation IEEE12th International Conference on Intelligent Systems Design and Applications ISDA 2012. Kochi, November, 2012 5 Modeling and Simulation of Mixed Mode Angular Velocity Estimation International Conference on Control Communication and Computer Technology ICCCT 2012. Hyderabad, October, 2012.

Gemini George SJCT Palai Gemini George Software Development Center
20210308T11:03:2600:00 Dr. Gemini George Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9747320622 Email: gemini.georgesjcetpalai.ac.in Date of Joining:22.07.2019 Education Experience Memberships Publications Research Development STTP Conference Seminars Achievements Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer Science and Engineering St.Josephs College of Engineering and Technology, Palai Mahatma Gandhi University, Kottayam 2009 M.Tech Computer Science and Engineering St.Josephs College of Engineering and Technology, Palai Mahatma Gandhi University, Kottayam 2014 PhD Computer Science and Engineering Indian Institute of Information Technology and Management KeralalIITMK, Technopark, Trivandrum Cochin University of Science and TechnologyCUSAT 2020 Experience Teaching: 2 years Research Experience: 4.5 years Memberships Name of the InstitutionMembership IDNo Indian Society for Technical EducationLife Member ACM Professional Membership ID:1000361 Publications George, Gemini, and Sabu M. Thampi. Combinatorial Analysis for Securing IoTAssisted Industry 4.0 Applications from Vulnerabilitybased Attacks IEEE Transactions on Industrial Informatics, SCI Impact Factor: 9.112, SJR: 2.345 George, Gemini, and Sabu M. Thampi. Vulnerabilitybased risk assessment and mitigation strategies for edge devices in the Internet of Things. Special Issue on Security and Privacy in Edge ComputingAssisted Internet of Things IoT Pervasive and Mobile Computing, Elsevier, Vol 59 2019: 101068, SCI, IF: 2.769 George, Gemini, and Sabu M. Thampi. A graphbased

security framework for securing industrial IoT networks from vulnerability exploitations. Special Section on Security and Trusted Computing for Industrial Internet of Things IEEE Access, Vol 6 2018: 4358643601, SCI, IF: 4.098 George, Gemini, and Sabu M. Thampi. A GraphBased Decision Support Model for Vulnerability Analysis in IoT Networks. International Symposium on Security in Computing and Communication. Springer CCIS 2018, Scopus Indexed, pp: 123. Best Paper Award George, Gemini, and Sabu M. Thampi. Securing Smart Healthcare Systems from Vulnerability Exploitations 7th International Conference on Smart City and Informatization iSCI 2019, Guangzhou, China, Springer CCIS, Scopus Indexed Nayan Thara Prakash, Mathew Santhosh, Sneha Raj M P, Gokul G and Gemini George. An Android Based Smart Home Automation System in Native Language 4th International Conference on Computing and Network Communication CoCoNet20 organized by Vellore Institute of Technology, Chennai, India, Oct 14-17 2020, Lecture Notes in Electrical Engineering Scopus Indexed Sheen Sabu, Minto Sunny, Sen Shaji, Udith Uthaman and Gemini George. DeployWeb Hosting using Docker Container 4th International Conference on Computing and Network Communication CoCoNet20 organized by Vellore Institute of Technology, Chennai, India, Oct 14-17 2020, Lecture Notes in Electrical Engineering Scopus Indexed Smart Ad Hoc Networks: An Evaluation of Performance of Sensing Techniques is published in International Journal of Advanced Research in Computer Science, 2014. A Novel Algorithm for Smart Networks under Selfish Attack accepted and presented in National Conference on Technological Trends, College of Engineering Trivandrum, Aug 2014, Trivandrum, India. MAC Layer Sensing Algorithms for Smart Networks accepted and presented in National Conference on Computing and Communication, Government Engineering College Idukki, March 2014, Painavu, India. Performance Analysis of Opportunistic Channel Access Technique for Ad hoc Networks accepted and presented in National Conference on Recent Advances in Computer Science and Information Engineering, SJCT Palai March 2014, Palai, India. Research Development Recipient of Women Scientist research grant amount of INR 18.36 lac. PhD fellowship from DST Department of Science Technology, Government of India. Sanction order No. SRWOSAET972016 G Dated: 27/03/2017. Recipient of DISHA Award of INR. 50,000 for purchase of equipment. Sanction order No. SRWOSA

ET972016 C Dated: 17112016 Recipient of best paper award for the manuscript titled A Graphbased Decision Support Model for Vulnerability Analysis in IoT networks in the Sixth International Symposium on Security in Computing and Communications SSCC18, Springer CCIS, held at Bengaluru during Sep 2018. STTP Conference Seminars Completed a 12 week STTP on Scientific Computing with Python from 9th to 20th November 2020 organised by the department of Electronics and Communication Engineering, Rajiv Gandhi Institute of Technology, Kottayam and sponsored by Technical Education Quality Improvement Programme TEQIP Completed an NPTEL certification course on Introduction to Research Attended a one week FDP on Convex Optimization at IISC Bangalore Attended a 3day National Workshop, Machine Learning for Cybersecurity MLC18, Organized by : CRICTR, IIITMK, Date: 1719 December 2018 Attended a 2day Workshop IoT Simulators: Contiki OS and Cooja, Organized by : IIITMK, Date: 910 December 2018 2day National Workshop Women in CyberSecurity Research WCR18, Organized by : CRICTR, IIITMK and ACM Trivandrum Professional Chapter with IEEE Communication Society Kerala Chapter, Date: 2526 May 2018 3day National Workshop, Artificial Intelligence and Deep learning Workshops, Organized by : Saintgits College of Engineering, NVIDIA Deep Learning Institute, Bennet University, Date: 2527 June 2018 Achievements Recipient of Women Scientist research grant amount of INR 18.36 lac. PhD fellowship from DST Department of Science Technology, Government of India. Recipient of DISHA Award from DST. Recipient of best paper award for the manuscript titled A Graphbased Decision Support Model for Vulnerability Analysis in IoT networks in the Sixth International Symposium on Security in Computing and Communications SSCC18, Springer CCIS, held at Bengaluru during Sep 2018. Served as reviewer for IEEE Transactions on Industrial Informatics Served as reviewer for IET Journal for Security Served as reviewer for Open Access journal IEEE Access Reviewer for many international conferences. Delivered a talk at the FDP session conducted at Marian College of Engineering Trivandrum. Coordinator of a workshop on Machine Learning for Cybersecurity MLC 18 at IIITMK, Technopark, Trivandrum. Volunteered a workshop on Women in Cybersecurity Research WCR at IIITMK, Technopark, Trivandrum. Qualified GATE 2016. Score :

Jipson Mathew SJCET Palai Jipson Mathew Software Development Center
20190112T09:31:5200:00 Mr. Jipson Mathew Instructor Department of Mechanical Engineering
Qualification:Diploma Date of joining: 912003 Nature of Association: Regular

Jitin Jacob SJCET Palai Jitin Jacob Software Development Center 20190116T06:20:5100:00 Prof.
Jitin Jacob Assistant Professor Department of Civil Engineering Mobile Number: 91 9633388389
Email: jitin.jacobsjcetpalai.ac.in Date of Joining:01082018 Nature of association:Contract Education
Experience Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech
M.G. University Saint GITS College of Engineering and Technology 2012 Civil Engineering 2
M.Tech M.G.University SJCET Palai 2016 SECM Structural Engineering and Construction
Management Experience Date of joining SJCET : 01082018 Present status : Assistant Professor
Previous Experience Industrial Experience : 3 years in Construction Industry Teaching Experience :
From 01082018 till now Sl. NoName of the collegeIndustryDesignationExperience Years Months 1
Prime Builders and Architects Site Engineer 2 years 2 Chaitanya Constructions Site Engineer 1 year
2 months 3 St. Joseph College of Engineering and Technology, Palai Assistant Professor From
01082018 till now

Jaya John SJCET Palai Jaya John Software Development Center 20220512T11:17:5000:00 Ms.
Jaya John Assistant Professor Department of Computer Science Engineering Mobile Number: 91
9744563355 Email: jayaq157gmail.com Education Experience Journal and Conference Publications
FDP Professional Training Programs Achievements Education
Sl.NoQualificationUniversitySpecialization 1 MPhil CUSAT Computer Science 2 M.E Anna
University Chennai Computer Science Engineering 3 B. Tech MG University Information Technology
Experience Sl. No.InstitutionPositionPeriod 1 VIMAL JYOTHI ENGINEERING
COLLEGE,CHEMPERI Assistant professor JULY 2012 AUGUST 2014 2 COLLEGE OF
ENGINEERING CHERTHALA Assistant professor AUGUST 2018 MAY 2019 3 COLLEGE OF

ENGINEERING CHERTHALA Assistant professor AUGUST 2019 MARCH 2020 Journal and Conference Publications International Journal Publications Published the paper titled, Estimating Missing Values Using Mixture Kernel Regression in the June 2012 edition of IJCAES. National Conference Presented a paper entitled An Analytic Approach Towards Internet Protocol Transmission Methods Version 4 to Version 6, National Conference on Advanced Trends in Engineering and Technology organized by the Dept. of EEE of Vimal Jyothi Engineering College, Chemperi, 09/11/2012. FDP Attended FDP on ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Organized By Department of Computer Science Engineering, Sree Narayana Gurukulam College of Engineering, from 17th to 19th March 2022. Attended FDP on Data Science Machine Learning using Python organized by Division of Information Technology, School of Engineering, Cochin University of Science and Technology from 3rd August to 7th August 2020. Attended FDP on CYBER SECURITY organized by St. Thomas College of Engineering, Chengannur from 9th July to 11th July 2020. Attended FDP on Outcome Based Education organized by College of Engineering Cherthala from 18th December to 19th December 2019. Attended Faculty Development Programme on Blockchain sponsored by AICTE training and Learning ATAL Academy at College of Engineering, Cherthala, from October 14 to 18, 2019. Attended Faculty Development Programme on Teaching Learning Methodologies in Engineering An OBE Approach conducted by Teaching Learning Centre IIT Madras and cosponsored by Indian Society for Technical Education ISTE Kerala Section at Carmel Engineering College Alappuzha, from 11/07/2019 to 13/07/2019. Attended FDP on JAVA combinedly organized by Oracle Academy and ICT Academy of Kerala at College of Engineering Chengannur, from 07/01/2019 to 11/01/2019. Attended Workshop on BRAIN, COMPUTATION AND LEARNING organized by Indian Institute of Science, Bangalore, Jan 2018. Attended National Workshop on Technologies and Tools for Scientific Research organized by University of Kerala, Kariavattom, Thiruvananthapuram, September 2017. Professional Training Programs Completed online Training on Web development organized by internshala Certified Software Developer .NET Track. Achievements Have Qualified UGC NET November 2017, Roll No. 37004243.

Joby George SJCET Palai Joby George Software Development Center 20190117T12:07:0100:00
 Mr. Joby George Surveyor Department of Civil Engineering Mobile Number: 91 9947043450
 Email:jobyarimattomgmail.com Date of Joining: 22092009 Nature of association: Regular Education
 Experience Staff Development Programme Education Sl.NoQualificationUniversityInstitutionYear of
 passingSpecialization 1 S.S.L.C Kerala Board of Examination K.T.J.M. H.S.S Edamattom 1997
 State 2 Pre Degree M.G University Georgian College, Erattupetta 1999 Humanities 3 I.T.I N.C.V.T
 Mar Ivanios I.T.C. Seethathodu 2001 Surveyor Experience Sl. NoName of the
 IndustryDesignationExperience Years Months 1 Theovel Survey Bangalore Surveyor 5Years Staff
 Development Programme Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Basic
 First Aid Training 2018 Arbit Safety and Engineering Solution Pvt. Ltd 2 Assist Network Coordinator
 ISTE Workshop 2013 IIT Bombay 3 ISO 9001: 2015 Awareness 2018 Zandig TQM Solutions Pvt.
 Ltd

Georgeena Mary George SJCET Palai Georgeena Mary George Software Development Center
 20230714T08:43:3800:00 Ms. Georgeena Mary George Assistant Professor Department of Science
 and Humanities Mobile Number: 9747493323 Email:georgeenamarysjcetpalai.ac.in Date of joining:
 02072009 Nature of association: Regular Education Membership STTPFDP Conference
 SeminarsWorkshops Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization
 1 M.Phil University Of Madras Chennai Stella Maris College Chennai 2008 Pure Mathematics 2
 M.Sc University Of Madras Chennai Stella Maris College Chennai 2007 Pure Mathematics 4 B.Sc M
 G University Alphonsa College Pala 2005 Mathematics Membership Sl. NoName of InstitutionType
 of Membership 1 ISTE LIFE Member STTPFDP Conference SeminarsWorkshops Online FDP on
 Mathematics for Engineering Research conducted by Department of Mathematics Basic science,
 Sree Buddha College of Engineering Pattoor 10082020 to 14082020. FDP on Advanced
 Optimisation Techniques SJCET Palai funded by KTU 30012023 to 03022023

Jameskutty Zacharias SJ CET Palai HomeJameskutty Zacharias Jameskutty Zacharias Software Development Center 20190112T10:00:2400:00 Mr. Jameskutty Zacharias Trade Instructor Department of Mechanical Engineering Qualification: ITI Date of joining: 12092002 Association with institution: Regular

Ginu Ann George SJ CET Palai Ginu Ann George Software Development Center 20231025T05:09:4700:00 Dr. Ginu Ann George Associate Professor HoD Department of Electrical Electronics Engineering Mobile Number: 91 9562035929 Email:ginusjcetpalai.ac.in Date of Joining: 18042006 Appointment: Permanent Education Experience Memberships Publications Awards and Recognitions Interactions with Outside World Training Programmes Attended MOOC Courses Research Supervisor Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Anna University Chennai CSI College of Engineering Ketti. 2005 Electrical and Electronics Engineering 2 M.Tech M G University Kottayam Govt. RIT Kottayam 2011 Industrial Drives Control 3 Ph.D APJ Abdul Kalam Technological University Govt. RIT Kottayam 2022 Battery Management System Experience Sl. NoName of the CollegeIndustryDesignationExperience 1 St. Josephs College of Engineering and Technology, Palai Assistant Professor 16 years 2 St. Josephs College of Engineering and Technology, Palai Associate Professor 01092022 onwards. Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 The Indian Society for Technical Education LIFE MEMBER LM 52505 2 IEEE Young Professional 95242862 Publications Journals Ginu Ann George, Mary Chacko Fossy, A. Prince, M.V. Jayan, Sunil P.R. Kumar Charge equalisation of electric vehicle battery system using intelligent controller International Journal of Vehicle Design ,2022, DOI: 10.1504IJVD.2022.10050920. George, Ginu Chacko, Fossy Prince, Asok Jayan, M. 2020 Integrated fuzzybased modular cell balancing using mono circuitry for electric vehicle applications. Electrical Engineering., 2020. DOI:10.1007s00202020010686. Chacko, F.M., George, G.A., Jayan, M.V., Prince, A. Improved multifunctional controller for power quality enhancement in grid integrated solar photovoltaic systems World Journal of Engineering, 2020, 174, pp. 585598 Ginu Ann George, Fractional Open Circuit Voltage Controlled Converter based

Thermoelectric Generator, IARJSET 2015, ISSN 23941588 Ginu Ann George, High Step Up Converter for Residential Power Generation System ,IARJSET 2015, ISSN 23941588. Ginu Ann George, High Frequency Fed Unity Power Factor ACDC Converter for Wireless Power Transfer Applications IJIREEICE 2015, ISSN 23215526 Book Chapters Ginu Ann George , Tomson Thomas, Prince A, Jayan M.V, Charge Equalization of Battery System Considering State of Charge Variations in Electric Vehicle Application, Advanced Aspects of Engineering Research Vol. 10, 29 April 2021 , Page 2633, ISBN 9789390888856 Tomson Thomas, Anoopraj M. R., Prince A., Ginu Ann George 2021, An introduction to wind energy conversion system with low voltage ride through capability, Advanced Aspects of Engineering Research, Book Publisher International. ISBN: 9789390149841 Print, 9789390149858 eBook Conference Publications Arya Sreekumar, A. Prince, Ginu Ann George, An improved Regenerative Braking and Drive Cycle Analysis of BLDC Motor for Electric Vehicles Using Fuzzy Logic, Smart Energy and Advancement in Power Technologies, Lecture Notes in Electrical Engineering 927, George, G.A., Jayan, M.V., Chacko, F.M., Prince, A. Novel Single Balancing Circuitry for Modular Cell for Electric Vehicle Applications Lecture Notes in Electrical Engineering, 2021, 673, pp. 835846 George, G.A., Prince, A., Jayan, M.V. Modular battery charge equalization circuit based on state of charge for electric vehicle application IOP Conference Series: Materials Science and Engineering, 2018, 3961, 012052, pp 17. Awards and Recognitions Member, Board of Studies of Electrical Engineering Department, APJ Abdul Kalam Technological University for the period 2021-2023 Interactions with Outside World Talk on Proper use of household appliances conducted by Energy Club Post Graduate Department of Physics, St. Josephs College for women, Alappuzha on 14-11-2022 An expert Session on BMS in Electric Vehicle was delivered in the AICTE sponsored online Faculty Development Programme on Renewable Energy and Power Electronics for Electric Vehicle Applications organised by RIT on 26th May 2021 Reviewer of the contributory paper submitted to Track Third edition of 2020 International Conference on Power Instrumentation Control and Computing PICC 2020 conducted at Government Engineering College Trissur on 17th-19th December 2020 Manuscript entitled OnLine Fault Location of Transmission System Based on Synchrophasor Measurements has reviewed for Universal Journal of Electrical

and Electronic Engineering. Horizon Research Publishing cooperation, USA. A Conference Session was chaired on Power Quality in the International Conference RAEREST 16 organised by SJCTET, Palai, during 22nd and 23rd April 2016 Training Programmes Attended One week faculty development program on Recent Trends in Grid Integration organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering from 30012023 to 03022023. 5 day Face to Face UHVII FDP organised by AICTE at Mar Baselios College of Engineering and Technology, Trivandrum from 29th August to 2nd September 2022 National level Faculty Development Programme on Emerging Trends in Power, Energy and Control conducted by the department of Electrical and Electronics Engineering of Muthoot Institute of Technology and Science during 22nd 27th August 2022 One week AICTE sponsored short term training programme on Guidance and Counselling from 08022021 to 13022021 organised by St. Josephs College of Engineering and Technology. Palai One week workshop on Inculcating Universal Human Values in Technical Education during 1923 October 2020 organised by AICTE Elearning Programme Power System Earthing, April 14, 2020 Capability Development, TATA Steel National Level workshop on Research Opportunities in Power Electronics for Power Engineers February 28, 2020, held at Sri Ramakrishna Engineering College, Coimbatore Twoday Competency Improvement Programme on Electric and Hybrid Vehicle Engineering held on 15032019 to 16032019 organised by College of Engineering, Aranmula One week short term training programme on Design and Development of Power Converters for Renewable Energy Applications from 03122018 to 07122018 by the department of Electrical and Electronics Engineering, Saintgits College of Engineering, Kottayam ISTE sponsored One day workshop on Research Methodology Writing Effective Research Articles held on 28022018 at Mangalam College of Engineering, Ettumanoor TEQIP sponsored faculty training programme on Control of Electric Drives organized by the Electrical and Electronics Engineering Department, RIT Kottayam held from 01022018 to 06022018 AICTE sponsored FDP on Research Perspectives on Solar and Wind Energy Systems from 15012018 to 27012018 at RIT, Kottayam. National workshop on Real Time Simulation in Electric Domain on 26092017 organised by Department of Electrical and Electronics Engineering, NIT, Calicut Twoweek ISTE STTP on

Electric Power System conducted by IIT Kharagpur from 10072017 to 15072017 at SJCET, Palai

TEQIP Phase II sponsored STTP on Electrical System Design held from 13032017 to 15032017 RIT, Kottayam

TEQIP Phase II sponsored STTP on Applications of Control Theory in Industrial Automation and Drives held from 20022017 to 25022017 organised by Department of Electrical and Electronics Engineering RIT, Kottayam

TEQIP sponsored Research Colloquium on Power Quality and Renewable Energy held on 17022017 organised by Department of Electrical and Electronics Engineering, RIT, Kottayam

Oneweek STTP on LATEX and SAGE from 16012017 to 21012017, organised by Department of Mathematics, RIT, Kottayam

Oneweek STTP on Linear and Nonlinear Control Techniques for Engineering Applications from 26092016 to 1102016 at RIT, Kottayam

Twoweek ISTE workshop on Technical Communication from 08102015 to 05122015 organised by SJCET, Palai

conducted by IIT Bombay

Two week ISTE STTP on Introduction to Design of Algorithms 25052015 to 30052015 organised by SJCET, Palai

conducted by IIT Kharagpur

Twoweek ISTE workshop on Control Systems from 2122014 to 12122014 organised by SJCET, Palai

conducted by IIT Kharagpur.

Five days workshop on Outcome based Accreditation Process on 7th June, 25th to 28th June 2014 organised by the NBA New Delhi at Saintgits College of Engineering, Kottayam.

NITTTR sponsored, AICTE recognized STTP on Solid State Control of Electric Drives through ICT from 21072014 to 25072014 conducted by the Department of Electrical and Electronics Engineering SJCET, Palai

Workshop on Formulating and Evaluating Course Outcomes in Engineering Education on 10022014 to 11022014 sponsored by TEQIP II and organised by the Department of Electrical and Electronics Engineering, College of Engineering, Kidangoor

Workshop on FEEL Teacher Learning and Development Intervention conducted from 12122013 to 14122013 at SJCET, Palai

Oneweek STTP on Smart Power Electronic Controllers using Programmable logic devices held from 19112013 to 23112013 organised by the Department of Electrical and Electronics Engineering, RIT, Kottayam

Two day workshop on Simulation of Control System using Matlab held during October 17th and 18th 2013 sponsored by TEQIP II and organised by the Department of Electrical and Electronics Engineering, College of Engineering, Kidangoor

One day ISTE sponsored workshop on Creative Teaching on May 10, 2013 Amal

Jyothy College Engineering, Kanjirappaly Oneweek STTP programme on Electronics Education A System Approach held during 02052011to 06052011 organised by the Electronics and Communication Engineering Department, SJCET, Palai ISTE sponsored two day workshop on Technical Analysis Tools on 06082010 to 07082010 organised by the Mechanical Engineering Department, SJCET, Palai NITTTR sponsored workshop on outcome based Accreditation Process 28 062007to 30062007, organised by SJCET, Pala Two week AICTE staff development programme on Power Quality Issues and Solutions conducted from 11062007 to 23062007 at NIT, Calicut A short term course on Teaching Excellence and Methodologies from 22052006 to 27052006 at GEC, Thrissur organised by ISTE Kerala section. MOOC Courses 12 weeks NPTEL Course on Fuzzy Sets Logic and Systems Applications organised by IIT Kanpur funded by the MoE, Govt. of India from 23012023 to 14042023 8 weeks NPTEL Course on Power Quality Improvement Technique organised by IIT Roorkee funded by the MoE, Govt. of India from 23012023 to 17032023 8 weeks NPTEL course on Accreditation and Outcome based Learning organised by IIT Kharagpur funded by the MoE, Govt. of India from 01072021 to 01092021 8week online course by IIT Guwahati on Electric Vehicle Technology during February March 2017 Research Supervisor Research Supervisor of APJ Abdul Kalam Technological University. Research Area: Electric Vehicle Battery Management System, Soft Computing Techniques, Power Electronics

Joice Ruby Sen SJCET Palai Joice Ruby Sen Software Development Center 20190116T09:52:3100:00 Prof.Joice Ruby Sen Assistant Professor Department of Science and Humanities Mobile Number:9495206316 Email:joicerubysengmail.com Education Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 M. Sc Mahatma Gandhi University St. Thomas College Pala 2016 Pure Chemistry 2 B. Ed. Mahatma Gandhi University St. Thomas College of Teacher Education Pala 2018 Physical Science

Jojin Thomas SJCET Palai Jojin Thomas Software Development Center 20230823T09:26:5800:00 Prof. Jojin Thomas Assistant Professor Department of Electrical Electronics Engineering Mobile

Number: 91 9496803728 Email: jojinthomassjcetpalai.ac.in Date of Joining: 10012011 Appointment:
 Permanent Education Experience Memberships Publications Training Programmes Attended
 Training Programmes Organized TrainingWorkshops MOOC Courses FDP Research Interests
 Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Calicut
 University Jyothi Engg. College, Cheruthuruthy 2006 Electrical and Electronics 2 M.Tech Mahatma
 Gandhi University Rajiv Gandhi Institute of Technology, Kottayam 2010 Industrial Drives and Control
 Experience Industrial Experience : 6 months St. Josephs College of Engineering and Technology,
 Palai: Assistant Professor: 10012011 onwards. Memberships Sl. NoName of InstitutionType of
 MembershipMembership ID 1 Indian Society for Technical Education Lifetime LM 90144 2 IEEE
 Professional Member 93004714 Publications Conference Publications Thomas, M. Ramesh and A.
 Venkadesan, Performance Analysis of a Single Phase Integrated Charger for Electric Vehicles,
 2022 IEEE 19th India Council International Conference INDICON, Kochi, India, 2022, pp. 16, doi:
 Thomas, M. Ramesh and A. Venkadesan, Analysis of a Single Phase Integrated Charger for EVs
 using Hysteresis based Control Strategy, 2023 1st International Conference on Recent Trends and
 Innovations in Sustainable Electrical Energy Systems RISEE, India, 2023. Training Programmes
 Attended 12 days workshop on DCS Fundamentals, Engineering Maintenance organized by
 Yokogawa India Limited at Yokogawa, Bangalore from 03032008 to 14032008. 3 days workshop on
 Prosafe RS PLC Overview organized by Yokogawa India limited at Yokogawa, Bangalore from
 17032008 to 19032008. 1 day workshop on Programmable Logic Controllers organized by RIT,
 Kottayam on 25th May 2009. 1 week industrial training at HMT Machine Tools Limited from
 01122009 to 15122009. 6 days ISTE induction training on Teaching Excellence Methodologies at
 GEC, Trichur from 27062011 to 02072011. 1 month workshop on PIC Microcontroller Programming
 8F Series at RIT, Kottayam from 01072009 to 31072009. 9 days industrial training at RUBCO from
 16122009 to 24122009. 5 days industrial training at Hykon Power Electronics P Ltd. From 11012010
 to 15012010. 5 days industrial training at Southern Railway from 04012010 to 08012010. 5 days
 STTP on Research Domains in Power Electronics Power Systems organized by AJCE, Kanjirappally
 from 26052011 to 30052011. 5 days training on Train the Trainer organized by Infosys, Bangalore

from 01062011 to 05062011. 1 month workshop on Software Development Techniques for Teachers of Engineering Science Institutes at SJ CET, Palai from 05112011 to 04122011. 5 days ISTE induction training program on Teaching Excellence and Methodologies for Teachers of Engineering Colleges organized by GEC, Trichur from 27062011 to 02072011. 2 days workshop on Akash for Education organized by IIT, Bombay at SJ CET, Palai from 10112012 to 11122012. 11 days workshop on Analog Electronics organized by IIT, Kharagpur at SJ CET, Palai from 04062013 to 14062013. 3 days workshop on Feel Teacher at SJ CET, Palai from 12122013 to 14122013. 5 days workshop on Solid State Control of Electric Drives through ICT organized by NITTTR, Chandigarh at SJ CET, Palai from 21072014 to 25072014. 5 days workshop on Control Systems organized by IIT, Kharagpur from 15092014 to 19092014. 6 days workshop on Introduction to Design of Algorithms organized by IIT, Kharagpur at SJ CET, Palai from 25052015 to 30052015. 5 days tailor made course on Solar PV Electrical Systems organized by ANERT, Govt. of Kerala at APEX HITECH Institute, Bengaluru from 22052017 to 26052017. 5 days ISTE STTP on Guidance and Counselling at SJ CET, Palai from 04122017 to 08122017. 1 day workshop on ISO 9001:2015 Awareness organized by ZANDIG TQM SOLUTIONS PVT LTD at SJ CET, Palai on 28062018.

Training Programmes Organized

Coordinator of Oneweek STTP on Solid State Control of Electric Drives conducted by NITTTR Chandigarh Under the National Mission on Education through ICT MHRD, Govt. of India at St. Josephs College of Engineering and Technology, Palai from 21st July to 25th July 2014.	Coordinator of Twoweek ISTE workshop on Control System conducted by IIT Kharagpur under the National Mission on Education through ICT MHRD, Govt. of India at St. Josephs College of Engineering and Technology, Palai from 2nd to 12th December 2014.
training on Solar Study Lamp Assembly IIT Bombay MOOC 01 May 2019 to 31 Dec 2019 12 Week	Electric Vehicles Part 1 IIT Madras MOOC February March 2019 4 Week
Introduction to programming in C IIT Madras MOOC July September 2019 8 Week	Programming for Everybody Getting Started with Python University of Michigan MOOC 04042020 7 Week
Python Data Structures University of Michigan MOOC 08042020 7 Week	Introduction to Programming with

MATLAB Vanderbilt University MOOC 21042020 9 Week Programming Fundamentals Duke University MOOC 10052020 4 Week Python Basics University of Michigan MOOC 11052020 4 Week MOOC Courses 12 weeks Handson training on Solar Study Lamp Assembly organized by IIT Bombay from 01052019 to 31122019. 4 weeks course on Electric Vehicles Part 1 organized by IIT, Madras during February March 2019. 8 weeks course on Introduction to programming in C organized bu IIT, Madras during July September 2019. 7 weeks course on Programming for Everybody Getting Started with Python organized by University of Michigan on 04042020. 7 weeks course on Python Data Structures organized by University of Michigan on 08042020. 9 weeks course on Introduction to Programming with MATLAB organized by Vanderbilt University on 21042020. 4 weeks course on Programming Fundamentals organized by Duke University on 10052020. 4 weeks course on Python Basics organized by University of Michigan on 11052020.

FDP Sl. No.	Name of the Course	Organizing Institute	Venue	Date	Duration
1	DCS Fundamentals, Engineering Maintenance	Yokogawa India Limited	Yokogawa, Bangalore	03032008 to 14032008	12 Days
2	Prosafe RS PLC Overview	Yokogawa India Limited	Yokogawa, Bangalore	17032008 to 19032008	3 Days
3	Programmable Logic Controllers	RIT, Kottayam	RIT, Kottayam	May 25, 2009	1 Day
4	Industrial Training	HMT Machine Tools Limited	HMT Machine Tools Limited	01122009 to 15122009	7 Days
5	Induction Training Programme on Teaching Excellence Methodologies	ISTE GEC, Trichur	ISTE GEC, Trichur	27062011 to 02072011	6 Days
6	PIC Microcontroller Programming 8F Series	RIT, Kottayam	RIT, Kottayam	01072009 to 31072009	1 Month
7	Industrial Training	RUBCO	RUBCO	16122009 to 24122009	9 Days
8	Industrial Training	Hykon Power Electronics P Ltd.	Hykon Power Electronics P Ltd.	11012010 to 15012010	5 Days
9	Industrial Training	Southern Railway	Southern Railway	04012010 to 08012010	5 Days
10	Research Domains in Power Electronics Power Systems	AJCE, Kanjirappally	AJCE, Kanjirappally	26052011 to 30052011	5 Days
11	Train the Trainer	Infosys, Bangalore	Infosys, Bangalore	June 1, 2011	5 Days
12	Software Development Techniques for Teachers of Engineering Science Institutes	SJCET, Palai	SJCET, Palai	05112011 to 04122011	1 Month
13	Induction Training Program on Teaching Excellence and Methodologies for Teachers of Engineering Colleges	ISTE GEC, Trichur	ISTE GEC, Trichur	27062011 to 02072011	5 Days
14	Akash for Education	IIT, Bombay	IIT, Bombay		

SJCET, Palai 10112012 to 11122012 2 Days 15 Analog Electronics IIT, Kharagpur SJCET, Palai 04063013 to 14062013 11 Days 16 Feel Teacher SJCET, Palai SJCET, Palai 12122013 to 14122013 3 Days 17 Solid State Control of Electric Drives through ICT NITTTR, Chandigarh SJCET, Palai 21072014 to 25072014 5 Days 18 Control Systems IIT, Kharagpur IIT, Kharagpur 15092014 to 19092014 5 Days 19 Introduction to Design of Algorithms IIT, Kharagpur SJCET, Palai 25052015 to 30052015 6 Days 20 Tailor Made Course on Solar PV Electrical Systems ANERT, Govt. of Kerala PEX HI TECH INSTITUTE, BENGALURU 22052017 to 26052017 5 Days 21 Guidance and Counselling ISTE STTP SJCET, Palai 04122017 to 08122017 5 Days 22 ISO 9001:2015 Awareness ZANDIG TQM SOLUTIONS PVT LTD SJCET, Palai June 28, 2018 1 Day 23 Handson training on Solar Study Lamp Assembly IIT Bombay MOOC 01 May 2019 to 31 Dec 2019 12 Week 24 Electric Vehicles Part 1 IIT Madras MOOC February March 2019 4 Week 25 Introduction to programming in C IIT Madras MOOC July September 2019 8 Week 26 Programming for Everybody Getting Started with Python University of Michigan MOOC 04042020 7 Week 27 Python Data Structures University of Michigan MOOC 08042020 7 Week 28 Introduction to Programming with MATLAB Vanderbilt University MOOC 21042020 9 Week 29 Programming Fundamentals Duke University MOOC 10052020 4 Week 30 Python Basics University of Michigan MOOC 11052020 4 Week Research Interests Power Electronics, Electric Vehicle Charging Infrastructure, Renewable Energy and Power Quality, etc.

Jeena Maria Sebastian SJCET Palai Jeena Maria Sebastian Software Development Center 20240903T06:10:5800:00 Prof. Jeena Maria Sebastian Assistant Professor Department of Computer Applications Mobile Number: 8281757760 Email: jeenamariasebastiansjcetpalai.ac.in

Date	of	Joining:	01072024	Education	Experience	Education
SL.NO	Qualification	University/Institution	Year of Passing	Specialization	1	Graduation Mahatma Gandhi SD College Kanjirappally 2007 Mathematics B.Sc Maths
2	Post Graduation	Mahatma Gandhi Marian College Kuttikkanam	2010	MCA	Experience	Sl. No
Name of the college	Industry	Designation	Experience	Years	Months	1
Excel Wings Software Solutions	Ernakulam					

ASE 2 years 2 Orbit IT Solutions Ernakulam ASE 1 year

Hareesh Sasi SJ CET Palai Hareesh Sasi Software Development Center 20240816T01:28:4500:00
Prof.Hareesh M.S Assistant Professor Department of Science and Humanities Mobile
Number:9496804404 Email: hareeshsjcetpalai.ac.in Date of Joining: 10012019 Nature of
association: Regular Education Experience STTPFDP Conference SeminarsWorkshops attended
Education Sl. NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Sc. Mahatma
Gandhi University St. Thomas College Pala, Kerala. 2008 Physics 2 M. Sc. Mahatma Gandhi
University St. George College, Aruvithura 2010 Pure Physics 3 B. Ed. IGNOU MES College, Aluva
2017 Physical Science Experience Teaching Experience : Lecturer in Physics HSS for 7 years Sl.
No Name of the college Designation Experience Years 1 Girideepam Bethany HSS HSST 7 Years
STTPFDP Conference SeminarsWorkshops attended FDP Scanning Electron MicroscopeAmal
Jyothi, Nov 21,22 Of 2022 FDP Photonics AICTE 37 of Nov 2020 STTP Outcome Based Education
for Technical Instructions RSET 1621 of Nov 2020 STTP Guidance Counselling 1 SJ CET, 1217 of
October 2020 STTP Guidance Counselling 2 SJ CET, 712 of December 2020 Workshop Research
Methodology Publication Ethics 21 March 2023

Girinath B SJ CET Palai Girinath B Software Development Center 20230726T09:38:0100:00 Dr.
Girinath B Assistant Professor Department of Mechanical Engineering Mobile Number: 8281942767
Email:girinathbalagmail.com Date of joining SJ CET:16042012 Association with the institution:
Regular Education Experience Membership FDPSTTP Attended Publications Education Sl.No
Qualification University Institution Year of passing Specialization 1 B.E Bharathidasan University,
Trichy Anjalai Ammal Mahalingam Engg. College. Thiruvavur Dt. 2004 Mechanical 2 M.E Anna
University Govt. College of Technology, Coimbatore. 2008 Engg. Design 3 Ph.D QIP NIT, Trichy
NIT, Trichy 2020 Welding Experience Sl. No Name of the collegeIndustry Designation Experience
Years Months Sastra University, Thanjavur, Tamilnadu Assistant Professor II 01 YEAR 2. Mets
School of Engineering, Mala, Kerala Assistant Professor 07 MONTHS 3. St. Josephs College of

Engineering and Technology, Pala, Kerala Assistant Professor 16042012 onwards. Membership Sl. No Name of Institution Type of Membership Membership ID International Association of Engineers IAENG IAENG 190075 FDPSTTP Attended Sl. No Name of TrainingWorkshop Year Date Duration Organizer 1 Training on Intellectual property Innovation management in knowledge era October 30 31, 2007 Dept. of Mechanical Engg. GCT, Coimbatore 2 Excellence in Technical Education Role of Faculty Empowerment October 24 25, 2011 ISTE Chapter, METS School of Engg. Mala, Thrissur. 3 Two week ISTE Workshop on COMPUTATIONAL FLUID DYNAMICS 12th to 22nd June, 2012 IIT Bombay 4 Two week ISTE Workshop on ENGINEERING THERMODYNAMICS 11th to 21st December, 2012 IIT Bombay 5 FDP on Advanced automobile engineering. 17th and 18th may 2013 Dept. of Mechanical Engg. SJ CET, Pala. 6 Advancements in Welding Technology 18th December, 2015 Dept. of Metallurgical and Materials Engg. NIT Trichy. 7 Research Scopes in Micro Engineering 28th to 30th April, 2016 Dept. of Mechanical Engg. NIT Trichy. 8 Research Trends in Mechanical Engineering 29th Aug 2016 to 03rd Sep 2016 Dept. of Mechanical Engg. NIT Trichy. 9 Design and Analysis of Mechanical Systems DAMS 19th to 24th December, 2016 Dept. of Mechanical Engg. NIT Trichy. 10 Recent Advancements in solidification thermodynamics and studying hot cracking in fusion welding. 03rd May 2017 University of Leicester U.K NIT Trichy. 11 Modelling, simulation and product design practices in engineering. 03rd to 8th July, 2017 Dept. of Mechanical Engg. NIT Warangal. 12 Welding Metallurgy and Weldability of NonFerrous Alloys 11th to 15th December, 2017 IIT Madras GIAN Course 13 Design and Analysis of Mechanical systems 2019,6 days National Institute of Technology Trichy 14 Workshop on NBA Accreditation 2020,1 day Marian International Institute of Management Kuttikkanam 15 Research Aspects on Deep Learning in image and video Processing 2020,6 days AICTE sponsored , Velammal Institute of Technology 16 KTU FDP: Additive Manufacturing and 3D Printing 2021,3 days KTU, SJ CET Palai 17 Nano materials Developments, applications and future outlook 09012023 13012023 APJAKTU SJ CET 18 Faculty Entrepreneurship in the scenario of Make in India Schedule 23012023 25012023 APJAKTU St.Thomas Engg college Chenganoor Publications International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSNISBN No. 1. Weld bead graphical prediction of cold metal

transfer weldment using ANFIS and MRA model on Matlab platform Simulation SciSearch Indexed SAGE journals Accepted for Publication. SL NO TITLE OF THE PAPER NAME OF JOURNAL PUBLISHER YEAR,VOLUME, ISSN ISBN NO. 1 Effect of doubleside welding on the microstructural characteristics and mechanical performance of dissimilar AA6061AA5052 aluminium alloys Material Today ELSEVIER Materials Letter Volume 331 Jan 2023 2 Fabrication, characterisation, and finite element analysis of cold metal transfer based wire and arc additive manufactured aluminium alloy 4043 cylinder The International Journal of Materials Joining SPRINGER 64, 19051919 2020 3 Studies on influence of torch orientation on microstructure, mechanical properties and formability of AA5052 CMT welded blanks SPRINGER Article number: 15 2020 4 Improvement of Surface Finish and Reduction of Tool Wear during Hard Turning of AISI D3 using Magnetorheological Damper Journal of Scientific and Industrial Research 2018, Vol. 7701. SCIE NISCAIR, Impact factor 1.056, Index Q2 5 Weld bead graphical prediction of cold metal transfer weldment using ANFIS and MRA model on Matlab platform Simulation: Transactions of the Society for Modeling and Simulation International SCIE Sage publication 2019, Vol. 958:725736 6 Investigation on the Effect of Torch Angle on the Formability of AA5052 CMT Weldments Trans Indian Inst Met SCIE Springer publication Vol. 726:15511555 7 A modified version of MATLAB application window for predicting the weld bead profile and stressstrain plot of AA5052 CMT weldment using ER4043 SCIE Sage publication 8 Effect of doubleside welding on the microstructural characteristics and mechanical performance of dissimilar AA6061AA5052 aluminium alloys. Material Letters 331 2022 133444 9 Microstructure and electrochemical evaluation of ER308L weld overlays on AISI 321 stainless steel for repair applications. Journal of Process Mechanical Engineering SAGE Publication National Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year,	Volume	ISSN/ISBN No.
1.	Improvement of surface finish and reduction of tool wear during hard turning of AISI D3 using magnetorheological damper	Journal of Scientific and Industrial Research	NISCAIR, CSIR	2018,	Vol. 77,	09751084 Online 00224456 Print
		National Conference	Sl. No.	Title of the Paper	Name of the Conference	Venue Date
	The effect of cutting tool coating on the surface roughness of Die steel AISI D3 depending on cutting parameters.	Emerging trends in Engineering Design	EDQUEST	08	Govt.	

College of Engineering, Tirunelveli. 27032008 A comparative study of vibration and surface roughness in machining cold die steel with differently coated carbide inserts. CoMET 13 SJCTET, Palai. 15062013

Jacob Thomas SJCTET Palai Jacob Thomas Software Development Center
20240131T03:57:4300:00 Prof. Jacob Thomas Assistant Professor Department of Artificial Intelligence Data Science Mobile Number: 91 8589919344 Email: jacob.thomassjctetpalai.ac.in
Education Experience Memberships FDP Conferences Seminarworkshops organized Publications
CONFERENCE Attended NPTEL COURSES Education Sl.No Qualification University Year of passing Specialization 1 B.Tech. Mahatma Gandhi University 2007 Electronics and Communication Engineering 2 M.Tech. Karunya University 2011 Network and Internet Engineering Experience Date of joining SJCTET : 18062018 Status as on date of joining : ASST. PROF. Present status : ASST. PROF. Previous Experience Teaching Experience : 10 YEARS 3 MONTHS Sl. No Name of the collegeIndustry Designation Experience Years Months 1 BELIEVERS CHURCH CAARMEL ENGINEERING COLLEGE, PATHANAMTHITTA, KERALA ASST. PROF. 10 YEARS 3 MONTHS Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE LIFE TIME LM 81937 FDP Sl.NoTITLEVENUEEDURATION 1 Electric Vehicles Yashwantrao Chavan Polytechnic, Ichalkaranji 2325, March 2023 2 DISTRIBUTED COMPUTING SNGCE 30 JAN. 1 FEB. 2023 3 BLOCKCHAIN TECHNOLOGY AND ITS APPLICATIONS SJCTET PALAI 1620 JANUARY 2023 4 Wearable Devices SJCTET PALAI 1721, Jan. 2022 5 Sensor Data Analytics IIIT Kottayam 291121 031221 6 ASIC design flow using SYNOPSIS EDA Tool Hindusthan Institute of Tech., Coimbatore 1718, Sep.2021 7 AI and Data ScienceA pedagogical Approach SJCTET PALAI 913, Aug. 2021 8 Data ScienceUnfolding Layers of Knowledge Acropolis Institute of Tech. and Research, INDORE 2328, Nov. 2020 9 Simulation and modelling of Electronic Systems GEC Thrissur 913 , December 2019 10 Recent Trends in Semiconductor Devices and MEMSNEMS NIT Calicut 1014, June 2019 Conferences Seminarworkshops organized Sl. No Title Topic Date Duration Sponsors 1 Two Week ISTE Workshop on ANALOG ELECTRONICS 0414th June, 2013. IIT Kharagpur 2 NCRTECS 2014,

National Conference on Recent Trends in Electronics and Communication Systems 25th March 2014. BELIEVERS CHURCH CAARMEL ENGINEERING COLLEGE 3 NCCWiN 2014, National Conference on Computers and Wireless Networks 23rd and 24th July 2014. BELIEVERS CHURCH CAARMEL ENGINEERING COLLEGE 4 NCRTET 2017, National Conference on Recent Trends in Engg. and Technology 11th and 12th April 2017. BELIEVERS CHURCH CAARMEL ENGINEERING COLLEGE Publications Sl. No Type of publication No. of publications 1 International Journals 8 2 International conference 3 3 National Conference 5 International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSNISBN No. 1 4G Networks: To Cut Through All the Fast Talk IJLTET, International Journal of Latest Trends in Engineering and Technology Vol. 3 Issue 1 September 2013, pp. 8896. ISSN: 2278621X. 2 Handling Elastic and NonElastic Flows in Communication Networks IJIACS, International Journal of Innovations and Advancement in Computer Science Vol. 2 Issue 2, February 2014, pp. 5558, ISSN: 23478616, ISBN: 9789351374725 3 Technical Background of Mobile Number Portability, IJEMR, International Journal of Engineering and Management Research Volume4, Issue3, June2014, ISSN No.:22500758, pp. 1317. 4 Study and Simulation of Vehicular Ad Hoc Network Modules Using MATLAB International Journal of Advanced Research in Computer Science and Software Engineering. IJARCSSE Volume 4, Issue 5, May 2014. ISSN: 2277 128X.pp.1302 1308. 5 Systematic analysis of an OFDM system International Research Journal of Engineering and Technology IRJET Volume 02, Issue 02, May 2015. eISSN: 2395 0056, pISSN: 23950072, pp.934937. 6 Design of higher order Phase Locked Loop International Research Journal of Engineering and Technology IRJET Volume 02, Issue 02, May 2015. eISSN: 2395 0056, pISSN: 23950072, pp.10011004. 7 OFDM in Free Space Optical Communication System International Journal of Innovative Research in Computer and Communication Engineering Vol. 3, Issue 8, August 2015, ISSNOnline: 23209801, ISSN Print: 23209798. 8 DDS Based Phase Locked Loop, International Journal of Innovative Research in Computer and Communication Engineering Vol. 3, Issue 8, August 2015, ISSNOnline: 23209801, ISSN Print: 23209798. International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1 Be about green energy, Demand of renewable energy in real life International

conference on Recent Trends in engineering and technology, ICRTET C. S. I institute of Technology, in association with IEEE Madras section during 13th 14th March, 2014. ISBN 9789380609188, pp. 464 469. 2 OFDM IN FREE SPACE OPTICAL COMMUNICATION SYSTEM International Conference on Current Innovations in Engineering and Technology IOCCIET 2015 on AUGUST 23rd 2015. 3 Performance analysis on image superresolution using kernel resolution synthesis based on SVR International Conference on Recent Trends in Information Technology ICRTIT. IEEE, June 2011, pp. 804809. National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 NANOTECHNOLOGY: A WORLD OF SMALL THINGS National Conference on Advanced Trends and Technologies in Mechanical Engineering, ATATIME 13 organized by Department of Mechanical Engineering BELIEVERS CHURCH CAARMEL ENGINEERING COLLEGE DURING 27th and 28th September 2013. 2 4G NETWORKS: TO CUT THROUGH ALL THE FAST TALK. OSS 13 MUSALIAR COLLEGE OF ENGINEERING AND TECHNOLOGY, Pathanamthitta from 27th to 29th September 2013 3 Network Assisted Communication National Conference on Computational and Internetworking Information Technology NCCIIT 14 Anna University Regional Centre, Coimbatore held on 6th and 7th March 2014. 4 Short distance communication through 2D barcodes for low data rate applications National Conference on Electrical, Electronics, civil, computer and mechanical engineering, organized by NIER December 11th 2016 at Trivandrum. 5 Comparative study of wireless communication and streaming of optical codes in real time National Conference on Electrical, Electronics, civil, computer and mechanical engineering. NIER on December 11th 2016 at Trivandrum. CONFERENCE Attended TITLEVENUEDURATION 1 GESTURE BASED DEVICE CONTROLLING SYSTEM MANGALAM COLLEGE OF ENGINEERING 2728 JUNE 2022 NPTEL COURSES TITLEDURATION 1 AN INTRODUCTION TO ARTIFICIAL INTELLIGENCE 12 WEEKS, 23123 TO 14423 2 ADVANCED COMPUTER NETWORK 12 WEEKS, 23123 TO 14423

Science Engineering Mobile Number: 91 9495662514 Email: jeena.thomassjcetpalai.ac.in Education Experience Memberships STTPConferenceSeminarsWorkshops Publications Awards Received Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer Science and Engineering St.Josephs College of Engineering and Technology, Palai Mahatma Gandhi University, Kottayam 2009 M.E Computer Science and Engineering Sri Sivasubramaniya Nadar College of Engineering, , Chennai Anna University, Chennai 2012 Ph.D Computer Science and Engineering Indian Institute of Information Technology, Kottayam Indian Institute of Information Technology, Kottayam Pursuing Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Thejus College of Engineering, Thrissur Assistant Professor June 1, 2012 August 27, 2012 St.Josephs college of Engineering and Technology, Palai Assistant Professor September 10, 2012 Till date Memberships Name of the InstitutionMembership IDNo Indian Society for Technical EducationLife Member LM 90173 STTPConferenceSeminarsWorkshops Successfully completed, five day FDP on Compiler Design at Amal Jyothi College of Engineering , Kanjirapally from 17th to 21st December 2018 Successfully completed FDP NPTEL Online Certification on the course Artificial Intelligence:Search Methods for problem Solving ,on JulOct 201812 week course at IIT Madras. Actively participated in an FDP on Design Thinking organized by the Department of Computer Science and Engineering in association with SJCET Startup Bootcamp and ACMSJCET chapter from 9th to 12th July, 2018 Successfully completed a training course on ISO 9001:2015 Awareness Course by Zandig TQM Solutions on 28th June 2018 Presented a paper entitled An approach of RDD optimization in Big Data analytics, on 2nd International ConferenceGlobal Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and TechnologyRAREST 2018 at SJCET Palai,2018 Presented a paper entitled Authenticating Communication of autonomous vehicles with Artificial Intelligence , on 2nd International ConferenceGlobal Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and TechnologyRAREST 2018 at SJCET Palai,2018 Presented a paper entitled, Analysing Telecom churn Trends using ML Techniques, in the International Conference, ICCISCON at GISAT Kottayam ,2018 Presented a paper entitled Surveying Telecom churn Trends using ML techniques,

in the International conference on Breakthrough in engineering, science and technology by Institute of Engineering research, Salem, 2018 Participated in the ISTE short term training programme on Guidance and Counselling by ISTE staff Chapter, SJCET Palai from 4th to 8th December 2017 Participated in One day knowledge Enhancement program on Soft Computing and applications at Mar Baselios Christian College of Engineering and Technology, Peermade on 12th July 2017 Participated in the Twoweek ISTE Workshop on Technical Communication by IIT Bombay from 8th October to 5th December, 2015 Participated in a two week ISTE STTP on Introduction to design of Algorithms by IIT, Kharagpur from 27th April to 30th May, 2015 Presented a paper entitled Students Performance assessment using different defuzzification Methods, On international conference on emerging Trends in Engineering and Technology, Bengaluru Presented a paper entitled, A Survey on Soft Computing and their application in person recognition at a distance, in IEEE Conference on softcomputing and Network security, at SNS College of Technology in association with Kyungpook National university, south Korea during 25th to 27th February 2017 Participated in the national Workshop on Network Simulator NS2 on 5th and 6th, December, 2014 at Viswajyothi College of engineering and technology, Vazhakulam Attended the two day ISTE eseminar on Steps 2 Research by Amal jyothi College of Engineering, Kanjirapally with ISTE Kerala Section and CSI Cochin Chapter on 19th, 20th, September 2014 Participated in a Twoweek ISTE workshop on Computer Programming conducted by IIT, Bombay from 20th May to 21st June, 2014 Attended the One day ISTE eworkshop on Creative Teaching by Amal jyothi College of engineering, Kanjirapally on 5th October 2013 Attended two days National level workshop on cloud computing at De Paul Institute of science and technology DiST, angamaly supported by IIHT on 6th and 7th June, 2013 Participated in the Faculty Development Programme on Instructional design and delivery system at SJCET Palai, from 24th to 28th June 2013 Presented a paper entitled, Advanced Test data generation, at the International Research Conference on Innovative Strategies in Commerce, Management, Engineering, technology social Sciences held on 10th and 11th June, 2013 at Kare Auditorium, Shree Damodar College Complex, Goa Participated in a Twoday ISTE Workshop on Aakash for Education, conducted by IIT Bombay, on 10th and 11th November, 2012 Completed a training course on ISO

9001:2008 Awareness by Zandig TQM Solutions PVT Ltd, on 8th June 2012 Presented a paper entitled, Visualizing Data Dependency in Software Ecosystem, in proceedings of International conference on recent trends in Computer science and engineering, at Apollo Engineering College, Chennai on May 3rd and 4th 2012 Attended the preconference tutorial on demystifying Cloud service Models in the International Conference on recent Advances in computing and Software Systems RACSS 2012 at SSN College of ENGINEERING, Chennai during 25-27, 2012 Attended a inplant training at CCS Technologies, kottayam from 23rd to 28th june, 2008 Publications Actively participated in an FDP on Design Thinking organized by the Department of Computer Science and Engineering in association with SJCET Startup Bootcamp and ACMSJCET chapter from 9th to 12th July, 2018 Presented a paper entitled An approach of RDD optimization in Big Data analytics, on 2nd International Conference Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology RAREST 2018 at SJCET Palai, 2018 Presented a paper entitled Authenticating Communication of autonomous vehicles with Artificial Intelligence , on 2nd International Conference Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology RAREST 2018 at SJCET Palai, 2018 Presented a paper entitled, Analysing Telecom churn Trends using ML Techniques, in the International Conference, ICCISCON at GISAT Kottayam , 2018 Presented a paper entitled Surveying Telecom churn Trends using ML techniques, in the International conference on Breakthrough in engineering, science and technology by Institute of Engineering research, Salem, 2018 Participated in the ISTE short term training programme on Guidance and Counselling by ISTE staff Chapter, SJCET Palai from 4th to 8th December 2017 Participated in One day knowledge Enhancement program on Soft Computing and applications at Mar Baselios Christian College of Engineering and Technology, Peermade on 12th July 2017 Participated in the Two week ISTE Workshop on Technical Communication by IIT Bombay from 8th October to 5th December, 2015 Participated in a two week ISTE STTP on Introduction to design of Algorithms by IIT, Kharagpur from 27th April to 30th May, 2015 Presented a paper entitled Students Performance assessment using different defuzzification Methods, On international conference on emerging

Trends in Engineering and Technology, Bengaluru Presented a paper entitled, A Survey on Soft Computing and their application in person recognition at a distance, in IEEE Conference on softcomputing and Network security, at SNS College of Technology in association with Kyungpook National university, south Korea during 25th to 27th February 2017 Participated in the national Workshop on Network Simulator NS2 on 5th and 6th, December, 2014 at Viswajyothi College of engineering and technology, Vazhakulam Attended the two day ISTE eseminar on Steps 2 Research by Amal jyothi College of Engineering, Kanjirapally with ISTE Kerala Section and CSI Cochin Chapter on 19-20, September 2014 Participated in a Twoweek ISTE workshop on Computer Programming conducted by IIT, Bombay from 20th May to 21st June, 2014 Attended the One day ISTE eworkshop on Creative Teaching by Amal jyothi College of engineering, Kanjirapally on 5th October 2013 Attended two days National level workshop on cloud computing at De Paul Institute of science and technology DiST, angamaly supported by IIHT on 6th and 7th June, 2013 Participated in the Faculty Development Programme on Instructional design and delivery system at SJCET Palai, from 24th to 28th June 2013 Presented a paper entitled, Advanced Test data generation, at the International Research Conference on Innovative Strategies in Commerce, Management, Engineering, technology social Sciences held on 10-11 June, 2013 at Kare Auditorium, Shree Damodar College Complex, Goa Participated in a Twoday ISTE Workshop on Aakash for Education, conducted by IIT Bombay, on 10th and 11th November, 2012 Completed a training course on ISO 9001:2008 Awareness by Zandig TQM Solutions PVT Ltd, on 8th June 2012 Presented a paper entitled, Visualizing Data Dependency in Software Ecosystem, in proceedings of International conference on recent trends in Computer science and engineering, at Apollo Engineering College, Chennai on May 3rd and 4th 2012 Attended the preconference tutorial on demystifying Cloud service Models in the International Conference on recent Advances in computing and Software Systems RACSS 2012 at SSN College of ENGINEERING, Chennai during 25-27, 2012 Attended a inplant training at CCS Technologies, kottayam from 23rd to 28th june, 2008 Successfully completed FDP NPTEL Online Certification on the course Artificial Intelligence: Search Methods for problem Solving, on Jul-Oct 2018 12 week course from IIT Madras. Completed a 3 day FDP on Concept

Coaching from 11th to 13th March,2019 conducted by ICT academy of Kerala, at SJCET Palai
 Successfully completed, five day FDP on Compiler Design at Amal Jyothi College of Engineering ,
 Kanjirapally from 17th to 21st December,2018 Successfully completed a training course on ISO
 9001:2015 Awareness Course by Zandig TQM Solutions on 28th June 2018 Awards Received The
 paper titled Predicting College students Failure using Educational Data Mining has been adjudged
 the Best Paper award for the stream of Computer Science and Information technology in the 2nd
 International Conferences on Emerging Trends in Technology and Applied Sciences,ICETTAS
 2015, organized by Saintgits College of Engineering, Kottayam Kerala,2015

Jomol Tom SJCET Palai Education DegreeSpecializationInstitutionUniversityClass ObtainedYear of
 Passing B.A Economics Alphonsa College Palai M.G University Distinction 2017 M.A Economics St.
 Thomas College Palai M.G University Distinction 2019 B.Ed Social Science St. Thomas College of
 Teacher Education Palai M.G University Distinction 2021 Experience Name of the
 CollegeIndustryDesignationDate of JoiningDate of RelievingExperience Years Month Days Don
 Bosco Central School, Puthuppally Kottayam Economics Teacher October 18, 2021 March 31, 2022
 6 Months Publications 1 Published paper on Guidance and counselling in secondary schools 2
 Published article on Effects of Covid 19 and Indian economy. STTPFDP Conference
 SeminarsWorkshops attended 1 Attended FDP organized by ISTE kerala. National Seminar on the
 topic Sustainable Development organised by Alphonsa College Palai. National Workshop on
 Intellectual Property Rights IPR organised by St.Thomas College Palai National Workshop on
 Creative Adaptation Reaching Out Through Digital Classrooms organized by UGCHRDC, University
 of Kerala. Online Certifications Received online certificate for attending National Workshop on
 Creative Adaptation Reaching Out Through Digital Classrooms organized by UGCHRDC, University
 of Kerala. Awards Received Secured Third Rank in M.G University M.A Economics Examination,
 2019.

Jibin Philip SJCET Palai Jibin Philip Software Development Center 20220520T07:23:4800:00 Prof.

Jibin Philip Assistant Professor Department of Computer Science Engineering Email: jibinphilip34gmail.com Phone: 918281042328 Education Experience Achievements Publications

STTPFDP Conference SeminarsWorkshops

Conducted Education

DegreeSpecialization	InstitutionUniversity	Year of Passing
Diploma in Computer Engineering	Computer Engineering Govt.Polytechnic College Muttom	2004
B.Tech Computer Science and Engineering	College of Engineering and Technology Muvattupuzha M.G University	2008
M.E Computer Science and Engineering	Maharaja Prithvi Engineering College Avinashi, Tamilnadu	

Anna University Chennai 2014 Experience Assistant Professor: Working as Assistant Professor in Computer Science and Engineering at St.Josephs College of Engineering Technology Palai march 2021 onwards. Assistant Professor: 7 years Worked as Assistant Professor in Computer Science and Engineering at AlAzhar College of Engineering Thodupuzha from January 2014 onwards. Lecturer : 5 years Worked as Guest Lecturer in Computer Engineering at Govt:Polytechnic College, Nedumkandam, Idukki. Kerala. Nov2008 to July 2012 Instructor :5 months Instructor in Information Technology at Dr.ZHM ITIpvt Changanacherry, Kerala July2008 to Nov2008

Achievements Paper presented in National and international Two international online journal published. Participated in 3 days workshop on Predictive Analytics in RIT Participated in 2 days workshop on Bigdata processing in MA College Kothamngalam. Participated in 5 days FDP on Design and Engineering in CE Participated in 1 day workshop on Trusted Systems Conducted by APJ AbdulKalam Technological University and Stevens University USA at CET Member of Cluster level expert committee of CSEPG RIT Kottayam ,Kerala Technological Additional Chief superintendent of M.G University examinations at SJCET Pala May 2018 and Jan 2019

Publications A paper entitled History Generalized Pattern Taxonomy Model for Frequent Itemset Mining published in International Journal for Scientific Research Development IJSRD Issue 04, 2014. A paper entitled Optimizing Document Annotation Facilitating using Web Search Index Support published in International Journal for Scientific Research DevelopmentIJSRD Issue 06, 2015. **STTPFDP Conference SeminarsWorkshops** One week online Faculty Development programme attended on Advances in Natural Language processing using AI organized by CSI and Vimal Jyothi Engineering College from

14th March 2022 to 18th March 2022. Six days Online FDP attended on Recent Trends in Blockchain Technology organized by Government Engineering College Idukki from 8th November 2021 to 13th November 2021. ATAL online FDP attended on Internet of Things IoT from 7th December 2020 to 11th December 2020. Online KTU sponsored FDP on Developing Technologies for a Sustainable Mobile Society organized by SCMS School of Engineering and Technology from 26th to 30th July 2021. The KTU sponsored Five days online FDP on Advancements in Systems for Electric and Hybrid vehicles organized by Viswajyothi College of Engineering and Technology from 19th to 23rd April 2021. The five days online FDP on Demystifying Network Security organized by S.A engineering college from 26th to 30th May 2020. FDP on Predictive Analytics organized by RIT Kottayam sponsored by TEQIP Phase II during the period 25-27 June 2014. Two days workshop on Design and Engineering attended at College of Engineering Trivandrum CET on 30th and 31st October 2015. One day workshop on Spoken Tutorial Expertise organized by Amal Jyothi College of Engineering on 16 July 2016. One week FDP on Design and Engineering organized by College of Engineering Cherthala from 28th Dec 2015 to 1st Jan 2016. Two days workshop on Big Data Processing conducted by TCS MA College of Engineering on January 15,16 of 2015. Participated a webinar session entitled Covid 19 and Biodiversity organized by JPM College on 25th May 2020. A webinar entitled Pervasive HighSpeed Flow Simulation Research on Scramjets organized by Al Azhar College of Engineering Thodupuzha. Three days workshop on NAAC Assessment and Accreditation: A Step by Step Process organized by GATES Institute of Technology, Andhra Pradesh from 28th to 30th May 2020. A webinar on Geographic Information System organized by SCMS College of Polytechnics on 26th March 2022. A webinar on Statistical Tools in Research organized by Indira Gandhi College on 27th February 2021. A paper titled History Generalized Pattern Taxonomy Model for Frequent Itemset Mining presented at ICASG 14, an international conference organized by Aarupadai Veedu Institute of Technology. A paper titled History Generalized Pattern Taxonomy Model for Frequent and Infrequent Itemset Mining presented at ICICICT2019, an international conference organized by Vimal Jyothi College of Engineering.

Conference Seminars Workshops Conducted Conducted one day workshop on Latest Trends in .Net

Technologies at AlAzhar College of Engineering on 1st Nov 2019. Conducted one day workshop on Android Programming at AlAzhar College of Engineering on March 6 , 2018. Conducted a seminar on Career Aspects of FTCP Course at Govt.Vocational Higher Secondary School Thodupuzha on 19th Dec 2020.

Jose George SJCET Palai Jose George Software Development Center 20220506T06:17:3900:00
 Prof. Jose George Assistant Professor Department of Computer Science Applications Mobile Number: 91 8891234504 Email:jose.georgesjcetpalai.ac.in Date of Joining:01062016 Nature of association:Regular Education Experience MOOC Courses Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 Graduation Mahatma Gandhi University Ettumanoorappan College 2001 Computer Applications 2 Post Graduation Visveswaraiah Technological University SSIT 2004 Computer Applications Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months SJCETPalai Assistant Professor June 2016 till now 1 RIT ,Kottayam Assistant Professor June 2013 to April 2015 2 Aseel Computers System Administrator March 2009 to August 2012. 3 Bharath Healthcare Bharath MultiSpecialty Hospital. System Administrator March 2006 to Dec 2008. 4 Prism Infotech Kottayam. Software Programmer July 2004 to October 2005 MOOC Courses CourseFromDate Networking in Google Cloud: Defining and Implementing Networks Coursera March 2022 Getting Started with Azure Coursera August 2021

Josna Jose SJCET Palai Josna Jose Software Development Center 20190115T10:59:5100:00
 Prof.Josna Jose Assistant Professor Computer Science Engineering Mobile Number: 91 8075523942 Email:josna.josesjcetpalai.ac.in Date of Joining: 05062018 Nature of association: Regular Education Experience Education DegreeSpecializationInstitutionUniversity B.Tech. Computer Science Engineering St.Josephs College of Engineering Technology,Palai Mahatma Gandhi University,Kottayam M.Tech. Communication and Network Technology School of Computer Sciences ,M.G.University Mahatma Gandhi University,Kottayam Experience Name of the

CollegeIndustryDesignationDate of JoiningDate of RelievingYears Month St.Joepts College of Engineering Technology,Palai Assistant ProfessorContract August 1, 2017 December 1, 2017 5 months College of Engineering ,Kidangoor Assistant ProfessorADHOC February 1, 2016 March 1, 2017 1yr

Jose Tom Tharappel SJ CET Palai Jose Tom Tharappel Software Development Center 20240709T04:38:4300:00 Prof.Jose Tom Tharappel Assistant Professor Department of Mechanical Engineering Mobile Number: 9400135772, 9747504220 Email:josetomsjcetpalai.ac.in, josetomtharappelgmail.com Date of joining: 3 January 2018 Association with the institution: Regular

Education	Experience	FDPSTTP	Attended	Publications	Education
QualificationUniversityInstitutionYear of passingSpecialization	B.Tech MG SJ CET, Palai 2014				
Mechanical M.Tech APJ Abdul Kalam Technological University SJ CET, Palai 2017	Advanced Manufacturing Production Management Experience Industrial Experience : 1 Year Teaching Experience : Nil				
Name of the collegeIndustryDesignationExperience Years Months	Heveacrumb Rubber Pvt. Ltd. Production Supervisor 1 Year	FDPSTTP Attended	Name of TrainingWorkshopYear		
Date DurationOrganizer	3Day Staff Development Programme on Research Opportunitites and Challenges in Advanced Materials and Manufacturing 2016, June 8 to 10		Institution of Engineers India, Kochi Local Centre and Dept. of ME Federal Institute of Science and Technology, Angamaly		
Faculty Staff Development Training Programme on Recent Trends in Welding and Material Processing 2018, December 3 to 7	5 days	Dept. of ME Govt. Engineering College, Thrisur	Recent advances in Manufacturing Engineering 2019,5 days	APJAKTU SJ CET Pala	Bio Energy: Technologies Transitions 2020,5 days
National Institute of Technology, Kurukshetra and Govt. Engg. College Bikaner	3 D Printing Design 2021,5 days	AICTE ATAL FDP IIT Ropar	ATAL FDP: Additive Manufacturing: Current Trends and Prospects towards Developing AM Research 2021,5 days	AICTE ATAL FDP, Indian Institute of Technology Kanpur	Nano materials Developments, applications and future outlook 09012023 13012023
APJAKTU SJ CET	Graphical system Design using Labview 23012023	28012023 NITTR CHENNAI	Publications	Title of PaperName of	

journalPublisherYear, Volume ISSNISBN No. Welding processes for Inconel 718 A brief review IOP
Conf. Series: Materials Science and Engineering IOP Publishing 2018, Volume 330,
DOI:10.10881757899X3301012082 International Conferences Title of the Paper Name of the
Conference Venue Date Welding processes for Inconel 718 A brief review Recent Advances in
Materials, Mechanical Civil Engineering Marri Laxman Reddy Institute of Technology Management,
Hydrabad 1 2 June, 2017

Jiji Joseph SJCET Palai Jiji Joseph Software Development Center 20230914T08:46:2600:00 Prof. :
JJI JOSEPH Assistant Professor Department of Science and Humanities Mobile
Number:9495204171 Email:jijisjcetpalai.ac.in Date of joining: 12092002 Nature of association:
Regular Education Experience Membership Faculty Development Programme STTPFDP
Conference SeminarsWorkshops attended Education Sl.NoQualificationUniversityInstitutionYear of
passingSpecialization 1 M.Tech UNIVERSITY OF KERALA UNIVERSITY OF KERALA 1999
OPTOELECTRONICS COMMUNICATION SYSTEMS 2 M.Sc. COCHIN UNIVERSITY OF
SCIENCE TECHNOLOGY COCHIN UNIVERSITY OF SCIENCE TECHNOLOGY 1997 SOLID
STATE PHYSICS Experience Industrial Experience : ISRO, Bangalore Sl. No Name of the
collegeIndustry Designation Experience Years Months 1 ISRO, Peenya , Bangalore Senior
Research Fellow 2.5 Membership Name of InstitutionType of MembershipMembership ID ISTE ISTE
LIFE MEMBER LM 90205 Faculty Development Programme Sl. NoName of TrainingWorkshopYear
Date DurationOrganizer 1 Engineering Physics 2015,070915110915, 1 Week IIT,BOMBAY 2
Introducton to research methodologies 2012,250612040712,2 Week IIT,BOMBAY 3 Creative
Teaching October 5, 2013 ISTE, Kerala 4 Feel Teacher Dec 12 14,2013,Sep 1920, 2014 SJCET
,PALAI 5 Steps to Research Sep 1920, 2014 ISTE, Kerala 6 Advances in crystal growth and
nanotechnology Jan 1516,2015 CMS College , Kottayam 7 Guidance and Counselling 2017
Dec4th8th5 Days SJCET 8 FDP on Applications of Basic Sciences in Engineering 2017 March 23rd
College of Engg. Kidangoor 9 Training Course on ISO 9001:2015 Internal Audit July 1, 2018 SJCET
10 Training Course on ISO 9001:2015 Awareness June 1, 2018 SJCET 11 Training on Teaching

Excellence 2002 July 2 Weeks ISTE STTPFDP Conference SeminarsWorkshops attended Sl. No.TypeOrganized by DurationDate 1 Biophotonics NPTEL 12 WEEKS JanApr, 2023 2 Advanced Optimisation Techniques APJ KTU 5 DAYS SJCET 300123 to 030323 3 FDP ON ELECTRETS APPLICATION IN SENSORS AICTE 5 DAYS JULY 2021 4 FDP ON PHOTONICS AICTE 5 DAYS SEPT 2021 5 MATANA 2020 LOYOLLA COLLEGE CHENNAI 5 DAYS JUNE 2020 6 Skill Development ProgrammeGood Laboratory Practices Veer Kunwar Singh University, Ara Bhojpur Bihar 5 DAYS 21 25th July, 2020 7 STTP ON FIBER OPTICS NPTEL 8 WEEKS JANUARY 2020 8 Smart Nanomaterials: Fundamentals to Applications SNFA2019 NIT , CALICUT 5 days 2529 March 2019 9 STTP ON SOAR PHOTOVOLTAICS FUNDAMENTALS, TECHNOLOGY AND APPLICATIONS NPTEL 8 WEEKS SEPT2019 10 FDP ON PHOTONICS, AICTE 5 DAYS OCT 2019 11 FDP ON SENSORS TECHNOLOGY AICTE 5 DAYS SEPT 2019 12 STTP ON DESCRIPTIVE STATISTICS WITH R SOFTWARE NPTEL 8 WEEKS FEBRUARY 2019 13 FDP ON APPLICATIONS OF BASIC SCIENCES IN ENGINEERING COLLEGE OF ENGG. KIDANGOOR 3 DAYS 2017 MARCH 23RD 14 TRAINING COURSE ON ISO 9001:2015 INTERNAL AUDIT SJCET 3 DAYS JULY 2018 15 TRAINING COURSE ON ISO 9001:2015 AWARENESS SJCET 3 DAYS JUNE 2018

Jemti Jose SJCET Palai Jemti Jose Software Development Center 20190112T02:37:1800:00 Prof. Jemti Jose Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 9048358767 Email: jemtijosesjcetpalai.ac.in Date of joining SJCET: 01062012 Association with the institution: Regular Education Experience Memberships FDP Publications Education Sl.No Qualification University Year of passing Specialization 1 B.Tech M.G 2009 Electronics and communication 2 M.Tech CUSAT 2012 VLSI Experience Date of joining SJCET : 01.06.2012 Status as on date of joining : Assistant professor Present status : Assistant professor Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE Life time LM90180 FDP Sl. No Name of TrainingWorkshop Year Date Duration Organizer 1 Induction to Research Methodologies June 25th to July 4th, 2012 IITBombay MHRD ISTE 2 Aakash ITC in

Education November 10¹¹, 2013 IITBombay MHRD ISTE 3 Induction Training Program on teaching Excellence and Methodologies July 27, 2012 ISTE Kerala section 4 workshop on FPGA and VHDL March 46, 2013 ISTE Kerala section 5 Faculty Development Program on Signal Processing MATLAB May 6¹⁰, 2013 ISTE Kerala Section 6 Workshop on Analog Electronics June 4¹⁴th, 2013 IITKharagpur MHRD ISTE 7 FDP on VLSI Architectures for signal Processing November 18²⁴th, 2013 PSG College of Technology, Coimbatore 8 FEEL teacher December 12¹⁴th, 2013 CLHRD, Mangalore 9 Workshop on Signals Systems January 2¹²th, 2014 IITBombay MHRD ISTE 10 Challenges in Space Technology June 23²⁷th, 2014 SRM University , Chennai 11 STTP on Slid Sate Control of Electric Drives through ICT July 2¹²⁵th, 2014 NITTTR, Chandigarh 12 STTP on Technical Communication November 30^{December 8}th, 2015 IITBombay MHRD ISTE 13 STTP on Engineering Physics December 1¹¹⁷th, 2015 IITBombay MHRD ISTE 14 STTP on Guidance and Counselling December 4⁸th 2017 ISTE SJ CET Palai Publications Publications: Sl. No Type of publication No. of publications 1 International Journals 5 2 International conference 3 International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 An FPGA Implementation of 1553 Protocol Controller IJCISIM MIR Research Lab US Volume 6 2014, pp. 66 76 2 Implementation of an efficient OFDM transmitter and receiver using FPGA IJCET ISSN:22774106 Vol5,No6,December 2015, pp. 36113615 3 Design and FPGA implementation of optimized parallel prefix adder IJIRSET ISSN:23476710 Vol5, Issue7, July 2016 4 Design and FPGA implementation of efficient LMS adaptive filter with low adaptation delay IJIRSET ISSN:23476710 Vol5, Issue9, September 2016 5 Implementation of high performance area efficient architecture for ZTCAM IJIRSET ISSN:23476710 Vol5, Issue9, September 2016 International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1 Design of 1553 protocol controller for reliable data transfer in aircrafts ISDA Cochin, India, Nov. 2012 2 Design of Manchester II biphasic Encoder for MILSTD1553 Protocol iMac4s SJ CET Palai, India, March 2013 3 Optimization of Incremental Optical Encoder Pulse Processing iMac4s SJ CET Palai, India, March 2013

Jose James SJCET Palai Jose James Software Development Center 20220521T05:20:3700:00

Prof. Jose James Assistant Professor Department of Civil Engineering Mobile Number: 91 9447767794 Email: josejamessjcetpalai.ac.in Date of Joining:24062013 Nature of association:Regular Education Experience FDPSTTP Education

Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G.University Govt. Rajiv Gandhi Institute of Technology 2009 Civil Engineering 2 M.Tech NIT Calicut NIT Calicut 2013 Environmental Geotechnology Experience Date of joining SJCET : 24062013 Status as on date of joining : Assistant Professor Present status : Assistant Professor Previous Experience Industrial Experience : Worked as Site Engineer for one year Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Thannickal Constructions, Kottayam Site Engineer 1 year 2 St.Josephs College of Engineering And Technology Assistant Professor 24062013 till now FDPSTTP Five days Online FDP on Advanced Soil Reclamation Techniques organised by the Department of Civil Engineering, Muthoot Institute of Technology Science, Varikoli, Ernakulam from 04th 08th April, 2022. STTP on Guidance and Counselling organized during 8th to 13th February 2021 by St. Josephs College of Engineering and Technology , Palai AICTE sponsored STTP III on Miscellaneous Topics organised by the Department of Civil Engineering, Vignana Bharathi Institute of Technology from 021120 to 071120 TEQIPIII sponsored FDP on Interaction of Coastal Development with Coastal Processes, NIT Calicut, 914 December 2019. FDP on Accreditation process Outcome based education from 24th to 26th July 2019 at College of Engineering Adoor. ISTE STTP on Guidance and Counselling organized during 4th to 8th December 2017 by St. Josephs College of Engineering and Technology , Palai FDP Introduction to Sustainable Engineering organized by APJ Abdul Kalam Technological University from 18th to 20th June 2015 Two week ISTE STTP on Environmnetal Studies conducted by IIT, Bombay from 2nd to 12th June 2015, at SJCET Palai Two week ISTE STTP on Environmnetal Studies conducted by IIT, Bombay from 2nd to 12th June 2015, at SJCET Palai Two week ISTE workshop on Engineering Mechanics, by IIT Bombay from 26th November to 6th December 2013 at SJCET Palai Half day ISTE workshop on Green building awareness under MHRD by IIT, Bombay and Academy of Architecture on 24th

August 2013 at SJCET Palai

Jeeno Mathew SJCET Palai Jeeno Mathew Software Development Center

20230720T06:29:2800:00 Dr. Jeeno Mathew Asst.Professor Department of Mechanical Engineering

Mobile Number: 9495444970 Email:jeenokavukattuyahoo.co.in Date of joining:01062012

Association with the institution: Regular Education Experience Memberships FDPSTTP Attended

Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech

MG University MACE Kothamangalam 2006 Mechanical 2 M.Tech MG University MACE

Kothamangalam 2012 Mechanical 3 Ph.D MG University MACE Kothamangalam 2022 Mechanical

Experience Industrial Experience : 3 years Teaching Experience : 7 years Sl. NoName of the

collegeIndustryDesignationExperience Years Months 1 Sharp Tanks and StructuralsP Ltd QC

Engineer 2 years 2 College of Engineering Poonjar Guest Lecture 1 year Memberships Sl. NoName

of InstitutionType of MembershipMembership ID 1 ISTE LIFE MEMBER LM90196 FDPSTTP

Attended Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Soft skill development

program 2011, 7 days M.A College of Engineering Kothamangalam. 2 Teachers Induction Training

Program, GEC Thrissur 2012, 7 days ISTE Kerala 3 Engineering Thermodynamics 2012,10 days IIT

Bombay 4 Workshop on SC Role Play Game 2012,2 days NIT Calicut 5 Advanced Automobile

Engineering 2013,2days SJCET Pala 6 Innovation and Patenting 2013,2days Patent Information

centreKerala 7 Fluid Mechanics 2014, 10 days IIT Khargpur 8 Recent Advances in Nanoscience

and Nanotechnology 2015,12 days AJCE Kanjirappally 9 Technical Communication 2015,2 months

IIT Bombay 10 Pursue, Publish, Prosper 2016,1 day SJCET Pala 11 Recent Metaheuristics

methods 2017,2 days MACE Kothamangalam 12 Training on NBA Accreditation 2018,2 days

SJCET Pala 13 Workshop by Dr. Bijoy V.T, Research Scientist,SSAINASA LaRC, USA. 2018,1 day

SJCET Pala 14 Training Course on ISO 9001:2015 Awareness 2018,1 day SJCET Pala 15

Workshop on Renewable EnergyOpportunities and Challenges 2018,1 day SJCET Pala 16 Personal

Protective Equipment Training 2018,1 day SJCET Pala 17 Interactive session with expert on

renewable energy and fuel cells 2018,1 day SJCET Pala 18 NPTEL: Operations and Supply chain

Management 2019,12 week 12 WEEK NPTEL COURSE, IIT Madras 19 Recent Advances in Fuel Cells 2019,5 Days APJAKTU SJCT Palai 20 Guidance and Counselling 2020,5 Days AICTE Sponsored , SJCT Palai 21 KTU FDP: Additive Manufacturing and 3D Printing 2021,3 days KTU, SJCT Palai 22 Advanced Optimisation Techniques 30012303022023 APJAKTU SJCT Publications Publications Sl. No Type of publication No. of publications 1 International Journals 5 2 International conference 5 3 National Conference 2 International Journals Sl.No Title of Paper Name of Journal Publisher Year, Volume ISSN/ISBN No. 1 Supply chain logistics network optimization for minimizing cost, considering transportation damage The International Journal on Mechanical Engineering and Robotics Ird India ISSN23215747 2 A review on mechanical and microstructural Property evaluation of Aluminium 5083 Alloy weldment International Journal of Mechanical and Production Engineering Research and Development TRANS STELLAR ISSN 22496890 3 Multi Objective Optimization for Scheduling Repetitive Projects using GA Procedia Technology Elsevier 4 Optimization of Cycle Time in an Assembly Line Balancing Problem Procedia Technology Elsevier 5 Resource Allocation in a Repetitive Project Scheduling Using Genetic Algorithm IOP Conf. Series: Materials Science and Engineering 3302018 IOP International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1 Scheduling repetitive projects with optimization of project duration International conference on Emerging Trends in Manufacturing Technology ToCH, Ernakulam 5th and 6th Sept. 2012. 2 Optimization of SC logistics Network for minimum cost,considering product damage during transportation Mechanical and Industrial engineering IRDIndia,Pune,Sept1,2013. 3 Multi Objective Optimization for Scheduling Repetitive Projects using GA RAEREST SJCT Palai,2223 April 2016 4 Optimization of Cycle Time in an Assembly Line Balancing Problem RAEREST SJCT Palai,2223 April 2016 5 Multi objective optimization for scheduling repetitive projects using GAIIPDM COSMAR IISc Bangalore,2021 Nov 2017 National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Scheduling Techniques for repetitive project industriesA review Emerging Trends in Mechanical Engineering KLN College of Engineering,April 2,32012 2 Experimental Analysis and Comparison of Carbon steel shaft Engineering Appropriate Technology September 20 and 21, 2014 at NSS Palakkad

Jubil Gea Joy SJ CET Palai Jubil Gea Joy Software Development Center 20210308T11:15:4200:00
 Prof. Jubil Gea Joy Assistant Professor Department of Computer Science Engineering Email:
 jubilgeajoy@sjcetpalai.ac.in Phone: 918547562667 Date of Joining: 19.10.2020 Education Publications
 Education Degree Specialization Institution University Year of Passing B.Tech. Computer Science and
 Engineering St. Josephs College of Engineering and Technology, Palai Mahatma Gandhi University,
 Kottayam 2018 M.Tech Computer Science and Engineering St. Josephs College of Engineering and
 Technology, Palai APJ Abdul Kalam Technological University 2020 Publications Blockchain in Real
 Estate, International Journal of Applied Engineering Research, Research India Publications, 2020.

Jenson Jose SJ CET Palai Jenson Jose Software Development Center 20220520T06:44:0000:00
 Prof. Jenson Jose Assistant Professor Department of Civil Engineering Mobile Number: 91
 9447851771 Email: jensonsj@sjcetpalai.ac.in Date of Joining: 14/01/2009 Nature of association: Regular
 Education Experience Membership FDP STTP FDP Organized STTP FDP Conference
 Seminars Workshops attended Publications Education Sl. No Qualification University Institution Year of
 passing Specialization 1 B.Tech KERALA University TKM college of Engineering, Kollam 2006 CIVIL
 Engg 2 M.Tech ANNA University College of Engineering Guindy, Chennai 2008 Construction Engg
 and Management. Experience Date of joining SJ CET : 14/01/2009 Status as on date of joining :
 Lecturer Present status : Asst. Professor Previous Experience Industrial Experience : 6 Months.
 Teaching Experience : 10 years Sl. No Name of the college Industry Designation Experience Years
 Months 1 Cushman and Wakefield Consultancy Project Engineer. 6 Months 2 St. Josephs College of
 Engineering And Technology Asst. Professor 14/01/2009 till now Membership Sl. No Name of
 Institution Type of Membership 1 ISTE Life Long FDP Sl. No Name of Training Workshop Year Date
 Duration Organizer 1 Coordinators workshop on Engineering Mechanics 1620 September 2013 IITB
 2 Workshop on ENGINEERING MECHANICS 26 NOV to 6 DEC 2013 IITB 3 Coordinators workshop
 on Introduction To Structural Engineering September 28 , 2015 to October 2, 2015 IIT Kharagpur 4
 workshop on Introduction To Structural Engineering January 4th 9th , 2016 IIT Kharagpur 5

Introduction To Sustainable Engineering at College of Engineering, Trivandrum 18th to 20th June 2015 KTU 6 National Skill Qualification Framework sponsored by AICTE 24th to 27th November 2014 ISTE 7 Workshop On Fluid Mechanics May 20 , 2014 to May 30, 2014 ISTE 8 Workshop on Introduction to Research Methodology 25th June 4th July 2012 IITB 9 STTP on Formwork Design One week January 2014 RIT Pampady with TEQIP STTPFDP Organized ACTED AS COORDINATOR FOR TWO WEEKS ISTE STTP ON INTRODUCTION TO STRUCTURAL ENGINEERING ORGANISED BY IITK FROM 30TH NOV 2015 TO 9TH JAN 2016 ACTED AS COORDINATOR FOR TWO WEEKS ISTE STTP ON ENGINEERING MECHANICS ORGANISED BY IITB FROM 26TH NOV TO 6TH DEC 2013 STTPFDP Conference SeminarsWorkshops attended One week FDP on use of Building information modelling tools organized byAISAT Civil Dept from 9th to 11th march 2022 One week FDP on Interaction of coastal development with coastal processes its highlights and challenges organized by NIT Kozhikode from 914 th Dec 2019 One week FDP on AI for COVID19 data analysis and Deep learning from 20th to 24th April 2020 Two Week Short Term Training Programme on Introduction to Structural Engineering under the National Mission on Education through ICT MHRD , Govt of India conducted by IIT Kharagpur from January 4th9th , 2016 at SJCET One week ISTE STTP for coordinators On Introduction To Structural Engineering National Mission On Education through ICTMHRD, govt. of India September 28 , 2015 to October 2, 2015 Faculty Training Programme on Introduction To Sustainable Engineering at College of Engineering, Trivandrum organized by KTU from 18th to 20th June 2015 National Workshop on National Skill Qualification Framework sponsored by AICTE and Accreditation Awareness Programme NBA During ISTE National Convention 24th to 27th November 2014 Two Week ISTE Main Workshop On Fluid Mechanics National Mission on Education through ICT MHRD, Govt. of India May 20 , 2014 to May 30, 2014 ISTE Workshop on Steps 2 Research, IITBombay 2014 One Week STTP on Formwork Design conducted by RIT Pampady under TEQIP January 2014 ISTE Workshop on Creative Teaching, IITBombay 2013 ISTE Workshop on Engineering Mechanics conducted by IIT Bombay from 26th November 6th December 2013. One Week ISTE Workshop for Coordinators On Engineering Mechanics conducted by Prof. Mandar

Inamdar Prof. Sauvik Banerjee from September 16th, 2013 to September 20th, 2013 ISTE Workshop on Green Building Awareness conducted by IIT Bombay on 24th Aug 2013. Two days STTP on QGIS conducted by RIT Pampady under TEQIP February 2013 ISTE Workshop on Introduction to Research Methodology, conducted by IIT Bombay on 25th June 4th July 2012. Induction Training Program on Teaching Excellence Methodologies, sponsored by ISTE Kerala section from 2530 May 2009, at Government Engineering College, Thrissur. Workshop on Advances in Manufacturing Production Management on 2324th April 2009, at SJCET, Palai. Workshop on Energy Management Challenges Future Prospects on 1923rd January 2009, at SJCET, Palai Publications Ajusree P. A. Jenson Jose, 2019, Environmental and Economic Impact Assessment of Flooring Materials, In: Dasgupta, K., Sajith, A., Unni Kartha, G., Joseph, A., Kavitha, P., Praseeda, K. eds Proceedings of SECON19. SECON 2019. Lecture Notes in Civil Engineering, vol 46. Springer. C H Sabarinath, Jinta John, Jenson Jose, EVALUATION OF RISK FACTORS INFLUENCING BUILDING CONSTRUCTION published in International Research Journal of Engineering and Technology IRJET eISSN: 23950056 Volume: 08 Issue: 06 | June 2021

Jikku Thomas SJCET Palai Jikku Thomas Software Development Center 20230725T09:44:1300:00 Prof. Jikku Thomas Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9446305535 Email: jikku.thomassjcetpalai.ac.in Date of Joining:10.08.2020 Education Memberships Experience Publications Conference STTPConference SeminarsWorkshops Awards Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE AMS Engineering College,Salem Anna University 2011 M.Tech. CSE Paavai Engineering college,Salem Anna University 2014 Memberships IEEE Membership IEEE Computer Society Membership IEEE Biometrics Council IEEE Sensors Council IEEE Systems Council ISTE Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Kottayam Institute of Technology Science Assistant Professor 10012017 23072018 Vpv College of Engineering theni Assistant Professor 01052016 31122016 St.Antonys College,Peruvanthannam Assistant Professor 01062015 30042016 Mount Zion College of Engineering, kadammanitta Assistant Professor 21042014

31072015 Publications Conference FLOOD RESCUE MANAGEMENT AND ZONE MAPPING USING GIS AND ADVANCED TECHNOLOGIES On International Research Journal of Engineering and Technology IRJET Volume: 07 Issue: 05 | May 2020 Volume 7 issue 5 ,may 2020. A Device To Communicate With DeafBlind on International Journal of Scientific Research in Engineering and Management IJSREM Volume: 04 Issue: 06 | June 2020 CENTRALISED WEBAPP FOR POLICE ON INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGYIRJET VOLUME: 08 ISSUE: 06 | JUNE 2021. INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH TECHNOLOGY IJERT VOLUME 11, ISSUE 04 PUBLISHED BY, WWW.IJERT.ORG ISSN: 22780181 SMART BASKET 6TH NATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING TECHNOLOGIES RTACR 22 ORGANIZED BY DEPARTMENT OF CSE, SREE BUDHA COLLEGE OF ENGINEERING , PATTOOR. RESEARCH PAPER TITLED : SECURE 2ND NATIONAL CONFERENCE ON ADVANCES IN SMART COMPUTING AND DATA SCIENCE NCASCD 23 MAR BASELIOS CHRISTIAN COLLEGE OF ENGINEERING TECHNOLOGY,KUTTIKANAM,PEERMADE,IDUKKI 685531, PAPER TITLED: SMART BASKET, PAPER ID:NCASCD23036 STTPConference SeminarsWorkshops AIML ToT conducted from 20th September to 25th September 2018 at Ahalia School of Engineering Palakkad. Robotic Process Automation Training of Trainers program from 3rd to 4th October 2019 at Government Engineering College Barton Hill, Thiruvananthapuram Cybersecurity Ethical hacking by IIT MADRAS Event 29th and 30th march 2019 in St. Josephs College of Engineering, Seminar on AICTE Quality Initiatives .organized by AICTE, Ministry of HRD on 06th march 2020, venue FISAT ,Angamaly FDP on quantum computing organized by all India council for technical education AICTE training and learning ATAL academy sponsored June 1 5 2020 FDP on Learning Management System, from 10 15 August 2020,St. Josephs College of Engineering and Technology, Palai AICTE Sponsored Short Term Training Programme STTP Phase II on Robotics, Artificial Intelligence and Control, Organized by Department of Electronics, Toc H Institute of Science Technology, Ernakulam from 30112020 to 05122020. Two week AICTE Sponsored Faculty Development Programme Machine Learning and deep learning A handson Approach from 719 December 2020 organized by Division of Electronics

Engineering, School of Engineering, Cochin University of Science and Technology, Kochi, Kerala. AICTE sponsored six days online Short Term Training Programme on Emerging Trends in Cryptography and its Applications in CYBER SECURITY organized by the Department of Computer Science and Engineering from 14th December 2020 to 19th December 2020 FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON BLOCKCHAIN TECHNOLOGY ITS APPLICATIONS FROM 16TH TO 20TH JANUARY 2023 AT SJCET, PALAI SPONSORED BY APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM. Awards Diploma is presented to the contribution to increasing RPA skills in academia from UiPath 2023

K V Somaathan Asari SJCET Palai K V Somaathan Asari Software Development Center 20190112T09:46:0700:00 Mr. K V Somaathan Asari Instructor Department of Mechanical Engineering Qualification:Diploma Date of joining: 28072011 Association with institution: Regular

Justin Jose SJCET Palai Justin Jose Software Development Center 20240805T05:12:1900:00 Prof.Justin Jose Assistant Professor Department of Civil Engineering Mobile Number: 9447780597 Email:justinspk@gmail.com Date of joining : 13022017 Association with the institution: Regular Education Experience FDPSTTP Attended Conferences Funded Projects Education Sl. No Qualification University Institution Year of passing Specialization 1 B.Tech MG SJCET PALAI 2011 Mechanical Engineering 2 M.Tech CALICUT Government Engineering College, THRISSUR 2014 IC Engines Turbomachinery Experience Teaching Experience : 4 Years and 5 months as Assistant Professor and 11 months as Lecture Sl. No Name of the college/Industry Designation Experience Years Months 1 St. Josephs College of Engineering Technology, Palai Assistant Professor 1 Year and 11 Months, as on January 2019 Still Continuing 2 BTC College of Engineering Technology, Koothattukulam Assistant Professor 2.Years and 6 Months 3 Visveswaraya Institute of Engineering Technology, Mattakkara, Karimpany P.O, Kottayam Lecturer 11 months Membership in Professional Bodies : Nil Faculty Development Programme Sl. No Name of Training/Workshop Year Date Duration Organizer 1 Guidance and counselling 2017 December, 5 days ISTE Staff Chapter SJCET

2 Workshop on NBA Accreditation 18th and 19th June 2018 SJCET Palai 3 Workshop on Machine learning and AI in predicting Climate change 07092018 Mechanical Engineering Association of SJCET 4 Training on ISO9001:2015 Awareness 28th June 2018 Zandig TQM Solutions PVT Ltd 5 Renewable Energy Opportunities and Challenges 9th November 2018 SJCET Palai 6 Fluid Dynamics and Turbomachinery MOOCs AugustSeptember 2018 8 Weeks NPTEL IIT Madras FDPSTTP Attended Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Guidance and counselling 2017 December, 5 days ISTE Staff Chapter SJCET 2 Workshop on NBA Accreditation 18 th and 19 th June 2018 SJCET Palai 3 Workshop on Machine learning and AI in predicting Climate change September 7, 2018 Mechanical Engineering Association of SJCET 4 Training on ISO9001:2015 Awareness 28 th June 2018 Zandig TQM Solutions PVT Ltd 5 Renewable Energy Opportunities and Challenges 9 th November 2018 SJCET Palai 6 Fluid Dynamics and Turbomachinery MOOCs AugustSeptember 2018 8 Weeks NPTEL IIT Madras 7 Recent advances in Manufacturing Engineering 2019,5 days APJAKTU SJCET Pala 8 Thermal Energy System Modelling and Optimization 2020,2 days School of Mechanical Engg, Vellore Institute of Technology 9 NPTEL: Fundamentals of Compressible Flow ,8 Weeks NPTEL: AICTE Faculty Development Programme 10 ATAL FDP: Novel Materials 2021,5 days AICTE ATAL FDP, Defence Institute of Advanced Technology 11 Trends in Mechatronics and manufacturing 14112022 18112022 NITTR CHENNAI 12 Computer Integrated Manufacturing 09012023 13012023 NITTR CHENNAI 13 Orientation Programme for NSS Programme Officers 16082022 18082022 APJAKTU SAINGITS KOTTAYAM 14 Contemporary Breakthroughs in the Technologies of Industry 4.0 22082022 24082022 APJAKTU VIMALJYOTHI ENGG COLLEGE 15 Engineering Drawing and Computer Graphics 25072022 14102022 NPTEL,IIT KHRAGPUR 16 Inverse problems in engineering 15092022 17092022 St.Thomas engg college Chenganoor Conferences International Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Energy and Exergy Analysis of Ruston Diesel Engine International Conference on Advanced Trends in Engineering and Technology Vimal Jyothi Engineering College, Chemperry, Kannur 28032014 National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Experimental study on a

polycrystalline Silicon Solar Panel with Heat Pipe Assisted Cooling. National Conference on Emerging Trends in Engineering Government Engineering College, Kozhikode 29082014 Funded Projects Year Project Title Funding Agency Amount 2018 Development of PEMFC stack for domestic applications ANERT Rs. 600000

Juney M George SJCET Palai Date of joining SJCET : 01032011 Status as on date of joining : LECTURER Present status : PERMANENT Sl. No Name of Training Workshop Year Date Duration Organizer 1 Electronics Education A System Approach 2511 to 2511 5 days SJCET, Palai 2 Basic Electronics 280611 to 080711 11 days IIT Bombay 3 Introduction to Research Methodology 250612 to 40712 10 days IIT Bombay 4 Modular workshop on Embedded Android on Beagle Board 41212 to 71212 4 days Cambridge Institute of Technology, Bangalore 5 Analog Electronics 40613 to 140613 11 days IIT Kharagpur 6 ARM Processor in Embedded Systems 191113 231113 5 days RIT Pampady 7 Workshop on FPGA VHDL 4313 to 6313 3 days College of Engineering, Kidangoor 8 Image Processing with MATLAB 101114 to 141114 5 days College of Engineering, Kidangoor 9 Embedded Systems 40116 080116 5 days College of Engineering, Kidangoor 10 C Programming and assembly Jul/Aug 2019 NPTEL: IIT Madras 11 Falling in love with Linux 9122019 14122019 6 days RIT, Pampady, Kottayam 12 Microprocessors and microcontrollers Jan/April 2020 12 week NPTEL: IIT Karaghpur 13 ARM Cortex Microcontrollers 1719 June 2020 NIT Calicut 14 Constitutional Studies Sep/Dec 2020 12 week NPTEL: IIT Madras 15 The Joy of Computing using Python Sep/Dec 2020 12 week NPTEL: IIT Madras 16 Application of Artificial Intelligence Technique in overcoming the challenges of healthcare industry 16112020 21112020 6 days Knowledge Institute of Technology, Salem, Tamilnadu 17 IOT and data science 28122020 212021 6 days SJCET, Palai 18 Embedded Systems 332021 632021 4 days College of Engineering, Kidangoor TEQIP II 19 Research aspects on Deep Learning in Image and Video processing 412021 912021 6 days Vellamal Institute of Technology, Chennai 20 Advanced MicroNano Sensor Technologies: Modelling, Simulation and Fabrication 572021 972021 5 days NIT Calicut 21 Biomedical Signal Processing Jan/Apr 2022 12 week NPTEL: IIT Madras 22 Digital Image processing July/Oct 2022 12

week NPTEL: IIT Madras 23 Python for data science JanFeb 2023 4 week NPTEL: IIT Madras

International Journals Sl.NoTitle of PaperName of journalPublisherYear, Volume ISSNISBN No. 1
 Design of an Embedded Platform for Patient Monitoring Applications Using COSII International
 Journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering IJAREEIE
 IJAREEIE Vol. 2, Special Issue 1, December 2013, ISSN Print : 2320 3765, ISSN Online: 2278
 8875 2 Implementation Of Memory Protection In RTEMS RTOS International Journal Of Electronics
 And Communication Engineering Technology IJECET International Association of Engineering and
 Management Education IAEME Volume 5, Issue 10, October 2014, pp. 8085 ISSN 0976 6464Print
 ISSN 0976 6472Online 3 Development of 6LoWPAN in Embedded Wireless System RAEREST
 2016 ELSEVIER Procedia Technology 25 2016 513 519 4 Braille based Communication gloves
 Journal Of Imerging Technologies and Innovative Research JETIR Volume 8, Issue 6, June 2021, 5
 Smart Combined Sewer Monitoring System International journal for research trends and innovations
 IJRTI Volume 7, Issue 6 | ISSN: 24563315 International Conferences Sl. No. Title of the PaperName
 of the Conference 1 Comparative Analysis of a NAND Gate and a 2bit Magnitude Comparator using
 GDI Technique International Conference on Emerging Trends and Innovations in Engineering and
 Technological Research ICETIETR 2 Cardiocare: Prediction Of Heart Health With Machine Learning
 Classification Models Advanced Wireless Communication and Pervasive Technologies ICAWCPT
 23

Jyothi P Jose SJCET Palai Jyothi P Jose Software Development Center 20230714T05:36:5100:00

Jyothi P Jose Assistant Professor Department of Science and Humanities Mobile
 Number:9495084900 Email:jyothi.p.josesjcetpalai.ac.in Date of joining: 02112009 Nature of
 association: Regular Education Membership FDP Education

Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 M.Sc M G University St.
 Thomas College , Pala 2007 Pure Chemistry 2 B.Ed M G University St. Thomas College of Teacher
 Education, Pala 2009 Physical Science Membership ISTE LM 131809 FDP FDP on R organized by
 Mar Thoma College Thiruvalla 0709202014092020 FDP on Guidance Counselling SJCET PALA

Jilse Sebastian SJ CET Palai Jilse Sebastian Software Development Center

20230810T10:44:0800:00 Dr. Jilse Sebastian Associate Professor Department of Mechanical

Engineering Mobile Number: 9447568494 Email:jilsesebastian@gmail.com Date of joining:27062006

Association with the institution: Regular Education Experience Memberships FDPSTTP Attended

Publications Administration Positions Funded Projects Education Sl.

NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi

University, Kottayam Rajiv Gandhi Institute of Technology, Kottayam 2005 Mechanical Engineering

2 M.E. Anna University Chennai College of Engineering Guindy 2010 Internal Combustion

Engineering 3 Ph.D National Institute of Technology Calicut National Institute of Technology Calicut

2018 Energy Engineering Experience Sl. NoName of the collegeIndustryDesignationExperience 1

Eastern Condiments Pvt. Ltd. Ernakulum Assistant Mechanical Engineer 3 Months 2 Indus Uth Pvt.

Ltd. Assistant Mechanical Engineer 3 Months 3 SJ CET Palai, Assistant Professor 27062006

01072018 4 SJ CET Palai, Associate Professor 01072018 till date Memberships Sl. NoName of

InstitutionType of MembershipMembership ID 1 Indian Society for Technical Education Life time LM

52501 2 Society of Mechanical Engineers SAE INDIA Professional Membership 7180410241 3

Indian Society for Heat and Mass Transfer Life time Membership 1342 RCT 312 FDPSTTP

Attended Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Teaching Excellence and

Methodologies 23rd 28th May,2007 Indian Society For Technical Education 2 Staff Development

Programme on Design for Manufacturing and Assembly 23rd April to 04th May 2007 Amrita Viswa

Vidyapeetham,Coimbatore 3 Workshop on Finite Element Methods 14th June 2007 SJ CET, Palai 4

Workshop on Accreditation 28th30th June 2007 SJ CET, Palai 5 Short Term Training Programme on

Engineering Design Principles and New Product Development 30th June to 5th July 2008 Indian

Institute of Technology, Madras 6 Oneweek workshop on Energy ManagementChallenges and

Future Prospects 19th 23th January, 2009 SJ CET, Palai 7 Theory, Programming and machining

operations of CNC machine 1st 4th November 2010 SJ CET, Palai 8 Five day workshop on

Manufacturing Management 7th 11th February 2011 SJCET, Palai 9 Two week ISTE workshop on Thermodynamics in Mechanical Engineering 14th 24th June 2011 ISTE, IIT Bombay, SJCET Palai 10 Two week ISTE workshop on Heat Transfer 29th November 10th December 2011 ISTE, IIT Bombay, SJCET Palai 11 Fiveday ISTE workshop for coordinators on Computational Fluid Dynamics 12th 16th March 2012 ISTE, IIT Bombay 12 Twoweek ISTE workshop on Introduction to Research Methodologies 25th June to 04th July 2012 ISTE, IIT Bombay, SJCET Palai 13 International Conference on Emerging Trends in Oleo chemicals and Lipids Expo OLEO2013 8th 10th August 2013 CSIRIndian Institute of Chemical technology, Hyderabad 14 National meet for Research Scholars in Mechanical Engineering 3rd 4th July 2015 TEQUIP II, NIT Calicut 15 Workshop on Pursue, Publish, Prosper 30th March 2016 ISTE Staff chapter, SJCET Palai 16 Workshop on Research Writing: Technical and Language Aspects 12th February 2017 NIT Calicut 17 2nd Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology RAEREST 2018 20th 21st April 2018 SJCET Palai 18 Rural Innovators Meet 2018 14th 16th May 2018 M S Swaminathan Research Foundation, Wayanad 19 Two day training programme on NBA accreditation 18th 19th June 2018 SJCET Palai 20 Training course on ISO 9001: 2015 Awareness 28th June 2018 SJCET Palai 21 Workshop on Machine Learning 7th September 2018 MEA, ASME SJCET chapter 22 International Workshop on Water Resource for Development 17 October 2018 Renewable Energy Centre MITHRADAM 23 NPTEL course on Plastic Waste Management February April 2019 NPTEL IIT Kharagpur 24 Recent advances in Manufacturing Engineering 2019,5 days APJAKTU SJCET Pala 25 NPTEL: Plastic Waste Management 2019,8 Weeks NPTEL IIT Madras 26 Integrated Waste Management for a Smart City ,12 weeks NPTELAICTE Faculty Development Programme 27 KTU FDP: Additive Manufacturing and 3D Printing 2021,3 days KTU, SJCET Palai 28 Graphical system Design using Labview 2301202328012023 NITTR CHENNAI 29 Waste water recycle and management JULOCT 2022 NPTEL IIT CHENNAI Publications International Journals

Sl.No	Title of Paper	Name of Journal	Publisher	Year	Volume	ISSN	ISBN No.
1	A comparative study between chemical and enzymatic transesterification of high free fatty acid contained rubber seed oil for biodiesel production	Cogent					

Engineering Tylor and Francis 2016, Vol. 3, No. 1, pp. 112

2 Enzyme catalyzed biodiesel production from rubber seed oil containing high free fatty acid International Journal of Green Energy Tylor and Francis 2017, Vol. 14, No. 8, pp. 687-693.

3 Enzymatic Transesterification of Rubber Seed Oil using *Candida antactica* lipase B Journal of Advanced Engineering Research Indtech Publishers 2017, Vol. 4, No. 2, pp. 104-108.

National Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year,	Volume	ISSN/ISBN	
No. 1	TwostrokeFourstroke Switchable Engine Concept	SJCET Journal of Engineering Management	SJCET Palai	2009,	Vol. 2,	No.2	
2	Our Scientific Heritage	Kerala School of Mathematics	SJCET Journal of Engineering Management	SJCET Palai	2012,	Vol. 6,	No.1
3	Modern Trends in PreJob Training: A Disagreement Note	SJCET Journal of Engineering Management	SJCET Palai	2014,	Vol. 7,	No.1	

International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	An Experimental Performance Evaluation of Nozzles Used in Vortex Tubes	15th ISME International Conference on New Horizons of Mechanical Engineering	Rajiv Gandhi Technological University Bhopal,	18-20th March 2008
2	Experimental Study on Influence of Fuel Oxygen Content on Combustion and Emission Characteristics of a Direct Injection C.I. Engine	SAE 2010 Commercial Vehicle Engineering Congress	Illinois State University Rosemont, Illinois, USA	October 5-6, 2010
3	Studies on Acid Value Reduction of Rubber Seed Oil and Biodiesel Production	International conference on Environment and energy	Jawaharlal Nehru Technological University Hyderabad,	15-17 December 2014
4	Kinetic and experimental optimization for esterification of high free fatty acid rubber seed oil	International Conference on New Frontiers in Chemical, Energy and Environmental Engineering	NIT Warangal,	20-21 March 2015
5	Biodiesel production from rubber seed oil containing high free fatty acid using enzymatic transesterification	Global Energy Technology Summit	NTPC Ltd., Power Management Institute PMI , Noida,	8-9 November 2015
6	Enzymatic transesterification of rubber seed oil using <i>Rhizopus oryzae</i> lipase	1st Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology	St. Josephs College of Engineering Technology, Palai,	22-23 April 2016.
7	Extraction of Oil from Rubber Seed through Hydraulic Press and Kinetic Study of Acid Esterification of Rubber Seed Oil	1st Global Colloquium in Recent Advancement and Effectual Researches in Engineering,		

Science and Technology St. Josephs College of Engineering Technology, Palai, 22 23 April 2016. 8

Influence of temperature on chemical kinetics of alkali transesterification of rubber seed oil

International Conference on Renewable and Sustainable Energy Hindustan College of Engineering and Technology, Coimbatore 1213 April 2017 9 Experimental Evaluation of Physical, Chemical and Combustion Characteristics of Enzymatic Biodiesel 2nd International Conference on Alternative Fuel Energy Daegu, South Korea, 23 25 October, 2017 10 Optimisation of energy and materials in acid esterification of rubber seed oil through RSM and ANN 24th National and 2nd International ISHMTASTFE Heat and Mass Transfer Conference BITS Pilani, Hyderabad Campus, 2730 December 2017 11 Pyrolysis Process to Produce Fuel from Plastic A Review 2nd Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology St. Josephs College of Engineering Technology, Palai, 21 22 April 2018

Conference Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	DOE Analysis Applied for Enzymatic Transesterification of High FFA Rubber Seed Oil	National Conference On Recent Trends in Mechanical Engineering	JNTUH College of Engineering Hyderabad,	28 29 April 2016
2	Mathematical modelling of acid esterification of rubber seed oil by response surface methodology and artificial neural network	National Conference on Energy, Economy and Environment		1617 December 2016
3	Kinetic study of alkali catalysed transesterification of rubber seed oil	National Conference on Energy, Economy and Environment		1617 December 2016
4	Enzymatic Transesterification of Rubber Seed Oil using Candida antactica Lipase B	National Conference on Energy, Economy and Environment		1617 December 2016
5	Experimental Evaluation of Physical, Chemical and Combustion Characteristics of Enzymatic Biodiesel	National Conference on Internal Combustion Engines and Combustion,	National Institute of Technology Karnataka, Surathkal,	15 17 December, 2017
6	Plastic Bottle Recycling Machine	Rural Innovators Meet 2018	M.S. Swaminathan Research Foundation, Wayanadu,	1416 May 2018

Administration Positions

Sl. No	Type	Position	Held	Duration
1	Gate Training Program	GTP 2012	Faculty Coordinator	August 2011 February 2012
2	International Conference on Mechanical Engineering Technologies	2012 iCoMet 2012	Organizing Secretary	20, 21 January 2012
3	FDP on Computational Fluid Dynamics	by IIT Bombay	Ekalyva	

Education through ICT Coordinator 12 22 June 2012 4 Group Tutorship Group Tutor 20092013 ME Batch July 2010 June 2013 5 ISTE Staff chapter SJ CET Secretary June 2011 to July 2014 6 SJ CET Journal of Engineering and Management Associate Editor June 2011 to July 2014 7 Intercollegiate Technical Fest of SAEINDIA Collegiate Club IGNITION 2K14 Faculty Coordinator January 31, 2014 8 SAEINDIA Collegiate club Faculty Advisor July 2010 to July 2014, July 2017 continuing 9 Class Mentor Mentor 2017 2021 ME B Batch August 2017 onwards 10 Heat Engines Laboratory Laboratory in charge July 2010 July 2014, August 2017 onwards 11 SAEINDIA NIS Efficycle 2018, 2019, 2020 teams Faculty Mentor January 2018 onwards 12 SAEINDIA BAJA 2018, 2019, Mega ATV Championship 2019 Faculty Mentor January 2018 onwards 13 One day Workshop on Renewable Energy: Opportunities and Challenges Coordinator November 9, 2018 14 Intercollegiate TechFest ASTHRA 2K19 Faculty Coordinator 7 8 February 2019 15 Merit Day2019 CoCoordinator May 18, 2019 16 APJAKTU Sponsored FDP on Recent Advances in Fuel Cell Technology Coordinator 8 12 July 2019 17 SAEINDIA Lecture Meet: IC Engine Emission Control Technologies Faculty Coordinator August 31, 2019

Funded Projects	Sl. No	Project Title	Funding Agency	Amount	Duration
1	Development of Kinetic Model for Biodiesel Production from Rubber Seed Oil through Experimentation and Characterization	TEQUIP II, NIT Calicut	70,000	February March 2017	
2	Experimental investigations on performance and emission characteristics of CI engine fueled by plastic oil derived from polyethylene waste plastic	CERD APJAKTU, Kerala	1,40,000	Research Seed Money December 2018 December 2021	
3	Performance and emission analysis of Diesel engine fuelled with blend of biodiesel from waste cooking oil, pyrolysis plastic oil and diesel	CERD APJAKTU, Kerala	45,000	Student Project Fund January June 2020	
4	Experimental investigations on performance and emission characteristics of CI engine fueled by plastic oil derived from polyethylene waste plastic	CERD, APJ Abdul Kalam Technological University	Rs. 140000	2018	
5	Performance and emission analysis of Diesel engine fuelled with blend of biodiesel from waste cooking oil, pyrolysis plastic oil and diesel	CERD, APJ Abdul Kalam Technological University	Rs. 45000	2020	
6	Design Development of Patient Specific Biomedical Devices using SLA Additive Manufacturing with Bio plastics	AICTE	Rs. 17,10,000	2022	
7	Synthesis of photo curable resin from				

cellulose nanocrystals CERD, APJ Abdul Kalam Technological University Rs.32,000 2023

Kishore Sebastian SJCET Palai Kishore Sebastian Software Development Center
20210114T06:37:0800:00 Prof. Kishore Sebastian Assistant Professor Department of Computer
Science Engineering Mobile Number: 91 9656800223 Email: kishore.sebastiansjcetpalai.ac.in Date
of Joining :16082007 Type of Association:Regular Education Publications STTP Conference
Seminars Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. IT
Muthayammal Engineering College ANNA University 2005 M.Tech. CSE Muthayammal Engineering
College ANNA University 2007 Ph.D. CSE PRIST University PRIST University Pursuing Publications
A nobel model of feature extraction for lung cysts detection in CT image using minutiae based
mumford and shah functional model in Taylor Francis journals A nobel Diagnostic Model For Lung
Cancer Detection using Mumfordshah and SVM Classifier in International Journal of Innovative
Technology and Exploring Engineering IJITEEISSN:22783075 Malayalam speech to text conversion
in International Research Journal of Engineering and Technology STTP Conference Seminars IP
Speaker with Sip and Smart Notification System in ICCIDT2K19 Design of Image Processing
Algorithms for Quality Enhancement of MR Images in International Conference on ISMAC in
Computational Vision and BioEngineering ,Vivekanandha College of Technology for Women, Tamil
Nadu, India Data Mining Technique CRISPDM for Detect Cyber Attack in International Conference
Code:SLMM1805 A Data Mining Concept for Detect Attacks in International Conference
ICCISCON18 Review on Energy Harvesting and Data Collection in RAEREST2018 CAD based
modelling of optical fibres and photonic devices for communication, sensing and industrial
applications I NIT Tiruchirappalli.

K J George SJCET Palai K J George Software Development Center 20220428T04:19:5400:00 Dr. K
J George Professor Department of Civil Engineering Education Memberships FDP Publication
Awards Achievements Seminar Workshops Education SL.NO.UniversityInstitutionSpecialization
B.Tech Calicut University Govt. Engg. College Thrissur Civil Engg. M.Tech Calicut University NIT

Calicut Traffic and Transportation Planning Ph.D Calicut University NIT Calicut Civil Engg.
Memberships ISTE INSTITUTE OF VALUERS INSTITUTION OF ENGINEERS, INDIA IRC, New
Delhi FDP BRIDGE ENGINEERING, GEC THRISSUR Publication IRC JOURNAL, HRB BULLETIN
1990. Attended National Systems Conference, New Delhi in 1986 Awards Achievements First Ph. D.
in Engineering in Calicut University Organised Harithakeralam activities in Kottayam Dt during
20182019 Seminar Workshops Attended workshop at Ramapuram St. Augustinoes College,

Lekshmi M SJCET Palai Lekshmi M Software Development Center 20241029T03:43:5400:00 Prof.
Lekshmi M Assistant Professor Department of Computer Science and Engineering Cyber Security
Mobile Number: 91 8281455273 Email: lekshmisjcetpalai.ac.in Date of joining SJCET: 172024
Education Experience Conference and seminar and Journal Workshops FDP STTPFDP
CONFERENCE SEMINARSWORKSHOPS PARTICIPATED MOOC Courses Technical Talk
Education SI noQualificationUniversityInstitutionYear of passingspecialization 1 BTECH CUSAT Toc
H institute of Science and Technology 2012 Computer Science and Engineering 2 MTECH
CALICUT Nehru College of Engineering and Research Centre 2015 Computer Science and
Engineering Experience SI noName of CollegeIndustryDesignationPeriod 1 IHRD College,
Puthupally Assistant Professor 23012017 to 31032018 2 St Michaels College Assistant Professor
06062019 to 19112021 3 NSS College of Engineering Assistant Professor 25112021to 10062022 4
St Michaels College Assistant Professor 13062022 to 31032024 Conference and seminar and
Journal Scrutinization of energy efficient routing algorithms in wireless adhoc network at IEEE
2ndInternational conference on Knowledge collaboration held at Kathir College of Engineering .
Hardware Acceleration of background Modelling in compressed domain at National Conference on
innovations in Next generation Computing and Communication Technology. A Cluster based routing
in wireless adhoc network to enhance the energy Efficiency in international Journal forInnovative
research in Science and Technology. Participated in an International Seminar on Responsible
Tourism at St Michaels College Cherthala. Workshops 15 days training on Big Data Mining 2 days
workshop on Research Methodologies and effective documentation using latex 1 day on Respecting

IPR in an academic environment 1 day on Specific Absorption Rate and its health effect. 1 day on Workshop on outcome based education information and Communication Technology FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Research Jurisdiction and Methodological Retreat 10th to 12th July 2024 3 days Carmel College of Engineering Technology 2 Network Security Tools and Implementation 15th and 16th July 2024 2 days Vimal Jyothi Engineering College 3 Artificial Intelligence and Robotics 15th to 19th July 2024 5 days Department of Artificial Intelligence and Machine Learning, Mahaguru College in association with pencil bitz STTPFDP CONFERENCE SEMINARWORKSHOPS PARTICIPATED IEEE 2nd International conference on Knowledge Collaboration held at Kathir College of Engineering. National Conference on Innovations in Next generation Computing and Communication Technology International Seminar on Responsible Tourism at St Michaels College Cherthala. 15 days hands on training on Big Data Mining at Elysium Technologies 2 days workshop on Research Methodologies and Effective documentation using Latex at Nehru College of Engineering and Research Centre 1day workshop on Respecting IPR in an academic environment at St Michaels College, Cherthala 1day workshop on Specific Absorption Rate and its Health effect at Nehru College of Engineering and Research Centre 1day Workshop on Outcome based Education Information and Communication Technology at St Michaels College, Cherthala 1day Workshop on Deep Dive into Software Testing at Spectrum Technologies 1day Workshop on Unlock the power of MEARN at Spectrum Technologies 1day Workshop on How to build a career in Cyber Security at Spectrum Technologies MOOC Courses Completed a Course AI for India 2.0 bySkill India digital Completed a course Python by Skill India Digital Technical Talk Talk on Recent Trends in Technology for NSS volunteers of NSS HSS Anickadu Talk on Basics of computing For NSS volunteers of NSS HSS Anickadu

Kunjumon M T SJ CET Palai Kunjumon M T Software Development Center 20190112T09:59:1600:00 Mr. Kunjumon M T Trade Instructor Department of Mechanical Engineering Qualification: ITI Date of joining: 12092002 Association with institution: Regular

Ligi Simon SJ CET Palai Ligi Simon Software Development Center 20190117T12:08:3800:00 Ms. Ligi Simon Instructor Department of Civil Engineering Mobile Number: 91 8547639751 Email: prakashligi79gmail.com Date of Joining: 15062012 Education Experience Staff Development Programme Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 T.H.S.S.L.C Board of Technical Education T.H.S. Purapuzha 1994 Electronics 2 Diploma Board of Technical Education Govt. Polytechnic, Muttom 2000 Civil Engineering Experience Industrial Experience Sl. NoName of the IndustryDesignationExperience Years Months 1 Associated Building Consultants. Thodupuzha Draftsman 3Years Education Institutional Experience Sl. NoName of the IndustryDesignationExperience Years Months 1 Amal Jyothi college of Engineering and Technology Instructor 7 Years Staff Development Programme Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Basic First Aid Training 29062018 Arbit Safety and Engineering Solution Pvt. Ltd

Lallu Mol K Johny SJ CET Palai Lallu Mol K Johny Software Development Center 20200702T02:26:0500:00 Prof. Lallu Mol K Johny Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9567950212 Email: lallumolkjohnysjcetpalai.ac.in Date of Joining: 22072013 Appointment: Permanent Education Experience Memberships FDP Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G University, Kottayam Mar Athanasius College of Engineering, Kothamangalam 2011 Electrical Electronics Engineering 2 M.Tech University of Calicut, Malappuram GEC, Thrissur 2013 Power Electronics Experience Industrial Experience : Nil Teaching Experience : 7 years St. Josephs College of Engineering and Technology, Palai: Assistant Professor: 22072013onwards. Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 Indian Society for Technical Education Life Membership LM 104075 FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 1 day ISTE eworkshop on Creative Teaching 5th Oct 2013 Dept. of CSE, AJCE Kanjirappally in association with ISTE Kerala 2 Learning and Development Intervention FEEL Teacher 12th to 14th Dec 2013 College for Leadership and Human Resource

Development CLHRD, Mangalore at SJ CET Palai 3 Workshop on Formulating and Evaluating Course Outcomes in Engineering Education 10th 11th Feb 2014. TEQIP II, College of Engineering, Kidangoor 4 FDP on Research, Innovations and Technologies for Smart Grid 08th to 14th June 2014 NIT, Calicut 5 ICT enabled Short Term course on Solid State Control of Electric Drives 21st July to 25th July 2014 MHRD National Institute of Technical Teachers Training Research, Chandigarh at SJ CET Palai 6 Workshop on Energy Conservation Management Opportunities, Challenges Policies 30th 31st Oct 2014 Dept. of EEE, MACE Kothamangalam and Kerala State Council for Science, Technology Environment KSCSTE 7 Workshop on LabVIEW for engineers and researchers 12th Nov to 14th Nov 2014 Dept. of EEE, MACE Kothamangalam 8 ICT enabled 2 week ISTE workshop on Control Systems 2nd Dec to 12th Dec 2014 Conducted by IIT Kharagpur at SJ CET Palai 9 STTP ON Electric Power Generation, Transmission Distribution 01st 03rd March, 2016 CAPE, Kidangoor 10 2 week ISTE STTP on ELECTRIC POWER SYSTEM 10th to 15th July 2017 IIT Kharagpur under National Mission on Education through ICT MHRD, Govt. of India at SJ CET Palai 11 FDP on Distributed Generation Smart Grid 27th to 28th July 2018 EEE Department, FISAT, Angamaly 12 FDP on Introduction to Smart Grid AugSept 2018 NPTEL AICTE Publications

International Journals	Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN	ISBN No.
Reversing Voltage Reduced Switch Multilevel Inverter	1		International Journal of Engineering Technology, Management, and Applied Sciences	IJETMA	Vol 3, Issue 8, Aug 2015		
Conferences	Sl. No.	Title of the Paper	Name of the Conference	Venue	Date		
1		A Flyback DCM DCAC Converter for PV Applications	Annual International Conference on Emerging Research Areas and		2013		
2		PV fed Flyback DCAC Inverter with MPPT Control	Annual International Conference on Emerging Research Areas: Magnetics, Machines and Drives	AICERAI CMMD	2014		
3		A new Flyback based DCAC Converter Without Centre Tapping for PV Applications	National Conference on Innovative Emerging Strategies in Power,				

Energy and Control IESPEC13 IES College of Engineering, Chittilappilly, Thrissur 7th to 8th March, 2013

Libina Rose Sebastian SJ CET Palai Libina Rose Sebastian Software Development Center
20240831T06:28:0400:00 Prof. Libina Rose Sebastian Assistant Professor Department of Computer
Science and Engineering Cyber Security Mobile Number: 91 9567777396 Email:
libina.libugmail.com Date of joining SJ CET: 08072024 Education Experience Papers Published
Conference Workshop Education Degree Specialization Institution University Year of Passing B.tech
Information Technology SCAD College of Engineering and Technology, Tirunelveli Anna University,
Chennai 2012 M.Tech Information Technology St. Josephs College of Engineering and Technology,
Palai MG University, Kottayam 2015 Experience JPM Arts and Science College, Labbakkada
Lecturer 01062016 to 28032018 Sahyajyothi Arts and Science College, Kumily Lecturer 12012022 to
02062022 BVM Holycross College, Cherpunkal Lecturer 04012024 to 30042024 Papers Published
Published the paper Challenges with Big Data Mining : A Review in IEEE 2015 International
Conference on Soft Computing and Network Security ICSNS 2015. Published the paper Essentiality
of Localized On Demand Link State LOLS Routing in IP Network in international journal of research
in computer and communication technology IJRCCT. Conference Presented the paper Essentiality of
Localized On Demand Link State LOLS Routing in IP Network at NATCCOM 2k14, national
conference held by Christ Knowledge City , Muvattupuzha. Presented the paper Peer to Peer Live
Streaming with Reduced Delay and Recording at ICETT, International Conference held by Baseli
Mathews II College of Engineering, Kollam. Presented the paper Challenges with Big Data Mining :
A Review at ICSNS, an International Conference conducting by SNS College of Engineering ,
Coimbatore. Presented the paper Text Classification Using Nave Bayes : A Review at ICCEECON,
International conference held by Christ Knowledge City , Muvattupuzha Workshop Attended
workshop on LATEX, a type setting tool held at AmalJyothi College of Engineering, Kanjirappally.
Attended workshop on NS2, network simulator held at Federal Institute of Science And Technology,
Angamaly. Attended implant training on Basic Telecom Technology conducted by BSNL.

Lakshmi G SJCET Palai 1Presented a Paper titled Improved Data hiding in Images by Reserving Room Before Encryption held on 25th February 2014 on third International Conference on Competency Building Strategies in business and Technology for Sustainable development. 2 Presented a Paper titled Improved Data hiding in Images by Reserving Room Before Encryption held on 2nd National Conference on Innovations in Computer Technology and Communication. 3Conducted and Participated in 3days Hands on Workshop on Deep Learning with Python jointly organized by department of Science and Technology and M.G University on 8,9,10 of December 2021

Liju Mathew R SJCET Palai Liju Mathew R Software Development Center 20230822T10:37:5300:00
 Prof.Liju Mathew R Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9400994950 Email:lijumathewsjcetpalai.ac.in Date of Joining: 14122011 Appointment: Permanent Education Experiance Memberships Publications Training Programmes Organized Training Programmes Attended MOOC Courses Consultancy Works Research Interests Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi University Mangalam College of Engineering, Ettumanoor 2009 Electrical and Electronics Engineering 2 M.Tech Mahatma Gandhi University Rajiv Gandhi Institute of Technology, Kottayam 2011 Industrial Drives and Control Experiance St. Josephs College of Engineering and Technology, Palai: Assistant Professor: 14122011 onwards. Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE Life Member LM90158 Publications International Journals Sl.NoTitle of PaperName of journalPublisherYear,Vol,ISSNISBN 1 A Three Level Neutral Point Clamped Inverter with BuckBoost capability for Renewable Energy Sources IET 9789380430003 2 New cascaded Multilevel inverter Topology with reduced number of switches International Advanced Research Journal in Science, Engineering and Technology 2015 Vol.2 23938021 International Conferences Sl. No. Title of the PaperName of the ConferenceVenue Date 1 A Three Level Neutral Point Clamped Inverter with BuckBoost capability for Renewable Energy Sources International

Conference on Sustainable Energy and Intelligent Systems SEISCON 2011 Chennai, 2022 July

2011 Training Programmes Organized Coordinator of Global Student Solar Ambassadors workshop conducted by IIT Bombay at St. Josephs College of Engineering and Technology, Palai on 2nd October 2019. Training Programmes Attended Faculty Development Programme on Electrical System Design Estimation, sponsored by TEQIP II and organized by Department of Electrical Engineering, TKM College of Engineering, Kollam, from 16/01/2023 to 21/01/2023. Online Short Term Training Program on Potential Areas in Renewable Technologies and Grid Integration, sponsored by TEQIP II and organized by Department of Electrical Engineering, Government Engineering College, Thrissur, from 08th to 12th November, 2021. A four day online STTP on Computer Aided Design of Electrical Systems after the Meter was conducted by Marian Engineering College, Kazhakkuttom, Thiruvananthapuram from 26th to 29th of June 2020. Five days preparatory course on B Grade Electrical Supervisory License organised by Department of Electrical Engineering, College of Engineering, Kidangoor from 30/01/2017 to 03/02/2017 Training course on DCS PLC Overview by the Technical School of Yokogawa India Ltd. From 08/02/2016 to 12/02/2016

Sl. No	Name of Training/Workshop	Year	Date	Duration	Organizer
1	Teaching Excellence and Methodologies for Teachers of Engineering Colleges	Five days	ISTE		
2	Introduction to Research Methodologies	1 Week	IIT Bombay under National Mission on Education through ICT		
3	Solid State Control of Electric Drives	Five days	National Institute of Technical Teachers Training and Research, Chandigarh		
4	Creative Teaching	One day	Amal Jyothi College of Engineering		
	ISTE MOOC Courses		NPTTEL/AICTE		
	Faculty Development Programme on Design of Photovoltaic Systems		from July to Oct	2018	
	Coursera course on Programming for Everybody Getting Started with Python		on 01/05/2020		
	Coursera course on Python Data Structures		on 13/05/2020		
	Consultancy Works		Electrification of St. Augustine Church, Kudayathoor		
	Research Interests		Multilevel Inverters, Solar PV system, Energy Conservation etc.		

Lijo Paul SJCET Palai Lijo Paul Software Development Center 20250118T03:42:0500:00 Dr. Lijo Paul Dean Student Affairs Email: deanstudentssjcetpalai.ac.in Associate Professor Email:

lijo.paulsjcetpalai.ac.in Department of Mechanical Engineering Mobile Number: 9846270462 Date of
 joining:12092002 Association with the institution: Regular Education Experience Membership
 FDPSTTP Attended Conferences Seminar Invited Lectures Delivered Funded Research
 Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech
 Mahatma Gandhi University M.A.College of Engg, Kothamanagalam 2001 Mechanical 2 M.Tech
 NIT,Surathkal NIT,Surathkal 2007 Advanced Manufacturing 3 Ph.D IIT Madras, Chennai IIT Madras,
 Chennai 2015 Manufacturing Engineering Experience Teaching Experience : 12092002 till date at
 SJ CET Membership Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE Life
 Member LM 41609 2 Society for Manufacturing Engineers Life Member LMSME 00509 3 Material
 Research Society of India Life Member LMB 1231 4 ASME Member 102143634 FDPSTTP Attended
 Sl. No.Name of TrainingWorkshopYear Date DurationOrganizer 1 Spot light on Risk management of
 chemical plantsoil refineries 27042009 to 09052009 2 weeks Amaljyothi college of Engg,
 Kanjirappilly 2 Micro and Nano scale Phenomena 06072008 to 19072008 2 Weeks NIT Calicut 3
 Advances in Space Cryogenics 04102004 to 16102004 TKM college , Kollam 4 Teaching
 Excellence and Methodologies 05082002 to 17082002 2 weeks Maharajas Polytechnic, Thrissur 5
 Micromachining A breakthrough technologies 31012011 to 05022011 1 week IIT Madras 6 Robotics
 Mechanics, Control, Sensing, Vision and Intelligence 14012013 to 18012013 1 week IIT Madras 7
 Manufacturing Management 07022011 to 11022011 1 week St.Josephs College of Engg. , Pala 8
 CNC technologies 01112010 to 04112010 4 days St.Josephs College of Engg. , Pala 9
 Thermodynamics in Mechanical Engineering 14062011 to 24062011 SJ CETIIT Bombay 10 Faculty
 development for Research Scholars 20082011 to 21082011 IIT Madras 11 Energy Management
 19012009 to 23012009 St.Josephs College of Engg. , Pala 12 Technical communication 8092015 to
 5122015 St.Josephs College of Engg. , Pala 13 Factor Analysis and Structural Equation Modelling
 for Researchers 25072016 to 30072016 RIT, Pampady, Kottayam 14 Guidance and Counselling
 04122017 to 08122017 St.Josephs College of Engg. , Pala 15 Rural Innovators Meet, M.S
 Swaminathan Research Foundation,Wayanad 14052018 to 16052018 KCSTE 16 Recent advances
 in Manufacturing Engineering 2019,5 days APJAKTU SJ CET Pala 17 NPTEL:Introduction to

Abrasive Machining and Finishing Processes 2020, 8week NPTEL, IIT Guwahati 18 Guidance and Counselling 2020,5 Days AICTE Sponsored , SJCET Palai 19 KTU FDP: Additive Manufacturing and 3D Printing 2021,3 days KTU, SJCET Palai 20 Metal Additive Manufacturing 01072022 31102022 NPTEL IIT CHENNAI 21 Mentor training programme by NITTTR 2022, 5 Days AICTE 22 Nano materials Developments, applications and future outlook APJAKTU SJCET 23 Graphical system Design using Labview 2023, 5 Days NITTR CHENNAI Conferences Seminar Sl. NoTitle TopicYear DurationSponsors 1 Workshop on Advances in Manufacturing and Production Management, 2009, Two day SJCET Palai 2 Two day workshop in Advances in welding at January 2010, Two day SJCET Palai, 3 Workshop in Technical analysis tools 67, August 2010 Two day SJCET, Palai 4 21st ISTE State Convention 20th November 2010 ISTE 5 Workshop on Manufacturing Management 07.02.2011 11.02.2011, Five day SJCET, Palai 6 National conference COMET 4th July 2011, One day SJCET, Palai 7 International Conference RAEREST 2016 April 2324, 2016, Two day SJCET Pala ,ISTE, IE 8 Workshop on Quality Analysis in Rolls Royce, Derby, UK on under ASME SJCET Chapter December 20, 2017 SJCET 9 ASME SJCET Chapter Inauguration by Mr Antony Lulu Elias, CEO, Red Cap , Mumbai 25th January 2018 SJCET 10 Technical Talk on Advances in Liquid propulsion system by eminent scientist from ISRO, Trivandrum, India, under ASME SJCET Chapter March 21, 2018, SJCET 11 3D Printing workshop for Engineering students and school teachers in , under ASME SJCET Chapter March 24, 2018 SJCET 12 Workshop on AI Perspectives in Machine Learning by Dr.Bijoy V.T, Research scientist NASA July 9, 2018 SJCET 13 Alumni Tech talk series 1Talk on sustainable mobility solution by Mr. Jacob Thekkekara,CTO CoFounder PiBeam Labs Pvt. Ltd Chennai 28092018 SJCET 14 Alumni Tech talk series 2Application knowledge and carrier opportunities in steam engineering by Dileep Cherian Team led, Forbes Marshall Pvt. Ltd 22102018 SJCET Invited Lectures Delivered Sl. NoTitle TopicYear DurationOrganizer 1 Technical talk on Process Modelling, Simulation and MultiObjective Optimization, in 3day FDP on Emerging Trends And Challenges in Manufacturing Processes and Management, at SAINTGITS College of Engineering, Kottayam, Kerala. November 79, 2016, 3 day IIMTrivandrum Chapter 2 Technical talk on Linear control in Machining Process and Parameter

optimization in sponsored by TEQIPII, at Rajiv Gandhi Institute of Technology, Pampady, Kottayam in Electrical and Electronic Department 26092016 to 01102016, 5 day STTP TEQUIP 3 Technical talk on Process control and Parameter optimization in Faculty Development Programme conducted by the Dept. of Electronics communication, at College of Engineering Kidangoor, Kottayam 31032016 to 04042016, 5 day TEQIPII 4 Technical talk on Control system and its application in Faculty Development Programme conducted by the Dept. of Electronics Instrumentation, sponsored by at College of Engineering, Kidangoor, Kottayam from. 28122015 to 01012016, 5 day TEQIPII 5 Technical Talk on plastic rope making from waste plastics at Rural Innovators Meet, M.S Swaminathan Research Foundation, Wayanad May 1416, 2018 KCSTE Funded Research Sl. No Project Title Funding Agency Amount Duration 1 3D printer filament from waste plastic Centre for Engineering Research and Development CERD 50000 1 year 2 Experimental Investigation and performance optimization of micro AJM process with dust absorption mechanism Centre for Engineering Research and Development CERD 1,30,000 2 year 8 months 3 Plastic Rope from waste plastic Kerala State Council for Science, Technology and Environment KCSTE 10000 4 Experimental investigations on performance and emission characteristics of CI engine fueled by plastic oil derived from polyethylene waste plastic CERD, APJ Abdul Kalam Technological University Rs. 140000 2018 5 3D printer filament from waste plastic CERD, APJ Abdul Kalam Technological University Rs. 50000 2018 6 Design Development of Patient Specific Biomedical Devices using SLA Additive Manufacturing with Bio plastics AICTE Rs. 17,10,000 2022 Publications International Journals .No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 Experimental study on Abrasive Jet Drilling on Glass. Materials today: proceedings Elsevier 2018, Vol.5, pp.1247412478. 2 Thermal Analysis For Material Removal Rate In Micro EDM Process. Materials today: proceedings Elsevier 2018, Vol.5, pp.1187011874. 3 Effects of Preheating Electrolyte in Micro ECDM Process. Materials today: proceedings Elsevier 2018, Vol.5, pp. 1188211887. 4 Effect of Powder Mixed Electrolyte in ECDM Process. Materials today: proceedings Elsevier 2018, Vol.5, pp. 1186411869 5 Micro Machining In ECDM Process With Tool Modification. Materials today: proceedings Elsevier 2018, Vol.5, pp. 1187511881. 6 Comparative study effect of different tool

materials in EDM process Materials Science and Engineering IOP Conference Series 396 1,2018 7

Effect of tool diameter in ECDM process with powder mixed electrolyt Materials Science and Engineering IOP Conference Series 396 1,2018 8

A Review on Magnetic Field Assisted Micro Machining Materials Science and Engineering IOP Conference Series 396 1,2018 9

Characterization of Micro Channels Machined with ECDM for Fluidic Applications Applied Mechanics and Materials Transtech Publication, Switzerland 2018, Vol.877, pp.8291 10

FEM of ECDM Process on Semi Conducting Materials Applied Mechanics and Materials Transtech Publication, Switzerland 2018, Vol.877, pp.8791 11

Improvement in Machining Rate with Mixed Electrolyte in ECDM Process, Procedia Technology Elsevier 2016, Vol. 25,pp.12501256 12

Experimental and Theoretical Investigations in ECDM Process An Overview. Procedia Technology Elsevier 2016, Vol. 25,pp.12421249. 13

Effect of Power Source in ECDM Process with FEM Modeling. Procedia Technology Elsevier 2016, Vol. 25,pp.11751181. 14

Experimental investigation and parametric analysis of electrochemical discharge machining. International Journal of Manufacturing Technology and Management Inderscience Publication 2014, Vol. 28,pp.5779. 15

Evaluation of Process Parameters of ECDM using Grey Relational Analysis. Procedia Materials Science Elsevier 2014, Vol. 5,pp.22732282. 16

Effect of process parameters on heat affected zone in micro machining of borosilicate glass using ECDM process., Applied Mechanics and Materials Transtech Publication, Switzerland 2014, Vol.592,pp. 224238. 17

Characterization of Micro Channels in Electrochemical Discharge Machining Process. Applied Mechanics and Materials Transtech Publication, Switzerland 2014, Vol.490, pp.238242. 18

Response Surface Modelling of Micro Holes in ECDM Process. Procedia Engineering, Elsevier 2013, Vol.64, pp.13951404. 19

Parametric analysis and a soft computing approach in ECDM Process International Journal of Manufacturing Technology and Management Inderscience Publication 2011, Vol.24, pp.2339.

National Journals :2

Sl.No Title of Paper Name of journal Publisher Year, Volume ISSNISBN No. 1

Electromagnetic Shielding Effectiveness of Carbon Epoxy Composite Plates in S and X band Journal of Manufacturing Engineering Manufacturing Engineers 2011, Vol. 6, No. 4, pp 166171,.

2

Electromagnetic Shielding Effectiveness of Aluminium Epoxy Composite Plates in S and X Band.

Journal of Manufacturing Engineering, Manufacturing Engineers 2012 International Conferences: 14

Sl. No. Title of the Paper Name of the Conference Venue Date

- 1 Improvement in Micro Feature Generation in ECDM Process With Powder Mixed Electrolyte ASME 2018, 13th International Manufacturing Science and Engineering Conference Texas AM, College Station, Texas, USA, June 18-22, 2018.
- 2 Response Surface Modeling of Micro Channels in Electrochemical Discharge Machining Process. International Conference on Precision, Meso, Micro and Nano Engineering COPEN8:2013 National Institute of Technology Calicut, Kerala, on 13-15th December 2013
- 3 Characterization of Micro Channels in ECDM Process Paper ID: H0056, International Conference on Control, Mechatronics and Automation ICCMA 2013, Sydney, Australia, on 6-7th December 2013.
- 4 Experimental investigation and response surface modelling of metal removal rate in electrochemical discharge machining, All India Manufacturing Technology Design and Research AIMTDR, Jadavpur University, Kolkata, December 2012
- 5 Characterization of micro holes machined using ECDM. International Conference on Advances in Manufacturing Technology ICAMT 2012 CIT, Chennai, June 2012
- 6 Optimisation of Process Parameters using Electrochemical Discharge Machining., ICOMET, International conference on Mechanical Engineering and Tech SJ CET, Palai, Kerala, January 2012
- 7 Electro Magnetic Shielding Effectiveness of Aluminum Laminated Epoxy Composites Plates in X and S band International Symposium for Research Scholars, ISRS 2010 IIT Madras, 18-21 December 2010.
- 8 Comparison of EM shielding effectiveness Aluminum Particulate Composites and Carbon Particulate Composites in X and S band International Conference on Materials for Future, ICMF2011 GEC Thrissur, 23-25, 2011.
- 9 Effect of mechanical defects on EM shielding properties of Carbon particulate composites in X band International Conference on Materials for Future , ICMF2011 GEC Thrissur, 23-25, February 2011
- 10 Comparison of electromagnetic shielding effectiveness of HAF with ISAF epoxy particulate composites International conference on Recent Innovations in Technologies, ICRIT2011 RIT, Kottayam, 2011.
- 11 Effect of mechanical defects on EM shielding properties of Aluminium particulate composites in S band 1st International Conference on Nanostructured Materials and Nanocomposites 6-8 April 2009, Kottayam, India
- 12 Effect of mechanical defects on EM shielding properties of Aluminium particulate

composites in X band COSMA 2009, International Conference on Latest Trends in Simulation Modelling and Analysis NIT Calicut, 2009

13 Aluminium Particulate Composite as Electromagnetic Shielding Materials International Conference on Recent Developments in Structural Engineering RDSE2007, Manipal Institute of Technology Manipal, during 30th, 31st of August and 01 st of September 2007.

14 EM Shielding Effectiveness of Carbon Composites and Aluminium Composites in X Band The International Conference on Total engineering, analysis and Manufacturing technologies TEAM TECH2007, IISC Bangalore, 46 October 2007

National Conference: 11

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Electrochemical Discharge Machining ECDM A breakthrough technology for the future.	COMET,	National Conference on Mechanical Engineering and Tech, SJCET SJCET, Palai, Kerala,	June 2011
2	Value education in engineering: an urgent need,	at. ISTE national convention	NIT Surathkal,	from 1820, December 2009
3	Comparison of EM shielding effectiveness of plain polymers with carbon particulate composites	Sreechitra Thirunal college of Engineering ,	Trivandrum	5,6, May 2009
4	Effect of mechanical defect on EM shielding properties of carbon composites in S band	Technology Education and Management Scenario,	NSS College of Engg, Palakkad Kerala,	2009
5	Linear static analysis of composite payload Fairing, in mech. Engg,	National conference on state of art of Technologies	JNTU, Hyderabad college of engineering.	20,21 Aug 2009
6	Electromagnetic Shielding Effectiveness of Metal Laminates	National Conference on Recent Advances in Design Engineering	RADE2007 MIT Manipal,	Feb 2224, 2007.
7	Comparison of Electromagnetic Shielding Effectiveness of Plain Polymers with Composites,	Engineering Design. In 2007 IISC, Bangalore,	August 911,	2007
8	Stereolithography An investigation on Rapid Prototyping Process	Recent advances in Manufacturing Technologies	NIT, Rourkela,	2005.
9	Water jet cutting A trend maker in machining	Emerging trends in mechanical Engg,	BMS College of Engineering, Bangalore,	2006.
10	Plastic Rope making from bottles	Rural Innovator meet, RIM 2018 by KSCSTE	M S Swaminathan Research Foundation MSSRF, Kalpetta,Wayanad,	May 2018
11	ASME GT India Seminar	ASME GT India Seminar	FISAT, Angamali,	April 7, 2018

SL NO TITLE OF THE PAPER NAME OF JOURNAL PUBLISHER YEAR,VOLUME,ISSN ISBN NO.

1 Effect of Powder Mixed Electrolyte in ECDM

Process International Conference on Materials Manufacturing and Modelling ICMMM 2017. ELSEVIER Materials Today: Proceedings 5 2018 1186411869 2 Thermal Analysis For Material Removal Rate In Micro EDM Process International Conference on Materials Manufacturing and Modelling ICMMM 2017. ELSEVIER Materials Today: Proceedings 5 2018 1187011874 3 Machining characteristics of micromagnetic field assisted EDM International conference on Materials and Manufacturing Methods. ELSEVIER Materials Today: Proceedings 27 2020 20002004 4 Experiment on pollution control in mabrasive jet machining using liquid films International conference on Materials and Manufacturing Methods. ELSEVIER Materials Today: Proceedings 27 2020 20332036 5 Design and development of orthosis for clubfoot correction in infants an additive manufacturing approach International conference on Materials and Manufacturing Methods. ELSEVIER Materials Today: Proceedings 27 2020 26052608 6 Experimental investigation of mabrasive jet machining with dust collection mechanism International Conference on Integration of Advanced Technologies for Industry 4.0 ELSEVIER Materials Today: Proceedings 55 2022 337342 7 Modelling and 3d priniting of patient specific cardiovascular graft International Conference on Artificial Intelligence Energy Systems ELSEVIER Materials Today: Proceedings 58 2022 16 8 Experimental analysis of the influence of discharge gap on EDM performance International Conference on Integration of Advanced Technologies for Industry 4.0 : ELSEVIER Materials Today: Proceedings 55 2022 394398 9 Review on novel biomaterials and innovative 3D printing techniques in biomedical applications International Conference on Artificial Intelligence Energy Systems ELSEVIER Materials Today: Proceedings 58 2022 96103 10 Application of multivariate loss function and distance function approaches for materials selection AIP Conference Proceedings 2273, 050015 2020 11 Effect of sensing mechanism on machining performance of ECDM process Taylor Francis February 16, 1900 12 Grey Relation Approach in Abrasive Jet Machining Process International Manufacturing Science and Engineering Conference ASME ISBN: 9780791858752 Vol22020 13 Improvement in Micro Feature Generation in ECDM Process With Powder Mixed Electrolyte International Manufacturing Science and Engineering Conference ASME ISBN: 9780791851388 Vol42020 14 Effect of tool diameter in ECDM process with powder mixed electrolyte Materials Science and Engineering IOP

Publishing IOP Conf. Series: Materials Science and Engineering 396 2018 012070 15 Comparative study of effect of tool materials in EDM process Materials Science and Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering 396 2018 012071 16 Application of grey fuzzy logic in abrasive jet machining process Indian Academy of Sciences 17 Model Prediction and Experimental Study of Material Removal Rate in Micro ECDM Process on Borosilicate Glass SPRINGER Silicon volume 14, pages14971510 2022 18 A review on magnetic field assisted micro Machining Materials Science and Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering 396 2018 012074 doi:10.10881757899X3961012074 National Conference: 11per Publication in Books : 02 Lijo Paul and Somashekhar S. Hiremath.2013 Process Parameter Optimization in ECDM ProcessA Multi Objective Approach, Proceedings of the International Conference on Computing in Mechanical Engineering, ISBN: 9789810962784, pp 332340. J Babu, Lijo Paul and Davim J Paulo 2018 Drilling of composite materials: methods and tools, Drilling Technology, De Gruyter publications, ISBN: 9783110481204.

Manish Jose SJ CET Palai Manish Jose Software Development Center 20220520T06:48:5900:00 Prof. Manish Jose Assistant Professor Department of Civil Engineering Mobile Number: 91 9447764273 Email: manishsjcetpalai.ac.in Date of Joining:24062012 Nature of association:Regular Education Experience FDP WORKSHOPS PUBLICATIONS EVENTS ORGANISED POSITIONS HELD Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Cochin University School Of Engineering, CUSAT 2008 Civil Engineering 2 M.Tech M.G.University SCMS Karukutty 2012 Computer Aided Structural Engineering Experience Date of joining SJ CET : 24062012 Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 St. Josephs College of Engineering Technology Assistant Professor 24062012 till now 2 Feby Consultants Structural Consultant Design Engineer 1 Year 6 Months 3 Puravankara Projects PVT. Ltd Site Engineer 7 months FDP WORKSHOPS 1. FDP on Use of Building Information Modelling Tools organised by Albertian Institute of Science and Technology, Kochi from 09th to 11th March 2022 2. FDP on Innovative Research Areas in Civil Engineering organised by Mangalam College of

Engineering, Kottayam from 25th to 30th October 2021 3. FDP on Design Thinking Creativity for Innovation organized by NSS Palakkad APJA KTU Sponsored, from 24th to 28th May 2021 4. FDP on Smart Civil Engineering practices to meet Contemporary Issues organized by NSS Palakkad, in association with ISTE Palakkad Chapter, from 27th July 01st August 2020 5. FDP Introduction to Coastal Developments with Coastal Processes Its Highlights Challenges organized by NIT Calicut, under TEQIP III, from 09th to 14th, December 2019 6. FDP Introduction to Sustainable Engineering organized by APJ Abdul Kalam Technological University from 18th to 20th June 2015 7. Two day ISTE eSeminar on Steps to Research organized by ISTE Kerala in association with AJCE Kanjirappally from 19th to 20th September 2014 8. Two weeks ISTE Workshop on Engineering Mechanics conducted by IIT Bombay from 26th November to 06th December 2013 9. One day ISTE eWorkshop on Creative Teaching organized by ISTE Kerala in association with AJCE Kanjirappally on 5th October 2013 10. One day ISTE eWorkshop on Green Building Awareness organized by IIT Bombay in association with SJ CET Palai 24th August 2013 11. FDP on Instructional Design Delivery System TISEL in association with SJ CET Palai from 24th to 28th June 2013 12. Workshop on Advanced Structural Analysis conducted by Marian College of Engineering, Trivandrum from 10th to 14th June 2013 13. National workshop on Sustainable Concrete Pavements Practices, Challenges Directions organized by ICI Kochi Chapter in Association with CSIR on 1st June 2013

PUBLICATIONS Paper entitled Seismic Assessment of Irregular Reinforced Concrete Frame Structures using Triple Friction Pendulum Bearing in the International Conference RAEREST 2018 organized by St, Josephs College of Engineering Technology, Palai in 2018 Paper entitled Falling Weight Impact Response of Prestressed Concrete Slabs with Manholes in the International Conference RAEREST 2018 organized by St, Josephs College of Engineering Technology, Palai in 2018 Paper entitled Study on Hardened Properties of Hybrid Reinforced Concrete using Steel and Glass Fibres in the International Conference RAEREST 2018 organized by St, Josephs College of Engineering Technology, Palai in 2018 Paper entitled Behaviour of Cold Formed Steel Structures: A Review in the journal International Research Journal of Engineering and Technology IRJET in 2022 Paper entitled A Review on settlement behavior of shell footings on geocell reinforced foundation

beds in the journal International Research Journal of Engineering and Technology IRJET in 2022
 Paper entitled Bolting mechanism of onesided bolted connection in prefabricated steel structure in
 the journal International Research Journal of Engineering and Technology IRJET in 2022 EVENTS
 ORGANISED POSITIONS HELD Organising Committee Member Tekfair 2019 organized by St,
 Josephs College of Engineering Technology, Palai in 2019 Organising Committee Member
 International Conference RAEREST 2018 organized by St, Josephs College of Engineering
 Technology, Palai in 2018 Registration Committee Head International Conference RAEREST 2018
 organized by St, Josephs College of Engineering Technology, Palai in 2018 Delivered an expert
 session on Evolution of New Towns at College of Engineering Kidangoor on 07/03/2017. Teaching
 Assistant to Two week ISTE STTP on Environmental Studies conducted by IIT Bombay from 02nd to
 12th June 2015 Event Manager for TECHNOCHAMP workshop National Level Competition
 organized by ProActive InfoSoft in association with IIT Guwahati on 14th 15th, February 2014
 Teaching Assistant to Two week ISTE Workshop on Engineering Mechanics conducted by
 IIT Bombay from 26th Nov to 06th Dec 2013. Department Coordinator Technical Fest for the years
 2017, 2016, 2015 2014 Staff in Charge, Civil Engineering Association from 2021/22 Member
 Timetable Committee Member ISO Internal Audits

Manju George SJ CET Palai Teaching Experience : 4 Sl. No Name of the
 college Industry Designation Experience Years Months 1 Alphonsa College, Palai Guest Lecturer 2
 years 6 months 2 St. Josephs College of Engineering and Technology, Palai Assistant Professor
 16/08/2007 till date 1. Presented a paper titled Phytochemical and Antimicrobial Studies of Aegle
 Marmelos Fruit in the international conference on Science and Technologies for Sustainable
 Development organized by the department of Chemistry, NICHE on 10.05.2023 2. FDP on Journey
 Towards a Green Future: Recent Technologies, Trends and Challenges organized by Department of
 Science and Humanities, MGM College of Engineering and Technology and sponsored by APJ
 Abdul kalam Technological University on January 11, 12 13 April 2023. 3. FDP on Nanomaterials
 Developments, Applications and Future Outlook organized by department Of mechanical

engineering, SJ CET Palai, funded by APJ Abdul kalam Technological University on January 9 to 13, 2023.

4. International Webinar on Recent Trends in Catalysis organized by the Department of Chemistry in association with the Internal Quality Assurance Cell, Alphonsa College, Pala on 08, 10 13 September 2021.
5. Oneweek AICTE Sponsored AQIS STTP on Outcome based Education for technical InstitutionsPhase 11: Outcome based Education and Autonomy conducted by Rajagiri School of Engineering and Technology, Kochi from 16th to 21st November, 2020.
6. AICTE sponsored online STTP on Guidance and Counselling from 12102020 to 17102020 organized by SJ CET, Palai.
7. Online FDP on Learning Management System moodle organized by the Department of Computer Science and Engineering, SJ CET, Palai on 10th 15th August 2020.
8. Webinar on Understanding the National Education policy 2020 organized by the Noorul Islam Centre for Higher Education, Kumarakoil on 20th August 2020.
9. Webinar Digital Class roomThe Agile Way Series 3 Tools for E Learning organized by ICT Academy of Kerala on 20th June 2020
10. Webinar Digital Class roomThe Agile Way Series 2 Learning Management System organized by ICT Academy of Kerala on 24th June 2020
11. Webinar Digital Class roomThe Agile Way Series 1 ADDIE for industrial design organized by ICT Academy of Kerala on 20th June 2020
12. National Conference on Chemistry for Sustainable Development organized by the Department of Chemistry, Noorul Islam Centre for higher Education on 13th March 2020.
13. FDP on Advances in Green Energy Technologies from 1612201921122019 organized by the department of Mechanical Engineering, Government Engineering College, Trissur.
14. National Seminar on Computational Chemistry, CWC2019 held at T M Jacob Memorial Government College, Manimalakkunnu, on 5th and 6th December 2019.
15. FDP on Smart Nanomaterials: Fundamentals to Applications SNFA2019during 25 to 29 March 2019 organized by School of Material Science and Engineering, NIT Calicut.
16. Training Course on ISO 9001: 215 Awareness conducted by ZANDIG TQM SOLUTIONS PVT LTD Bangalore, Coimbatore on 28th June 2018.
17. 47th ISTE National Annual Convention held at Saintgits College of Engineering from 27th to 29th January 2018.
18. Oneweek Short Term Training Programme on GUIDANCE AND COUNSELLING at St. Josephs College of Engineering and Technology, Palai, Kerala on 4122017 to 8122017.
19. Workshop on PURSUE,

PUBLISH, PROSPER held at St. Josephs College of Engineering and Technology, Palai, Kerala on 30032016. 20. Twoweek ISTE short Term Training Programme on ENGINEERING PHYSICS conducted by IIT Bombay on 8122015 to 18122015 at St. Josephs College of Engineering and Technology, Palai, Kerala 21. National Conference on ADVANCES IN COORDINATION CHEMISTRY at Renganayagi Viratharaj College of Engineering, Salvarpatti, Sivakasi on 19 12 2014 to 20122014. 22. ISTE eseminar on STEP 2 RESEARCH on 190914 to 200914 at St. Josephs College of Engineering and Technology, Palai, Kerala. 23. National Seminar on Nano chemistry and Nano biotechnology NANOCHEMBIO at St: Thomas College, Pala on 81014 to 91014. 24. International Seminar on ADVANCED MATERIALS AND ITS APPLICATIONS at Alphonsa College, Palai on 2632014 to2832014. 25. International Seminar on EMERGING TRENDS IN SCIENCE, ENGINEERING, BUSINESS AND DISASTER MANAGEMENT, ICBDM2014 at Noorul Islam College of Engineering, Kumaracoil, Tamilnadu on 2822014. 26. National Seminar on ENVIRONMENTAL CONSERVATION AND SUSTAINABLE LIVING at Devamatha College, Kuravilangadu on 11913 to12913. 27. Faculty Development Programme on MULTIVARIATE STATISTICAL TECHNIQUES FOR MANAGEMENT RESEARCH on 292013 to3913 at St. Josephs College of Engineering and Technology, Palai, Kerala. 28. Seminar on FEEL TEACHER Learning and development Invention on 12122013 to 14122013 at St. Josephs College of Engineering and Technology, Palai, Kottayam, Kerala. 29. ISTE eworkshop on CREATIVE TEACHING organized by Amal Jyothi college of Engineering, Kanjirappally in association with ISTE Kerala Section on 05102013. 30. National Seminar on CONSERVATION AND SUSTAINABLE UTILIZATION OF RED LISTED MEDICINAL PLANTS OF WESTERN GHATS OF INDIA at Newman College, Thodupuzha, Idukki, Kerala on 292010 to 392010. 31. Seminar on Educational Utilization of Indian Standards organized by Bureau of Indian Standards and SJCET, Palai on 11th December,2009. 32. Oneday Workshop on Nanotechnology Significance and Applications organized by the Department of Mechanical Engineering, SJCET on 7th November2008. 33. Induction Training Programme on Teaching Excellence and Methodologies sponsored by ISTE, Kerala Section from 20082007 to 25082007 at Maharajas Technological Institute, Trissur20.

Liz George SJ CET Palai Liz George Software Development Center 20230727T03:54:1000:00 Prof.

Liz George Assistant Professor Department of Computer Applications Mobile Number: 91 9526611300 Email: lizsjcetpalai.ac.in Date of Joining:14.06.2010 Nature of association:Regular

Education Experience Memberships FDP Conferences Seminarworkshops MOOC Courses

Achievements Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1

Graduation Mahatma Gandhi Newman College,Thodupuzha 2004 Mathematics B.Sc Maths 2 Post

Graduation Cochin University CUSAT,Kalamassery 2007 Computer ApplicationsMCA 3 PhD

APJAKTU Trivandrum Saint Gits Kottayam Pursuing Blockchain Experience Previous Experience

Industrial Experience : 2.8 years Teaching Experience : 8 years Sl. NoName of the

collegeIndustryDesignationExperience Years Months 1 Tata Consultancy ServicesTCS ASE 2 years

and 8 months 2 St.Josephs College of Engineering, Palai. Asst.Professor 8 years and 6 months

Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE Life Membership

LM 104069 FDP FDPOrganizerDate 1 Deep Learning Dept of MCA,CUSAT May 1, 2019 2

Research Methodology and Scientific Writing Sreebudha College of Engineering 29062020

01072020 3 Blockchain Technology IIT Roorkee. 18052020 22052020 4 Know Everything Related

to Research Ilahia College of Engineering 23072020 27072020 5 Blockchain Fundamentals AICET

24082020 29082020 6 Writing and Publishing High Impact Research Publications and Scientific

Documents AICET 21092020 26092020 7 Blockchain Applications AICET 05102020 TO 10102020

8 WRITING AND PUBLISHING HIGH IMPACT RESEARCH PUBLICATIONS AND SCIENTIFIC

DOCUMENTS AICET 21092020 TO 26092020 9 INCORPORATING THE TECHNIQUES OF

BLOCKCHAIN AND ARTIFICIAL INTELLIGENCE TO FACE SECURITY PRIVACY CHALLENGES

OF IT INFRASTRUCTURE KCG College of Technology, Chennai 23112020 TO 28112020 10

SYSTEMIZING RESEARCHPROBLEM FINDING TO PATENTS RAJAGIRI SCHOOL OF

ENGINEERING TECHNOLOGY 29032021 to 31032021 11 INFRASTRUCTURE AND SECURITY

CHALLENGES IN CLOUD COMPUTING SCMS SCHOOL OF ENGINEERING TECHNOLOGY

19072021 TO 24072021 Conferences Seminarworkshops Sl. NoTitle Topic Date DurationSponsors

1 Introduction to Research Methodologies 250620124072012 IIT Bombay 2 FEEL Teacher 1212201314122013 CLHRD 3 Computer Programming 2005210421062014 IIT Bombay 4 Pursue, Publish, Prosper 30032016 ISTE Staff Chapter,SJCET 5 Workshop MACHINE LEARNING APPLICATIONS AN INDUSTRIAL PERSPECTIVE 11012021 TO 16012021 Dept of MCA,SJCET 6 Presented a paper titled SECURITY ASPECTS OF USING BLOCKCHAIN IN MANAGING HEALTHCARE INFORMATION in the AICTE sponsored International Conference on Cyber Security and Ethical Hacking in Blockchain Technology 290920211102021 SCMS School of Technology and Management MOOC Courses CourseFromDate Smart Contracts Coursera July 2020 Blockchain Basic Coursera July 2020 Decentralized Application Coursera August 2020 Blockchain Platforms Coursera August 2020 Machine learning NPTEL FebApril 2019 Achievements UGC Net Qualified 2018 Dec

Manju James SJCET Palai Manju James Software Development Center 20240319T04:31:3900:00
 Prof. Manju James Assistant Professor Department of Electronics and Communication Engineering
 Mobile Number: 919447715209 Email: manju.jamessjcetpalai.ac.in Date of joining SJCET: 03012011
 Association with the institution: Regular Education Experience Memberships FDP Publications Publication with Google Scholar Citations STTPFDP Conference SeminarsWorkshops participated
 Education Sl.NoQualificationUniversityYear of passingSpecialization 1 B.Tech M.G.University, Kottayam 2008 Electronics and communication Engineering 2 M.Tech Kerala University 2010 Microwave TV Engineering 3 PhD APJAKTU Pursuing Electronics and communication Engineering
 Experience Date of joining SJCET : 03012011 Status as on date of joining : Assistant Professor Present status : Assistant Professor Memberships Sl. No Name of Institution Type of Membership Membership ID 1. ISTE Life time FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 2 Faculty development program on Network security 16th 21st May 2014 1 week Viswajyothi College of Engineering Technology, Vazhakulam 3 Faculty development program on Advanced networking and network security 10th 21st June 2013 2 week M. A. College of Engineering, Kothamangalam, 4 Summer Faculty Research Fellowship 16th

May 16th July 2012 2 months Indian Institute of Technology, Delhi 5 Workshop on Basic Electronics

28th June to 8th July 2011 Two week conducted by Indian Institute of Technology Bombay

Publications International Journals Sl.No Title of Paper Name of journal Year, Volume ISSN ISBN No.

1 An Embedded Platform For Automatic Teller Machines Using Finger Vein Recognition System
January 4, 1900 January 5, 1900 2 Detection and Isolation of Black Hole Node in MANET
International Journal of Current Engineering and Technology EISSN 2277 4106, PISSN 2347 5161,
Oct 2015, vol. 5 No.5 International Conferences Sl. No. Title of the Paper Name of the
Conference Venue Date 1 ANN to Detect Network Under Black Hole Attack, January 3, 1900
January 4, 1900 2 A Review on Automotive Radar, International Conference on Technical
Challenges in Instrumentation, Computer Science, Civil and Mechanical, Electronics and Electrical
Engineering On 22nd April 2015 at Christ Knowledge City, Mannoor 3 Comparison of single patch
and patch antenna array for a Microwave life Detection system, International Conference on
Communication and Signal Processing National Institute of Technology, Calicut, 1012th February
2011 4 Microstrip patch Antenna array Design for Microwave life Detection System, 11th National
and 1st International Conference on Technological Trends CET Thiruvananthapuram, 2527th
November 2010 Publication with Google Scholar Citations Shilpa Merin Baby, Manju James, A
Comparative Study on Various Spectrum Sharing Techniques, Procedia Technology, Volume 25,
2016, Pages 613620, ISSN 22120173, . Alfy Augustine, Manju James, ANN to Detect Network
Under Black Hole Attack, 2nd International Conference on Emerging trends in Technology and
Applied science, Kottayam, May 2015. S. Shabu and Manju James, Comparison of single patch and
patch antenna array for a microwave life detection system, 2011 International Conference on
Communications and Signal Processing, Calicut, 2011, pp. 171174, doi:
10.1109/ICCSP.2011.5739294 . STTP FDP Conference Seminars Workshops participated AICTE
Sponsored Short Term Course Condition Monitoring of Power Apparatus adopting Multi Sensor
Fusion Technique, Organizer: Centre for Continuing Education, Indian Institute of Technology
Madras, Duration: 28.02.22 to 05.03.22 Recent Advancements in Wireless Communication
Technologies, Organizer: Department of ECE, NSS College of Engineering, Palakkad, 13.07.2021

to 17.07.2021 Short term course on Digital Communication Communication networks, Organizer: School of Electrical Sciences, Indian Institute of Technology, Bhubaneswar, 14th to 25th June 2021 Faculty Development Program on Research Trends in Social Network Analytics, Organizer: Department of CSE, SCMS School of Engineering Technology, 24.05.2021 to 28.05.2021 Python Training Course, Organizer: Amrita TBI, Amrita Viswa Vidyapeetham, 26.04.2021 to 12.05.2021 Short Term Training Program on Pattern Analysis for Speech Signal Processing , Organizer: Department of AE I, Government Engineering oral steroids for swollen tonsils College, Kozhikode 15.03.2021 to 20.03.2021 Short Term Training Program on IoT and Data Science , Organizer: Department of ECE, St. Josephs College of Engineering and Technology 28.12.2020 to 02.01.2021 Short Term Training Program on Scientific Computing with Python, Organizer: Department of ECE, RIT Government Engineering College, Kottayam, 09.11.2020 to 20.11.2020 Faculty Development Program on Recent Advances in Communication and networking, Organizer: Department of ECE, Government Engineering, College, Idukki , 28.09.2020 to 03.10.2020

Maria Yesudas SJ CET Palai Maria Yesudas Software Development Center
 20240611T11:29:4700:00 Prof. Maria Yesudas Assistant Professor Department of Computer
 Science Engineering Mobile Number: 91 8281378231 Email: mariayesudassjcetpalai.ac.in
 Education Experiance Journal Conference Publications FDPSTTPs Education
 Sl.NoQualificationInstitutionSpecialization 1 M.Tech Viswajyothi College of Engineering Technology
 Computer Science Engineering 2 B. Tech TOC H Institute of Science and Technology Computer
 Science Engineering Experiance Sl.NoInstitutionPosition heldPeriod 1 St. Josephs College of
 Engineering Technology, Palai Assistant Professor in the Dept. of CSE 02112021 to till date Journal
 Conference Publications International Journal Publications Maria Yesudas , 2015, Optimal Solution
 for Monitoring Data Objects with Trusted and Untrusted Agents, International Journal of Innovative
 Research in Computer and Communication Engineering, Volume 3, Issue 11, November 2015.
 Maria Yesudas 2628 April, 2023, Amigo Application. Presented at NATIONAL CONFERENCE ON
 RESEARCH IN EMERGING AREAS NACORE2023, organized by Amal Jyothi College of

Engineering, Kanjirappally, Kerala in association with Kottayam ACM Professional Chapter. Maria Yesudas, 23 and 24 June 2022, Helping Hands. Presented at SIXTH NATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING TECHNOLOGIES RTACT22 organized by Department of Computer Science and Engineering, Sree Buddha College of Engineering, Pattoor Alappuzha. ISBN: 9789356365407 Maria Yesudas 28 February, 2024, SmartEco: An IoTBased Home Energy Management System. Presented at INTERNATIONAL CONFERENCE ON ADVANCE IN COMMUNICATION and DATA SCIENCE2024, organized by Christ College of Engineering, Irinjalakuda. Maria Yesudas 1112 April, 2024, Talksync A Real Time Speech Translation Extension. Presented at NATIONAL CONFERENCE ON INTERDISCIPLINARY PERSPECTIVES OF EMERGING TRENDS IN COMPUTING NCIPETC24, organized by Carmel College of Engineering Technology, Punnapra, Alappuzha. FDPSTTPs Awarded certificate of participation in 6day Faculty Development Programme on Outcome Based Education in Professional Institutions organized by St. Josephs of College of Engineering and Technology, Palai, Kottayam, 27.12.2021 to 01.01.2022. Awarded certificate of participation in 3day Faculty Development Programme on Artificial Intelligence and Data Science organized by Dept. of Computer Science and Engineering, Sree Narayana Gurukulam College of Engineering, from 17.03.2022 to 19.03.2022. Awarded certificate of participation in online FDP on FDP for Young Faculty Members of Higher Education Institutions organized by St. Aloysius College Elthuruth, Thrissur on 19.12.2022. Attended Author Workshop organized by APJAKTU in association with Elsevier on Understanding Research Metrics and Elseviers Science Direct on Tuesday 22 November, 2022 Attended One Week Faculty Development Program FDP on Cloud Computing and its Applications organized by Department of CSE, G. PULLA REDDY ENGINEERING COLLEGE Autonomous, Kurnool held from 28th Nov to 3rd Dec 2022. Attended One Week National Level FDP on Societal Applications of Machine Learning, organized by Department of CSE, Shri Vishnu Engineering College for Women A, Bhimavaram, held from 2630 December 2022. Attended One Week FDP on Blockchain Technology Its Applications, sponsored by APJAKTU and organized by Department of CSE, St.Josephs College of Engineering Technology, Palai, held from 1620 January

2023. Attended One Week International FDP on Unleashing Emerging Research Trends and Advancements in Computer Science 2.0, organized by School of Computer Science and Engineering, VITAP University, Amaravati from 24th July to 28th July 2023. Attended five day Faculty Development Program on Computational Intelligence, organized by Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore from 07th to 11th August, 2023. Attended one day Faculty Development Program on Outcome Based Education for NBA Accreditation, organized by Eranad Knowledge City Technical Campus, Manjeri on 19th August, 2023. Attended one week National Level Faculty Development Program on Cloud Infrastructure AWS, organized by Christ College of Engineering Technology, Puducherry in collaboration with Brainovision Solutions India Pvt Ltd and All India Council for Technical Education AICTE from 21st to 25th of August, 2023. Attended five day Faculty Development Program on Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing organized by Department of Computer Application and Science, Institute of Engineering Management, Kolkata, technically Sponsored by Computer Society of India CSI, Kolkata Chapter conducted from 9th October to 13th October, 2023. Attended online Faculty Development Program on Embracing Innovation in Higher Education: Strategies for Pedagogical Enhancement, organized by St. Aloysius College, Elthuruth, Thrissur on 02nd December, 2023. Attended five days faculty development program on The Future of Generative AI in Academic Research and Publishing, organized by Department of Computer Application and Science, Institute of Engineering Management, Kolkata conducted from 2nd to 6th January, 2024. Attended six days AICTE Training and Learning ATAL Academy Faculty Development Program on, Cyber Security Trends and Challenges at St. Josephs College of Engineering Technology, Palai from 15th to 20th January, 2024. Attended eight days faculty development program on AI Evolution: From Foundations to Generative AI, organized by Microsoft, SAP AICTE under TechSaksham conducted from 22nd to 29th January, 2024. Attended five Days Faculty Development Program on, Recent Trends and Applications in Data Science, organized by Department of Computer Science, Sister Nivedita University, Kolkata, India conducted from 26th February to 1st March, 2024.

Mariamol Kuriakose SJCE Palai Mariamol Kuriakose Software Development Center
 20220521T05:26:4500:00 Prof. Mariamol Kuriakose Assistant Professor Department of Civil
 Engineering Mobile Number: 91 9495371120 Email: mariamolsjcepalai.ac.in Date of
 Joining:29072013 Nature of association:Regular Education Experience FDP Publications Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G. University Amal
 Jyothi College of Engineering, Kanjirapally 2011 Civil Engineering 2 M.Tech M.G.University Sree
 Narayana Gurukulam College of Engg, Kadayiruppu 2013 CASEComputer Aided Structural
 Engineering Experience Date of joining SJCE : 29072013 Status as on date of joining : Assistant
 Professor Present status : Assistant Professor Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 St. Joseph College of Engineering and
 Technology, Palai Assistant Professor 29072013 till now FDP Five days Online STTP on Advances
 in Bridge Engineering Design and Research Perspective, organized by Government Engineering
 College, Thrissur, from 21st to 25th March 2022. Five days Online STTP on Forensics in Civil
 Engineering, organized by Sree Buddha College of Engineering, from July 27 to July 30 and Aug 3,
 2020 Three days Online STTP on Safety Measures in Transportation Systems, organized by
 Muthoot Institute of Technology and Science, Ernakulam on 27 ,28 and 29th of May 2020. Five days
 Online STTP on Computational fluid dynamics using open form, organized by Centre for Scientific
 Research in CFD in association with Department of Mechanical Engineering Universal College from
 10th to 14th August 2020. Five days National level online Faculty Development Program on Theory
 and Practices of Steel Structure Design, organized by Saintgits College of Engineering,
 Pathamuttam from 12 to16th August 2020. Five days Faculty Development Program on A Short
 course on Random Vibrations, organized by Rajagiri School of Engineering Technology, Kochi from
 9 to14 th December 2019. Two week ISTE STTP on Introduction to sustainable Engineering
 conducted by IIT, Kharagpur from 30th November 2015 to 9th January, 2016 at SJCE Palai Two
 week ISTE STTP on Technical Communication conducted by IIT, Bombay from 8th October 2015 to
 5th December 2015, at SJCE Palai Four days STTP on Data Analysis Modelling Techniques for
 Engineering Resesarch organized by RIT Kottayam during 1720th June 2014. Two day workshop

on Intelligent Transportation Systems for Road safety on 16th and 17th July 2015 organized by RIT Kottayam. Two week ISTE STTP on Environmental Studies conducted by IIT, Bombay from 2nd to 12th June 2015, at SJ CET Palai One day ISTE workshop on Creative Teaching organized by Amal Jyothi College of Engineering, Kanjirapally on 5th October 2013. One day workshop on ISO 9001:2015 Awareness , organized by Zandig TQM Solutions PVT Ltd on 28th June 2018 Two week ISTE workshop on Fluid mechanics conducted by IIT, Kharagpur from 20th to 30th May, 2014 at SJ CET Palai Two week ISTE workshop on Engineering Mechanics, by IIT Bombay from 26th November to 6th December 2013 at SJ CET Palai Half day ISTE workshop on Green building awareness under MHRD by IIT, Bombay and Academy of Architecture on 24th August 2013 at SJ CET Palai National Seminar on EcoSmart Buildings conducted at Sree Narayana Gurukulam College of Engineering from 20 to 21st November 2013. Publications Journal Anisha George, Mariamol Kuriakose 2019 Mid Storey Isolation in Vertical Irregular Buildings, International Journal of Innovative Research in Management, Engineering and Technology Vol 4, Issue 12. Ann Vincent, Mariamol Kuriakose 2018 Estimation of Seismic Performance of Irregular Structures using Response Spectrum Method, International Research Journal of Engineering and Technology, Vol 5, Issue 4, April 2018. Akhila Devi A, Mariamol Kuriakose 2017 Seismic Analysis of Steel Buildings Equipped with Bulking restrained Brace, International Journal of Science Technology Engineering, Vol 3, Issue 10. Mariamol Kuriakose, Preetha Prabakaran 2013, Seismic Evaluation of Existing Buildings, International Journal of Innovative Research in Science Engineering Technology IJRSET, Volume 2, Special Issue December 2013. Conference Bhavana Biju, Mariamol Kuriakose 2021 Effectiveness of composite slim floor beams with dowel shear connection., International Conference on Advances in Science Engineering and Technology. Anna Skaria, Mariamol Kuriakose 2018 Numerical Study on Axial Behaviour of Concrete Filled Double Skin Steel Tubular Column with Cross Helical FRP Wrappings, IOP conference series: Materials Science and Engineering 396 Mariamol Kuriakose 2013, Seismic Evaluation of Existing Buildings in Karnataka, International Conference on Energy Environment ICEE on December 2013, RIT Kottayam. Book Chapter Anisha George, Mariamol Kuriakose 2019, Effect of Midstorey Isolation in Regular and Stiffness Irregular

Buildings, Lecture notes in Civil Engineering, Springer.

Ms. RameesaMol J SJCET Palai Ms. RameesaMol J Software Development Center 20190116T12:16:3400:00 Ms. RameesaMol J Assistant Professor Department of Electronics and Instrumentation Engineering Mobile Number: 9744092835 Email:remeez786gmail.com Education Experience Memberships FDP Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Kerala LBSITW, Poojappura 2006 Applied Electronics and Instrumentation 2 M.Tech VTU, Belagam SJCE, Mysore 2012 Industrial Electronics 3 Ph.D doing APJAKTU Model Engineering College, Thrikkakara Biomedical Signal Processing Experience Date of joining SJCET : 01082007 Status as on date of joining : Lecturer Present status : Assistant Professor Memberships Sl. NoName of InstitutionType of Membership 1 ISTE Life member FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Short Term Training Program on Environmental Studies 2nd 12th June 2015. IIT Bombay 2 Short Term Training Program on Solid State Control of Electric Drives 21st 25th July 2014 NITTTR, Chandigarh 3 Short Term Training Program on Signals and Systems 2nd 12th January 2014 IIT Kharagpur, 4 Short Term Training Program on Advances in Image Processing 20th 26th November, 2009. Departments of AEI and CSE, St. Josephs College of Engineering and Technology, Palai Publications International Journals Sl. No.Title of the PaperName of the ConferenceVenue Date 1 A Simple and Robust Strategy for Background Removal from Brain MR Images The international Conference on Global Colloquium in Recent Advancement and Effectual Researches in Engineering Science and Technology RAEREST2018 SJCET Palai, April 2018

Mathew V M SJCET Palai Mathew V M Software Development Center 20190112T09:48:1100:00 Mr. Mathew V M Instructor Department of Mechanical Engineering Qualification:Diploma Date of joining: 01062012 Association with institution: Regular

Ms. Shilpa Elizabeth Joychen SJCET Palai Ms. Shilpa Elizabeth Joychen Software Development

Center 20250217T11:02:1900:00 Ms. Shilpa Elizabeth Joychen Assistant Professor Department of Science and Humanities Mobile Number: 6282137693 Email: shilpasjcetpalai.ac.in Education Education Sl.No Qualification UniversityInstitution 1 B.Sc MGU St.Georges College, Aruvithura 2 M.Sc MGU St.Thomas College, Palai. 3 B.Ed MGU St.Thomas College of Teacher Education, Palai.

NAAC Criteria SJCET Palai Student Verification: 91 9495684408 | Admission Helpline : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home FacebookInstagramLinkedInYouTubeTwitter HomeNAAC Criteria NAAC Criteria Software Development Center 20230701T11:49:2500:00

MEA SJCET Palai MEA Software Development Center 20240415T03:53:0900:00 Mechanical Engineering Association Mechanical Engineering Association MEA is a unified platform where ideas of both faculty as well as students of our department are shared and new thoughts are generated. MEA have been actively conducting programmes from its inception. Programmes include Technical Sessions, Hands On Workshops, Conferences, Seminars, Project Presentations, Mechaura, Quiz Competitions, Design Contests etc. Mechanical Engineering Association Activities 202324 The Mechanical Engineering Association MEA at SJCETPALAI showcased a diverse array of technical and interactive events during the academic year 202324. MECHTRIX Automobile Gear Mechanism The Automobile Gear Mechanism exhibition, organized by firstyear mechanical engineering students, elucidated the intricacies of gearboxes used in automobiles. The event attracted significant participation from both internal and external attendees, fostering learning and exchange of knowledge. Total 459 students visited the exhibition. BYTE BLITZ Loading Challenge The BYTE BLITZ Loading Challenge tested participants strength and endurance through a gripping competition. Dhanashyan Bino from Mangalam College of Engineering emerged victorious, showcasing exceptional skills in maneuvering weights within a designated track. This event added a thrilling dimension to the fest, promoting physical prowess and competition. Guess the Logo The Guess the Logo event provided a platform for participants to showcase their knowledge of company

logos and flags. Conducted in multiple levels with stringent time limits, the competition witnessed enthusiastic participation. Bijesh Biju and Roshan Roy from MBCCET Kuttikanam clinched the top prize, showcasing their adeptness in logo recognition. Heist In Mist Heist In Mist offered a unique blend of athleticism and strategy, combining basketball and heist challenges. Participants demonstrated their basketball skills before navigating through lasers to secure treasures, testing agility and quick thinking. The event showcased the fusion of sports and problemsolving, captivating the audience. Design Challenge Contest The Design Challenge Contest provided a platform for innovation and creativity. Zaina Zakeer from Mangalam College of Engineering and Technology emerged as the winner, showcasing exemplary design skills. The event highlighted the importance of quality and innovation in engineering endeavours. Treasure hunt The Treasure Hunt event captivated participants with its blend of intellect and adventure. Teams embarked on a thrilling quest, deciphering clues and racing against time to locate hidden treasures. The event fostered teamwork and problemsolving skills, creating memorable experiences for all involved. Auto Quiz he Auto Quiz tested participants knowledge of automobiles, offering a platform for showcasing technical expertise. Winners Mr. Adithyan and Ms. Navaneetha from Saintgits College of Engineering exhibited commendable knowledge in the subject, adding an element of competition and excitement to the fest Triumph Workshop The Triumph Workshop provided insights into the design and specifications of Triumph motorcycles, enriching participants understanding of automotive engineering. The workshop attracted enthusiastic participation and facilitated knowledge exchange among students. Baja Buggy Workshop MEA association conducted a workshop on the design and manufacturing of Baja Buggy in collaboration with the SAE college chapter, offering practical insights into offroad vehicle engineering. Drone workshop MEA association organized a Drone workshop on 11/11/2023. Total 24 students participated in the program. One Day Seminar SJCETPALAI hosted a seminar on April 9th, 2024, focusing on Advances in Additive Manufacturing for the Creation of NextGeneration Thermal Energy Storage Devices. The event was organized by the Dpt. of Mechanical Engineering in collaboration with the Indian Society for Heat and Mass Transfer ISHMT college chapter. Dr. Sandra Boetcher, a distinguished professor of Mechanical

Engineering and College of Engineering Research Fellow at EmbryRiddle Aeronautical University, United States of America, graced the occasion with her insightful presentation. The seminar attracted an audience of approximately 400 enthusiastic students. Overall, the activities conducted by MEA during 202324 demonstrated a blend of technical excellence, innovation, and collaborative spirit, enriching the learning experience for students and enthusiasts alike.

NAAC Criteria Old SJCE Palai 5.1.1 1 Percentage of students benefited by scholarships and freeships provided by the Government agencies during last five years 202122 5.1.1 1.1 a Sanction Letter from the Government 5.1.1 1.1 b List of Students benefited 202021 5.1.1 1.2 a Sanction Letter from the Government 5.1.1 1.2 b List of Students benefited 201920 5.1.1 1.3 a Sanction Letter from the Government 5.1.1 1.3 b List of Students benefited 201819 5.1.1 1.4 a Sanction Letter from the Government 5.1.1 1.4 b List of Students benefited 201718 5.1.1 1.5 a Sanction Letter from the Government 5.1.1 1.5 b List of Students benefited 5.1.1 2 Percentage of students benefited by scholarships and freeships provided by the NonGovernment agencies and philanthropists during last five years 202122 5.1.1 2.1 a Policy Document of the Institution 5.1.1 2.1 b List of students benefited 202021 5.1.1 2.2 a Policy Document of the Institution 5.1.1 2.2 b List of students benefited 201920 5.1.1 2.3 a Policy Document of the Institution 5.1.1 2.3 b List of students benefited 201819 5.1.1 2.4 a Policy Document of the Institution 5.1.1 2.4 b List of students benefited 201718 5.1.1 2.5 a Policy Document of the Institution 5.1.1 2.5 b List of students benefited 5.1.2 Capacity building and skills enhancement initiatives taken by the institution 5.1.2 1 Soft skills 5.1.2 2 Language and communication skills 5.1.2 3 Life skills Yoga, physical fitness, health and hygiene 5.1.2 4 ICTcomputing skills 5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years 202122 5.1.3 1 a Soft copy of Circular brochure report of program 5.1.3 1 b List of Participants 202021 5.1.3 2 a Soft copy of Circular brochure report of program 5.1.3 2 b List of Participants 201920 5.1.3 3 a Soft copy of Circular brochure report of program 5.1.3 3 b List of Participants 201819 5.1.3 4 a Soft copy of Circular brochure report of program 5.1.3 4 b List of Participants 201718 5.1.3 5 a Soft copy

of Circular brochure report of program 5.1.3 5 b List of Participants 5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases 5.1.4 1 Implementation of guidelines of statutory regulator bodies 5.1.4 1 a AICTE Guidelines 5.1.4 2 Organisation wide awareness and undertakings on policies with zero tolerance 5.1.4 2 a Affidavit from Students and Parents 5.1.4 2 b Affidavit from Students and Parents Hostel 5.1.4 3 Mechanisms for submission of onlineoffline students grievances 5.1.4 3 a Mechanisms for submission of online students grievances 5.1.4 3 b Mechanisms for submission of offline students grievances 5.1.4 4 Timely redressal of the grievances through appropriate committees 5.1.4 4.1 AntiRagging Committee 5.1.4 4.1 a Constitution of the Committee 5.1.4 4.1 b Minutes of the Meeting 5.1.4 4.2 Internal Complaint Committee 5.1.4 4.2 a Constitution of the Committee 5.1.4 4.2 b Minutes of the Meeting 5.1.4 4.3 Student Grievance and Redressal Committee 5.1.4 4.3 a Constitution of the Committee 5.1.4 4.3 b Minutes of the Meeting

MBAHome SJCET Palai MBAHome Software Development Center 20240319T04:32:0300:00 Management is doing things right leadership is doing the right things. Peter Drucker St.Josephs Business School was started in the Year 2006. Its establishment was the fulfillment of a long cherished dream of providing facilities for professional education to the people of the surrounding regions.From its very inception SJCET School of Management had been relevantly establishing an impeccable reputation among the general public, the emerging professionals and the various visiting committees as a College which stands out. Affiliated to APJ Abdul Kalam Technological University, Kerala, the school offers Masters programme in Business Administration. The aim is to provide an education that helps the nandrolone decanoate tabs for sale students to realize their full potential and be business and industry ready when finishing the course. With this in view, facilities are provided in the college for personality development, Yoga and meditation training, learning skills development, employability skills development, communication skills development, expert counselling services, special coaching for weaker students and sports and games facilities. Vision Mission Motto Vision To emerge as a centre of excellence in the field of management education with

a distinct identity and character in all areas of activities. Mission To maintain a conducive infrastructure and a learning environment to become a centre of excellence. To nurture a team of dedicated, competent and research oriented faculty. To support and promote student development for their successful career. Motto Our motto is holistic development of students by providing facilities and opportunities for their intellectual, physical, moral, social and cultural and spiritual enrichment and thereby transforming them in to responsible and dedicated citizens of country. Placement Training: A Journey Towards Professional Excellence St. Josephs Business School, St. Josephs College of Engineering Technology, Autonomous, in association with Prep Academy, organized a fourday placement training session for finalyear MBA and MTech students of the 20232025 batch. Entrepreneurship Essentials: Building and Scaling Your Business for Success The WINGS 2.0: A Project of Nazrani Margam third semester MBA students attending entrepreneurship development program held at the St. Berchmans College Auditorium, Changanacherry, from August 2nd to August 4th, 2024. Future Leaders Forum: Unlocking Business Insights for Tomorrows Innovators Third Semester MBA students 202325 batch attending Pala Management Association Business meeting at the Alphonsin Pastoral Institute, on July 25th, 2024. Mastering the Art of Soft Skills: Unlock Your Potential for Success soft skills training for MBA S3 20232025 Batch by Mr. Rohan Hubert, Accounts Manager, MIDAS consulting on 6th July 2024 Excel Essentials: Unlocking the Power of Spreadsheets A comprehensive Microsoft Excel training session and exam conducted from 5th Aug to 9th Aug 2024 at St. Josephs Business School, St. Josephs College of Engineering Technology Autonomous, for the MBA S3 students of the 2023 2025 batch. Bridging Experience and Academia: Mr. Vishal Thomas Payikad, Priority Relationship Manager, Federal Bank, Pathanamthitta and MBA 201820 Alum, Offers RealWorld Insights to FirstYear MBA Students Embarking on a New Journey: MBA 20242026 Batch Inauguration Ceremony Breaking the Ice, Building Skills: Kathiravan Pethi, Leadership and Public Speaking Coach, Kickstarts the Journey for FirstYear MBA Students 202426 batch Behind the Headlines: FirstYear MBA Students 20242026 batch Tour Malayala Manorama Printing Press Unit, Kottayam for a Glimpse into Media Production Setting the Table for Success: First year MBA Students 20242026 batch refine their dining etiquette

with Mr. Varghese Johnson, HOD, St. Josephs Institute of Hotel Management on 13th August 2024

Building Bonds, Forging Leaders: MBA FirstYear Students 2024206 batch Engage in Dynamic Team Building Exercises with Er. Babu Sanker, Assistant Professor, Mechanical Department, SJCET

Second year MBA students visited Holiday Inn, Kochi as part of Industrial visit S4 MBA20222024 BATCH STUDENTS Second year MBA students visited Sea Blue Shipyard Ltd, Cochin as part of Industrial visit Experience sharing by alumnus Ms. Teresa Joy MBA 20092011 BATCH S4 MBA students attending Value Added Course VAC offered by Hedge Equities, Cochin S4 MBA students visited the Mariyasadanam Rehabilitation Centre, Pala S2 MBA students visited CIAL solar power plant, Cochin on 26th March 2024 as part of Industrial visit S4 MBA Students visited IKEA, Bengaluru S4 MBA Students visited Stovekraft at Bidathi Industrial area, Bangalore S4 MBA Students visited Bengaluru for a Knowledge Exchange Programme Kristu Jayanti College and St. Josephs Business School, Palai on 11032024 SJBS MBA Staff 202123 MBA Batch 202022 MBA Batch IndustrialVisit to Jeevan Tea Factory SJBS industrial visits wemeanbusiness SJBS industrial visits wemeanbusiness SJBS industrial visits wemeanbusiness SJBS Student Leadership Participants for National Level MDP organised by Kristu Jayanti College Bangalore SJBS Student Leadership Paper presented at International Conference Organised by Macfast College

CURRICULUM Eligibility Candidates who have been awarded or qualified for the award of the Bachelors degree in Engineering Technology Business Administration with 50 marks in aggregate or Bachelors degree in Arts Science Commerce with 50 marks in aggregate for the main course papers are eligible to apply for admission to the MBA programme. The aspiring candidates should also possess a valid CATCMATKMAT Score. Trimester MBA programme will be structured on credit based system following the trimester pattern with continuous evaluation. Duration for the MBA programme will normally be six trimesters. Each trimester shall have 55 instruction days i.e. 11 weeks of instruction. The general course structure of MBA programme will be as given below

Core courses Specialization Electives Project work A Student can opt for specialization in the second year as per rules framed for this by the Academic Board for Management Programme ABM of APJ Abdul Kalam Technological University. Curricula for the first three trimesters will be common for all

specializations of the MBA programme. Academic Calendar The University shall publish the academic calendar for every academic trimester year, indicating the commencement of trimesters as well as instructions, course registration dates, enrollment dates, weeks in which the mandatory internal tests are to be conducted, dates for completing internal evaluations, last instruction day in the trimester, schedule of trimester examinations and official holidays in the trimester academic year.

OUR STRENGTH INITIATIVES BEYOND THE CLASS ROOM EXPERT TALKS St. Josephs Business School regularly Invites experts from diverse fields to share their insights on topics of current relevance. This helps the budding managers to stay updated with the industry and to connect with them.

FOREIGN COLLABORATIONS St. Josephs Business School actively collaborate with foreign universities for various academic programs.

CERTIFICATION PROGRAMS Students can choose from a wide range of certified programmes offered for enhancing their expertise in their domain areas.

WISDOM STRIDES Wisdom strides is an innovative programme which gives students a chance to walk along with successful personalities and to hear their words of wisdom .

SOFT SKILLS DEVELOPMENT TRAINING Training programmes by expert outside agencies are arranged for developing various employment related skills such as effective communication, leadership skills, group activity skills, motivation etc.

INDUSTRIAL VISIT Visits to industries are an integral part of management studies. It enables the students to get a glimpse of the industry so as to get a practical exposure in real time. The management operations can also be understood to a great extent.

ENTREPRENEURIAL INITIATIVES The department is keen in organizing various programs aimed at cultivating entrepreneurial skills among students under the auspicious of ED Cell. Interactions with well known Entrepreneurs, workshops, awareness programs , paper presentations etc. are a regular feature of our MBA Programme

Community Development Programme St. Josephs Business School conduct community development activities with the aim of imbibing amongst students selfless service to the community, dignity of labour, importance of selfhelp, and the need to protect the environment.

LEARNING SKILLS DEVELOPMENT TRAINING This is a unique training programme for students arranged by this college. Lectures are given on how to learn effectively and how to manage the time available for students in the most effective way.

STUDENT ACTIVITIES ACHIEVEMENTS FEE STRUCTURE Your Content Goes Here
 Type Trimester 1 Trimester 2 Trimester 3 Trimester 4 Trimester 5 Trimester 6 TOTAL Amount in Rs.
 TOTAL FEE 66700 64700 65100 65700 64700 65600 392500 Payment Schedule 1st Instalment
 14082019 2nd Instalment 14112019 3rd Instalment 14022020 4th Instalment 14072020 5th
 Instalment 14102020 6th Instalment 15022021

Meera Kuncheria SJCET Palai Date of joining SJCET : 15102007 Status as on date of joining :
 Lecturer Present status : Assistant Professor Sl. No Name of the
 college Industry Designation Experience Years Months 1 St. Thomas College of Allied Health
 Science, Chethipuzha Lecturer 2 years Sl. No Name of Training Workshop Year Date
 Duration Organizer 1 Teaching Excellence and methodologies 25052009 to 30052009 Govt.
 Engineerign College, Thrissur 2 Faculty Development Programme 24052010 to 26052010 MG
 university, kottayam 3 Faculty Development Program on Gender Equality and workplace security
 August September 2022 NPTEL 4 International FDP on Advanced Research and quality Publication
 2982022 to 2092022 Federal Institute of Science and Technology 5 Pedagogy and Learning:
 Mapping New Approaches 3rd January to 9th January 2022 Jyoti Nivas College, Bengaluru 6
 Faculty Development programme on Goods and Service tax 9th August to 14th August 2021.
 Institute of Chartered Accountants of India 7 Faculty Development Programme in Trends and
 Challenges in Digital Business Innovation 26th July to 30th July 2021 Jawahar Lal Business School,
 Palakkad 8 International Finance Conclave on FinTech: Digital Transformation in the Pandemic Era
 July 31, 2021 CMS Business School, JAIN Deemed to be University 9 Faculty development workshop
 on Accounting Standards 27th October to 30th October 2020 Institute of Chartered Accountants of
 India, ICAI, Ernakulam Branch 10 STTP on Outcome based Education and Quality Assurance in
 Teaching 17th August to 22nd August 2020. SCMS School of Technology and Management 11
 STTP on Outcome based Education and Quality Assurance in Teaching 28th September to 4th
 October 2020 SCMS School of Technology and Management, Kerala 12 Faculty Development
 Programme on Decision Making using Financial Accounting July September 2019 NPTEL

Mereen Thomas SJ CET Palai Mereen Thomas Software Development Center
20220509T06:55:5300:00 Prof. Mereen Thomas Assistant Professor Department of Computer
Science Engineering Mobile Number: 91 9847043961 Email: mereen.thomassjcetpalai.ac.in Date of
Joining:01.09.2008 Education Experience Memberships Publications STTP Conference Seminars
Workshops Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer
Science University College of Engineering, Mahatma Gandhi 2005 M.Tech. Computer Science
College of Engineering , Guindy Campus Anna University 2014 Experience Name of the
CollegeIndustryDesignationDate of JoiningDate of Relieving Mangalam College of Engineering
Lecturer February 18, 2008 August 22, 2008 Memberships Name of the Institution: ISTE
Publications An Approach to understand Human Behaviour Pattern ,in International Journal of
Computer Trends and Technology, Vol. 12 issue 1 2014, ISSN:22312803 Visual Role Mining Using
Adviser and Extraction Algorithm in Business Environment, in International Journal of Engineering
Research Technology,Volume.3, Issue.04, April 2014 , ISSN:22780181 Secure Authorized
Deduplication and Differential Query Services in Cost Efficient Cloud , in International Journal for
Innovative Research in Science Technology, Volume 2, Issue 6 Nov 2015, ISSN online :23496010 A
Review on PrivacyConserving Public Auditing for Shared Data in Cloud Computing Placement
Prediction using Various Machine Learning Models and their Efficiency Comparison in the
International Journal of Innovative Science and Research Technology Volume5, Issue5, May2020,
ISSN No: 24562165. NonInvasive Anaemic Detection in the International Research Journal of
Engineering and Technology IRJET eISSN: 23950056 Volume: 07 Issue: 05 | May 2020
WE4YOUSystem for Online Medicine Purchasing and Online Consulation,in International Research
Journal of Engineering and Technology, Volume 8, Issue 6, June 2021, eISSN: 23950056.
WEBSKOOL Integrated Platform for Online Education,in International Research Journal of
Engineering and Technology, Volume 8, Issue 6, July 2021, eISSN: 23950056. STTP Conference
Seminars Workshops Participated in One Day Workshop on Nano Technology Significance
Applications organised by Department of Mechanical Engineering in Nov 2008 Participated in STTP

on Linux Networking and System Administration organised by Department of Computer Science Engineering in Dec 2008 Presented a paper on Web Based iLabs in Feb 2009 Attended International Workshop on Open Source Tool for Engineering in October 2009 Participated in STTP on Advances in Image Processing in Nov 2009 Attended a STTP on Soft Computing :Methodologies and Applications in Feb 2010 Attended STP on Pedagogic Strategies for Effective Engineering Education in Nov 2010 Presented a paper on An Approach to Understand Human Behaviour Pattern in National Conference in March 2014 Participated in TwoWeek ISTE Workshop on Computer Programming in MayJune 2014 Attended Two day ISTE eSeminar on Steps 2 Research in Sep 2014 Participated in TwoWeek ISTE STTP on Introduction to Design of Algorithms in May 2015 Participated in TwoWeek ISTE Workshop on Technical Communication in Dec 2015 Participated in the Workshop Pursue, Publish, Prosper in March 2016 Participated in an FDP on Design Thinking in July 2018. Presented a paper on A Study on Mobile AdHoc Networks in the International Conference on Innovative trends in Science and Technology on 27th Nov 2018 Successfully completed an NPTEL 12 weeks course on Computer Organization and Architecture on April 2019. Presented a paper on Soundmate : A hearing Aid Application in National Conference on Advances in Smart Computing and Data Science on 8th May 2019 Presented a paper on Phishing Website Detection using Machine Learning Implemented as Browser Extention on 8th May 2019. Successfully completed an NPTEL 12 weeks course on Introduction to Internet of Things in October 2019. Successfully completed Software Development Processes and Methodologies an online noncredit 10 weeks course authorized by University of Michigan and offered through Coursera on 19052020. Participated in the 6 days AICTE sponsored short term training programme on BLOCKCHAIN FUNDAMENTALS from 24th 29th August, 2020 Participated in 6 days AICTE sponsored short term training programme on Guidance and Counselling from 7th 12th Dec 2020 Participated in the sponsored AICTE Training and Learning ATAL Academy Online FDP on Data Sciences from 18th to 22nd Jan 2021. Participated in the sponsored AICTE Training And Learning ATAL Academy Online FDP on Blockchain from 22nd 26th February 2021. Successfully completed an NPTEL 8 weeks course on Cloud Computing and Distributed Systems in March 2021.

Participated in the KTU Sponsored 5 days online FDP on Practical Data Science from 19th to 23rd July 2021.

Neena Joseph SJCT Palai Neena Joseph Software Development Center

20230720T09:47:0700:00 Prof. Neena Joseph Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 9495804753 Email: neenajosephsjcetpalai.ac.in

Education Experience Membership Publications FDPSTTPConferencesSeminars

AwardsAchievements Patents BooksChapters Education Sl.

No.DegreeSpecializationInstitutionUniversityYear of Passing 1 B.Tech Computer Science and

Engineering Mangalam College of Engineering Mahatma Gandhi University 2008 2 M.Tech

Computer Science and Engineering Achariya College of Business Technology Manonmaniam

Sundaranar University 2012 3 Ph.D Pursuing Machine Learning Mangalam College of Engineering

APJ Abdul Kalam Technological University Experience Name of the collegeIndustryDesignationDate

of JoiningDate of Relieving Mangalam College of Engineering Assistant Professor 01.09.2008

27.01.2023 Membership Name of the InstitutionMembership ID IEEE 98115901 Publications

Sahaya Kingsly, Neema George, Neena Joseph, K. John peter, Sruthy K. Joseph and K. A.

Mohamed Riyazudeen, Wireless IoT Security Management Enhancement and Optimization using

Various Elements, 2023 5th International Conference on Smart Systems and Inventive Technology

ICSSIT, Tirunelveli, India, 2023, pp. 555561, doi:10.1109/ICSSIT55814.2023.10060989. Luv Michael

Surve, Vishnu Sivan, Yedukrishnan J, Yethi J Nair, Neena Joseph, 2022, Spredictor: A Stock

Analysis based on Sentiment, News and Historical Data, International Journal of Engineering

Research Technology IJERT ICCIDT 2022 Neethu Maria John¹, Neena Joseph , Nimmymol Manuel

, Sruthy Emmanuel and Simy Mary Kurian, Efficient data aggregation and improved prediction in

cooperative surveillance system through Machine Learning and Particle Swarm based Optimization,

EAI Endorsed Transactions on Energy Web, 03 June 2021. Jerin Jose Philip, Surya Babu, Zacharia

Alexander, Shilpa K Mohanan, Neena Joseph, 2021, Design and Development of AgileScrum

Dashboards, International Journal of Engineering Research Technology IJERT ICCIDT 2021

Volume 09 Issue 07. Megha S , Nitha Johny , Raicy Ann Mammen , Sandra M , Neena Joseph, result prediction system using machine learning, In IJACST, Volume 9, Issue 07, July 2020. Alby Binoy, Alpha Gigi, Aswathy Sukumaran, Neena Joseph, Hackdroid: Child Safe Browser with Parent Control, In International Journal of Information Systems and Computer Sciences IJISCS, Volume 9, No.3, May June 2020. Aksa Mariam George, Joel Abraham Chekkulathu, Neena Joseph, An Empirical Comparative Study on Methodologies of Sentimental Analysis, In IJWCNT, Volume 8, No.3, March April 2019. Liya Treesa Kunjumon , Sharon Shaji , Saffi Treesa Saji , Thasneem Naushad , Neena Joseph, An Intelligent System to predict Students academic performance using Data Mining, In IJISCS, Volume 8, No.2, March April 2019. Soniya Joy , Neena Joseph, Secure confidentiality of big data streams using selective encryption method and regression algorithm, In International Journal of Information Systems and Computer Sciences , Volume 8, No.2, March April 2019. Soniya Joy , Neena Joseph, Automatically mining query facet from search results using text mining algorithm, In IJARIIT, Volume 4, Issue 03, June 2018. Athira Manikuttan, Vinodh P Vijayan, Neena Joseph, Multiple parameter analysis on wireless network using spatial reusability, In 2018 IJCRT , Volume 6, Issue 2 April 2018. Athira Manikuttan, Vinodh P Vijayan, Neena Joseph, Improving EndtoEnd Throughput in Wireless Network using Spatial Reusability, In IJARIIT, Volume 4, Issue 01, February 2018. Kiren Vijai, Neena Joseph, An Efficient Security Key for Practical Requirement of PIN Entry Protection Section Authentication, In IJARIIT, Volume 4, Issue 01, February 2018. Neena G Krishnan, Neena Joseph, CHUI Based Policy Prediction and Image Search on Content Sharing Sites, In IJIRCCE, Volume 4, July 2016. Neena G Krishnan, Neena Joseph, Pattern based Information Filtering for Author Community Generation, In IJSER, Volume 4, Issue 2, February 2016. Mintu Thomas, Neena Joseph, A Unified Framework for Answering k Closest Pairs Queries and Variants using Grouping of Objects In IJIRCCE, Volume 3, Issue 8, August 2015. Mintu Thomas, Neena Joseph, Secure Mining of Generalized Association Rules from Horizontally Distributed Databases In IJETST, Volume 2, Issue 4, April 2015. Vishnu S Sekhar, Neena Joseph, Optimizing the Virtual Machine MigratiCloud Computing Systems by using Future Prediction Algorithm In IJERT, Volume. 3, Issue.08, August 2014. Vishnu S Sekhar, Neena Joseph, Stealthy

P2P Botnet Detection Based On Automated Threshold Computing Using Genetic Algorithm In IJCSIT, Volume. 5, 2014, 69106813. FDPSTTPConferencesSeminars Faculty Development program on The Intelligent Future: Unlocking the Potential of Artificial Intelligence organised by Department of Electronics communication Engineering, Mangalam college of Engineering, from 3rd 7th July 2023. FDP on Deep Learning for Beginners hosted by Centre for Artificial Intelligence, TKM College of Engineering from 26th 31st August 2022. FDP on Machine learning hosted by Providence College of Engineering from 25th 29th April 2022. Faculty Development Programme on Research Trends and Applications of IoT from 23rd 27th May 2022 organised by the Department of Computer Science Engineering, SCMS School of Engineering and Technology. Faculty Development Programme on Research Trends and Applications of NLP from 14th 18th February 2022 organised by the Department of Computer Science Engineering, SCMS School of Engineering and Technology. Online FDP on DP Database Programming with SQL from 15th December 2020 18th December 2020, Organized by ICT academy. Online FDP on Electrical Computer Engineering from 4th November 11th November 2020 at Indian Institute of Information Technology, Kottayam. Online FDP on Artificial Intelligence from 19th October to 23rd October 2020 at Rajagiri School of Engineering and Technology. FDP on Modern Trends in Web Technologies, Yatnam Technologies, Ernakulam, 3rd June 6th June 2020. International Conference on Computational Intelligence and Digital Technologies ICCIDT 2K20 organized by Dept. of Computer Science Engineering, MLMCE, from June 15th to 16th, 2020. FDP on Artificial Intelligence Machine Learning, MLMCE, Ettumanoor, 22nd July 26th July 2019. International Conference on Computational Intelligence and Digital Technologies ICCIDT 2K219 organized by Dept. of Computer Science Engineering, MLMCE, from April 11th to 12th, 2019. Faculty Development Programme on IT Tools for Academics Research, from 15th January 17th January 2019, Mangalam College of Engineering. FDP on Android Developer Fundamentals from 17th July 21st July 2018, organized by MLMCE. Faculty Development Programme on Compiler Design, from 8th June 2018 13th June 2018, KITS Engineering College, Pallickathodu. Faculty Development Programme on IT Tools for Academics Research from 6th December 2017 8th December 2017 at MLMCE. Faculty Development

Programme on Theory of Computation, from 22nd May 27th May 2017, Saintgits College, Pathamuttom. Faculty Development Programme on A New Dimension in Approaching a Student on 5th December 2015, organized by MLMCE, Ettumanoor. Faculty Development Programme on Use of NMEICT other elearning resources for class room teaching conducted by NITTTR, Chennai from 1st June 2015 5th June 2015 at MLMCE. Workshop on Cloud Computing and Data Virtualization, 15th March 2014 16th March 2014, IITMK ,Trivandrum Faculty Development Programme conducted by Centre for continuing professional development, Kristhu Jayanthi College, Bangalore, from 1st July 2011 to 2nd July 2011 organised by MLMCE, Ettumanoor. Awards/Achievements Qualified UGC Net for Assistant professor in the subject Computer Science and Applications on 8th July 2018. Patents Sl. No. Application No. Filing Year Title of Invention Patent date 1 2022 41066583 A 2022 Machine Learning and Artificial Techniques for Intrusion Detection in Network Security 25.11.2022 Books/Chapters Sl. No. Title of the Book Publisher Year of Publication ISBN 1 System Technologies and MEMS Iterative International Publishers IIP 2023 9789395632850 2 Database Management Systems Lab Manual Technostar Publications 2022 9788195894147

Midhun Thomas SJCET Palai Midhun Thomas Software Development Center 2022 0711T05:38:2500:00 Prof. Midhun Thomas Assistant Professor Department of Mechanical Engineering Mobile Number: 9747983830 Email: midhunthomassjcetpalai.ac.in Date of joining: 01/11/2021 Education Experience Conference Seminars Conducted STTP Conference Seminars Workshops attended STTP , Workshops, FDP, Webinar Education Degree Specialization Institution University Year of Passing Diploma Tool Die Making N.T.T.F, Cochin Edutech N.T.T.F 2010 B.Tech Mechanical Engineering SJCET, Pala M.G University 2015 M.Tech Propulsion Engineering C.E.T A.P.J Abdul Kalam Technological University 2017 Experience N.T.T.F Industries Pvt Ltd, Tamil Nadu Tool Maker Trainee July 2009 July 2010 Kedagea Precisions Pvt Ltd, Bangalore Tool Die Maker August 2010 February 2011 St .Antonys Polytechnic, Pala Lecturer 2014 October 2015 August Gurudeva Institute of Science Technology, Kottayam Assistant

Professor 2018 Januray 2018 June College of Engineering Trivandrum Research Fellow 2019 January 2020 March MGM College of Engineering Technology,Pampakuda Assistant Professor 2020 September 2021 October Conference Seminars Conducted SnoName of the EventDate of the Event 1 International Conference on Materials,Mechanics and Management IMMM MARCH 2019 STTP Conference SeminarsWorkshops attended SnoName of the EventDate of the Event 1 International Conference on Materials,Mechanics and Management IMMM MARCH 2019 STTP , Workshops,FDP,Webinar NoTitleOrganizersDates 1 Online fdp on Enegy Engineering conducted by AICTE at Global Academy of Technology 7122020 to 11122020 2 Webinar on Automotive Competitions in India conducted at MGM college of Engineering and Technology, Pampakuda on 13102020 MGM college of Engineering and Technology, Pampakuda 13102020 3 Webinar on Future Era of Robotics conducted at MGM college of Engineering and Technology, Pampakuda on 14092020 MGM college of Engineering and Technology, Pampakuda 1409202

Neethan Elizabeth Abraham SJ CET Palai Neethan Elizabeth Abraham Software Development Center 20241030T05:03:3300:00 Prof. Neethan Elizabeth Abraham Assistant Professor Department of Electronics Communication Engineering Mobile Number: 91 9496465729 Email: neethansjcetpalai.ac.in Date of joining SJ CET: 01102024 Education Experience Memberships FDP ConferencesPublications Patent Publications MOOC Courses Education DegreeSpecializationInstituteUniversityYear Of Passing B.Tech. Electronics Communication Engineering TKM Institute of Technology CUSAT 2010 M. Tech. Communication Engineering Federal Institute of Science Technology M. G. University 2014 Ph. D Pursuing Antenna Design in Medical Field Karunya Institute of Technology Karunya University Experience Name of the CollegeDesignationDate of JoiningDate of Relieving College of Engineering, Poonjhar Lecturer 17072010 28042011 College of Engineering, Chenganoor Assistant Professor 19072013 30042015 Mangalam College Of Engineering,Ettumannor Assistant Professor 26052015 30092024 Memberships Sl. NoName of the Professional BodyType of MembershipMembership ID 1 ISTE Lifetime LM123432 FDP Attended FDP on NextGeneration Wireless Communication and Handson

Session in HFSS for RF and Microwave from 29 th June 2024 to 5th July 2024 at Adi Sankara Institute of Science Technology. Attended FDP on Current trends in Electronics and Communication from 21st August 2022 to 25th August at Yonous College of Engineering Technology. Attended AICTE Sponsored FDP on Switching Theory Logic Design from JulyOct 2019 by NPTELWAYAM. Attended ATAL FDP on Internet of Things at IIT PALAKKAD ATAL from 17102020 to 21102020. Attended ATAL FDP on Robotics at Adi Sankara Institute Of Science Technology from 792020 to 1192020. Attended ATAL FDP on Microsystem Design Control Engineering at Saintgits College Of Engineering Autonomous Kottayam from 792020 to 1192020. Attended Seminar on Robotic Process Automation in new world by ICT Academy on 29 th June 2020. Attended ATAL FDP on Antennas at Saintgits College of Engineering from 1292018 to 1892018. ConferencesPublications
Pioneering Efficient Blockchain in IoT: A Review of Tailored Protocols for Modern Devices, 2023
IEEE International Conference on Recent Advances in Systems Science and Engineering RASSE
Year: 2023 A Paper Titled An Effectual Analysis On Integrating Blockchain, Edge Computing And
Cloud Computing Into Internet Of Things, presented a paper titled in the AICTE sponsored
International Conference on Cyber Security and Ethical Hacking in Blockchain Technology ,October,
2021 Random Area Selective Image Steganography With LSBMBR In IJARCCCE Volume5, Issue10
In Oct 2016. FPGA Implementation Of Subbyte Inverse Subbyte Transformation For AES Algorithm
E Journal IJSRD, Volume1, Issue5 In July 2013. FPGA Implementation Of Mixcolumn Inverse
Mixcolumn Transformation For AES Algorithm E Journal IJSRD, Volume1, Issue9 In Nov 2013.
Patent Publications Sl. NoTitle of InventionDetails 1 Secure Communication Protocol For Internet Of
Things IOT Networks Application No.202441030730 A Publication Date: 26042024 January 1, 1970
2 Efficient Spectrum Allocation Technique For Cognitive Radio Networks Application
No.202441030731 A Publication Date : 26042024 MOOC Courses Completed NPTEL course in
Antennas during JanApril 2018, Offered by NPTEL, IIT Bombay. Completed NPTEL course in
Microwave Theory Techniques during JulyOct 2018, Offered by NPTEL, IIT Bombay. Completed
NPTELAICTE course in Switching theory Logic Design during JulyOct 2019, Offered by NPTEL, IIT
Kharagpur. Completed Coursera certificate course on Python for Everybody by university of

Michigan. Completed Coursera certificate course on Python Basics by university of Michigan

Minna Roselin Cherian SJ CET Palai Minna Roselin Cherian Software Development Center
20220428T10:16:0500:00 Prof. Minna Roselin Cherian Assistant Professor Department of Civil
Engineering Mobile Number: 91 8547973749 Email: minnaroselinsjcetpalai.ac.in Date of Joining:
1112021 Education Experience FDP Education Course Specialization College University Year 1 M
Tech Structural Engineering and Construction Management Mar Athanasious College of
Engineering, Kothamangalam MG University 2015 Experience Institution Position Period 1 BTC
College of Engineering Technology, Koothattukulam Assistant Professor 172014 30112014 FDP
Outcome based Education in Professional Institutions held during 27122021 to 112022 organized by
St. Josephs College of Engineering and Technology, Palai. . Advances in Bridge Engineering held
during 2132022 to 2532022 organized by Government Engineering College, Thrissur

Neethu Joseph SJ CET Palai Neethu Joseph Software Development Center
20240805T05:13:3000:00 Prof. Neethu Joseph Assistant Professor Department of Civil Engineering
Mobile Number: 91 8289963073 Email: neethujosephsjcetpalai.ac.in Date of Joining: 24062013
Nature of association: Regular Education Experience Memberships FDP Publication Seminar
Workshops MOOC courses Education Sl. No. Qualification University Institution Year of
passing Specialization 1 B. Tech Karunya University Karunya University 2011 Civil Engineering 2 M.
Tech M.G. University Mar Athanasius College of Engineering 2014 Computer Aided Structural
Engineering Experience Teaching Experience : 5 years Sl. No. Name of the
college Industry Designation Experience Years Months 1 St. Josephs College of Engineering and
Technology, Palai Assistant Professor 24062013 till now Memberships ASCE FDP A Short course
on Random Vibrations at Rajagiri School of Engineering Technology, Kochi from 9th to 14th
December 2019 Online FDP on Forensics in Civil Engineering at Sree Buddha College of
Engineering from 27th to 30th July and 3rd August 2020 National level online faculty development
program on Theory and Practices of Steel Structure Design at Saintgits College of Engineering from

12th to 16th August 2020 AICTE Training and Learning ATAL Academy online FDP on Ethics, Moral Values, Behavioral Science Attitude at College of Engineering, Trivandrum from 12th October to 16th October 2020 AICTE Sponsored STTP on Guidance and Counselling from 8th to 14th February 2021 at SJCT online AICTE Training and Learning ATAL Academy online elementary FDP on Academic Leadership in Higher Education at Central University of Rajasthan from 17th May to 21st May 2021 KTU sponsored online FDP on Construction Industry Present and Future Trends at FISAT from 21st to 26th June 2021 National faculty development program on Outcome Based Education and Accreditation at Christ college of Engineering, Irinjalakuda from 31st August to 2nd September 2021, 3 days online Faculty Development Programme on Instructional Design Delivery System conducted at SJCT by TIST School of Education Leadership TISEL from 24th to 28th June 2013 AICTE ISTE approved orientation refresher programme on Outcome Based Education in Professional Institutions held during 27/12/2021 to 10/12/2022 at St. Josephs College of Engineering Technology, Palai STTP on Advances in Bridge Engineering Design and Research Perspective organised by Dept. of Civil Engineering, Govt. Engineering College Thrissur from 21st to 25th March 2022. Publication A Review on Offshore Wind Turbine Foundations International Research Journal of Engineering and Technology IRJET Vol 9 Issue 4 April 2022 Review on Web Crippling Capacity of Cold Formed Steel Sections International Research Journal of Engineering and Technology IRJET Vol 9 Issue 3 March 2022 Literature Review on FRP Wrapping Over Structural Components International Research Journal of Engineering and Technology IRJET Vol 9 Issue 4 April 2022 Experimental Investigation on Properties of Bacterial Concrete International Journal of Research In Engineering Technology Volume 1 Issue 4, July August 2016 Effect of Floating Column on the Seismic Behaviour of a Multistoried Building International Research Journal of Engineering and Technology IRJET Vol 5 Issue 4 April 2018 Mechanical Properties of Concrete Containing Brick Chips 2018 IOP Conf. Series: Mater. Sci. Eng. 396 012003 Use of Clay Tile Chips as Coarse Aggregate in Concrete 2018 IOP Conf. Series: Mater. Sci. Eng. 396 012002 Strength of Cold Bonded Quarry Dust Aggregate Concrete Subjected to High Temperatures American Journal of Engineering Research AJER 2013 e ISSN: 23200847 p ISSN: 23200936 pp 1620 Mechanical

Properties of Concrete Containing Brick Chips 2nd Global Colloquium on Recent Advancements and Effectual Researches in Engineering Science Technology RAEREST 2018 during 20th and 21st April 2018 Use of Clay Tile Chips As Coarse Aggregate in Concrete 2nd Global Colloquium on Recent Advancements and Effectual Researches in Engineering Science Technology RAEREST 2018 during 20th and 21st April 2018 Thermal Buckling of Functionally Graded Cylindrical Vaults International Conference on Advances in Science, Engineering and Technology on 21st and 22nd May 2021 Organized by KSRM College of Engineering, Kadapa Nonlinear Buckling Analysis of Double Skin Composite Column With Different FRP Wrapping Scheme International Conference on Advances in Science, Engineering and Technology on 21st and 22nd May 2021 Organized by KSRM College of Engineering, Kadapa Strength of Cold Bonded Quarry Dust Aggregate Concrete Subjected to High Temperatures National Conference on Recent Advances in Structural Engineering RASE 2013 from 1315 Dec 2013 at CUSAT Strength of Cold Bonded Pelletized Quarry Dust Aggregate Concrete Subjected to Elevated Temperatures AICTE sponsored National Conference on Changing Climatic Scenario and Sustainable Resource Management CSSR 2014 Seminar Workshops DateSeminarWorkshop 1 3011201509012016 Two week ISTE STTP on Introduction to Structural Engineering conducted by IIT Kharagpur during 30th November 2015 to 9th January 2016 at SJ CET 2 2005201430052014 Two week ISTE Workshop on Fluid Mechanics conducted by IIT Kharagpur during 20th to 30th May 2014 at SJ CET MOOC courses Water Supply Engineering JanApr 2020 NPTEL SWAYAM Platform

Minu Cherian SJ CET Palai Minu Cherian Software Development Center 20230720T09:13:0600:00 Prof. Minu Cherian Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 9747882463 Email: minucheriansjcetpalai.ac.in Education Experience Publications FDPSTTPConferencesSeminars AwardsAchievements Education Sl. No.DegreeSpecializationInstitutionUniversityYear of Passing 1 B.Tech Information Technology Viswajyothi College of Engineering Technology, Vazhakulam Mahatma Gandhi University 2013 2 M.Tech Network Engineering Rajagiri School of Engineering and Technology, Kochi Mahatma

Gandhi University 2016 Experience Name of the college Industry Designation Date of Joining Date of Relieving St. Georges College Aruvithura Assistant Professor in BCA July 2019 May 2020 St. Georges College Aruvithura MES Golden Jubilee College Kottayam Assistant Professor in BCA July 2017 June 2019 MES Golden Jubilee College Kottayam Publications Paper Reducing end-to-end memory access latency in NoC based multi core, in ICACC IEEE Workshop 2015 held at Rajagiri School of Engineering and Technology, Kakkanad, Kochi FDP STTP Conferences Seminars FDP on Demystifying Machine Learning Algorithms, hosted by Muthoot Institute of Technology and Science, Varikoli, Puthencruz. FDP on Blockchain Its Applications, host by St. Josephs college of Engineering and Technology, Palai Webinar series on Data Science and Machine Learning in real world, hosted by IIIT Kottayam. Attend Third Fourth International Conference on Advances in Computing and Communications ACC IEEE Conference 2014 2013 held at Rajagiri School of Engineering and Technology Attend the workshop on Cloud Computing organised by IEEE held at Rajagiri College. International Workshop on BigData Analytics at Rajagiri School of Engineering and Technology. International Workshop on cloud computing by Microsoft IIHT at IIHT cloud campus, Cochin. Awards Achievements Got 9th rank in Mahatma Gandhi university, Kottayam for M.Tech Degree Examination.

MODEL ENGINEERING ENTRANCE EXAMINATION SJ CET Palai MODEL ENGINEERING ENTRANCE EXAMINATION Software Development Center 2021 06 21 T10:43:23 00:00 St. Joseph College of Engineering and Technology, Palai is organising Model Engineering Entrance Examination 2021 for Engineering Entrance aspirants on Saturday 10th July 2021. The first 25 students will be able to study at St. Josephs College of Engineering with a scholarship. For More Details Dr. Madhukumar S Vice Principal 8078 700 700 Scholarship Details ME3 Rank Fees to be Paid Scholarship Amount 05 Ranks Rs. 4100 Semester Rs. 33400 Semester 610 Ranks Rs. 17500 Semester Rs. 20000 Semester 1115 Ranks Rs. 27500 Semester Rs. 10000 Semester 1625 Ranks Rs. 32500 Semester Rs. 5000 Semester Scholarship will be provided to the students who secure following ranks in the Model Engineering Entrance Exam 2021 ME3.

newpage SJCET Palai Student Verification: 91 9495684408 | Admission Helplines : 91 8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library Home FacebookInstagramLinkedinYouTubeTwitter Homenewpage newpage Software Development Center 20181212T09:47:5300:00 newpage

Neethu Tom SJCET Palai Neethu Tom Software Development Center 20230814T03:42:5800:00
Prof. Neethu Tom Assistant Professor Artificial Intelligence Data Science Mobile Number: 91 9496804177 Email: neethu.tomsjcetpalai.ac.in Education Experience Memberships Publications
FDPSTTPConferencesSeminars Education DegreeSpecializationInstitutionYear of Passing B.Tech.
Computer Science and Engineering St.Josephs College of Engineering and Technology, Palai 2009
M.E Computer Science and Engineering Karunya University 2011 Experience Name of the
CollegeIndustryDesignationDate of JoiningDate of Relieving Mangalam College of Engineering
Assistant Professor June 1, 2011 December 15, 2017 St.Josephs college of Engineering and
Technology, Palai Assistant Professor January 29, 2019 30112019 Memberships Name of the
Institution Indian Society for Technical EducationLife Member Publications Pinky M S, Neethu Tom
quot,Automatic Phishing Detection System,quot: 2015 International Journal of Innovative Research
in Computer and Communication EngineeringIJIRCCE 2015,pp 74017405 Anitha J,Ann Mary
Mathew,Neethu Tom quot,Objects Tracking in Videos Reconstructed from Multiple Compressed
Copies,quot:2011 International Conference On Recent Innovations In Technology ICRIT 2011
Neethu Tom,Anitha J quot,Multiple Object Detection and Tracking with Scene Context quot:
Coimbatore Institute of Information Technology journal ,pp259262 Neethu Tom, Anitha J
quot,Multiple Object Tracking:A Survey,quot:2011 International Conference on Language
Development Computing Methods in Karunya University FDPSTTPConferencesSeminars Workshop
on MatLab Programming and Image processing conducted by the Department of Information
Technology, Karunya University National Seminar on Mobile Computing organized by Computer
Science Engineering Department of St. Josephs College of Engineering Technology, Palai INPLANT

Training Program conducted by CCS TECHNOLOGIES, Kottayam National Seminar on Ethical Hacking organized by Computer Science Engineering Department of St.Josephs College of Engineering Technology,Palai

Mr. AlSaheer S. S. SJ CET Palai Mr. AlSaheer S. S. Software Development Center
20240622T04:21:3800:00 Mr. AlSaheer S. S. Assistant Professor Department of Electronics and
Computer Engineering Mobile Number:9847300969 Email:alsaheerssgmail.com Education
Memberships FDPSTTP conducted Invited Lectures Delivered Publications. Education
Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G. University
Kottayam Mount Zion College of engineering Kadammanitta 2005 Applied Electronics and
Instrumentation 2 M.Tech Panjab University NITTTR Chardigarh 2014 Instrumentation and Control
Memberships Sl. NoName of InstitutionType of Membership 1 ISTE Life Member 2 International
Association of Computer Science and Information Technology Life Member 3 International
Association of EngineersIAENG Life Member FDPSTTP conducted Sl. NoName of
TrainingWorkshopYear Date DurationOrganizer 1 Solid State Control on Electric Drives 21st to 25th
July 2014 NITTTR Chandigarh Invited Lectures Delivered Sl. NoTitle TopicYear DurationOrganizer 1
Spectrometers in Industry 2017, 1 Day January 5, 1900 2 Energy Management 2016, 1Day College
of Engineering, Kidangoor 3 Energy Management 2016, 1Day Government Poly technic College,
Muttom Publications. Sl. No. Title of the PaperName of the ConferenceVenue Date A simple and
Robust Strategy for background removing from brain MR Images RAREST SJ CET, 2018

Nidhish Mathew Nidhiry SJ CET Palai Nidhish Mathew Nidhiry Software Development Center
20230727T10:17:1200:00 Dr. Nidhish Mathew Nidhiry Professor Department of Mechanical
Engineering Mobile Number: 9447227844 Email:nidhish.nidhirysjcetpalai.ac.in Date of joining:
06082020 Education Experience Memberships FDP Publications Education
DegreeSpecializationInstitutionUniversityYear of Passing B.Tech Mechanical Engineering TKM
college of Engineering, Kollam Kerala University 1999 M.Tech Production Industrial Engineering

Mar Athanasius College of Engineering Kothamangalam Mahatma Gandhi University 2007 Ph.D
 Mechanical Engineering Karpagam University, Coimbatore Karpagam University, Coimbatore
 Experience Name of the College/Industry Designation January 9, 1900 January 10, 1900 Mangalam
 college of Engineering Lecture September 16, 2002 May 31, 2007 Mangalam college of Engineering
 Assistant Professor HOD in charge June 1, 2007 May 31, 2009 Mangalam college of Engineering
 HoD June 1, 2009 August 18, 2011 Vijnan Institute of science and technology Associate Professor
 HOD August 19, 2011 August 31, 2015 Vijnan Institute of science and technology Vice Principal
 September 1, 2015 May 31, 2016 Mangalam college of Engineering Dean and HOD June 1, 2016
 August 5, 2020 St. Josephs college of engineering technology, pala Professor August 6, 2020
 Memberships S.NO. NAME OF THE INSTITUTION SOCIETY January 1, 1900 January 1, 1970 1
 Indian society for Technical Education ISTE January 3, 1900 January 1, 1970 2 Fellow in Indian
 Institution of Production Engineers FIPE January 5, 1900 January 1, 1970 3 Member in Institution
 of Engineers MIE January 7, 1900 January 1, 1970 FDP Sl.No. Name of FDP Date Organiser 1 ATAL
 FDP: 3D Printing and Design 2020, 5 days AICTE Bharati Vidyapeeth College of Engineering 2
 AICTE ISTE approved Orientation Refresher Programme: Outcome Based Education in Professional
 Institutions 2022, 6 days AICTE ISTE, SJCT Palai 3 DATA VISUALIZATION AND STANDARDIZED
 PROGRAMMING LANGUAGE FOR MECHANICAL ENGINEERS 2022, 5 Days NMIT Bangalore 4
 Emerging Trends and Technical Developments in Automated Machines 2022, 5 Days NIT warangal
 Publications SL NO TITLE OF THE PAPER NAME OF JOURNAL PUBLISHER YEAR, VOLUME, ISSN
 ISBN NO. 1 Combined Objective Optimization for Vehicle Routing Using Genetic Algorithm
 International Multi Conference on Computing, Communication, Electrical Nanotechnology: Materials
 Science. ELSEVIER Materials Today: Proceedings 11 2019 891902 2 Comparison of mechanical
 and wearing properties between LM6, LM6B4C and LM6B4CGr aluminium metal matrix composites
 International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience
 Nanotechnology. ELSEVIER Materials Today: Proceedings 43 2021 39163921 3 Development of
 standing aid for physically disabled people including Cerebral palsy International Conference on
 Artificial Intelligence Energy Systems. ELSEVIER Materials Today: Proceedings 58 2022 577579

Ms. Deepa V SJ CET Palai Ms. Deepa V Software Development Center 20240103T06:53:5300:00

Dr. Deepa V Associate Professor Department of Artificial Intelligence Data Science Mobile Number: 9061718885 Email: deepasjcetpalai.ac.in Education Experience Memberships Conferences Seminarworkshops Publications Online Certifications Education

Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Periyar Sapthagiri College of Engineering 2004 Electronics and Instrumentation 2 M.Tech NIT NIT, Calicut 2009 Instrumentation and Control Systems 3 Ph.D KTU Rajiv Gandhi Institute of Technology, Kottayam 2022 BioMedical Image Processing using Machine Learning and Deep Learning Techniques.

Experience Industrial Experience: 2.5 years Teaching Experience: 18 years Memberships Sl. NoName of InstitutionType of Membership 1 ISTE Life member Conferences Seminarworkshops One week FDP and Workshop on Nextgen Computing Paradigms for Big Data Applications organized by Indian Institute of Information Technology IIIT Kottayam. One week, 562023 to 962023 One week FDP on Statistical and Machine Learning Techniques with Applications organized by Indian Institute of Information Technology IIIT Kalyani. One week, 2123 to 6123. Five day Workshop on Demystifying Machine Learning Algorithms organized by of AI and DS, Muthoot Institute of Technology and Science, Ernakulam. 101022 to 141023. Five day Workshop Sponsored by KTU on Practical Data Science, Dept. of Computer Science Engineering, SJ CET, Kottayam. 19723 to 23723. One Week STTP on Advanced Techniques of Material Characterization for Research, Centre for Continuing Education,NIT, Jalandhar. 251021 to 291023. Five day Workshop on Python for Artificial Intelligence and Machine Learning, Dept. of Computer Applications, TKM College of Engineering Kollam. 562020 to 962020. Publications Deepa, C. S. Kumar, T. Cheriyan, Ensemble of multistage deep convolutional neural networks for automated grading of diabetic retinopathy using image patches, J. King Saud Univ., Comp. Info. Sci., May 2021. doi.org10.1016 j. jksuci.2021.05.009. Elsevier publications SCIE, IF: 13.473 Deepa, C. S. Kumar, S. Susan Andrews, Fusing dualtree quaternion wavelet transform and local meshbased features for grading of diabetic retinopathy using extreme learning machine classifier, Int. J. Imaging Syst. Technol., April. 2021.

doi: DOI:10.1002/ima.22573. Wiley Online Library SCIE, IF:2.0 Deepa V, Sathish Kumar C, Cherian T. Automated grading of diabetic retinopathy using CNN with hierarchical clustering of image patches by siamese network. Phys Eng Sci Med. 2022 Jun;45(2):623-635. doi: 10.1007/s13246-022-01129-z. Epub 2022 May 19. PMID: 35587313. Deepa, C. S. Kumar and T. Cherian, PreTrained Convolutional Neural Network for Automated Grading of Diabetic Retinopathy, 2022 First International Conference on Electrical, Electronics, Information and Communication Technologies ICEEICT, Trichy, India, 2022, pp. 15, doi: 10.1109/ICEEICT53079.2022.9768480. Deepa, C. S. Kumar, S. Susan Andrews, Automated detection of microaneurysms using Stockwell transform and statistical features, IET Image Process, vol. 138, pp. 1341-1348, Apr. 2019. doi: 10.1049/ietipr.2018.5672. IET Digital Library SCI, IF: 1.9 Deepa, C. S. Kumar, S. Susan Andrews, Automated grading of diabetic retinopathy using local spatial descriptors, in Proc. IEEE Int. Conf. on Computing, Power and Communication Technologies GUCON, 2020, New Delhi, Oct. 2020, pp. 660-664. Deepa, C. S. Kumar, T. Cherian, Automated detection of diabetic retinopathy images using pretrained convolutional neural network, in Proc. Int. Conf. on Communication, Control and Information Sciences ICCISc, 2021, IEEE, Idukki, Jun. 2021, vol. 1, pp. 550-555. Online Certifications Deepa V successfully completed NPTEL online certification on Introduction to Machine Learning. Deepa V successfully completed NPTEL online certification on Deep Learning.

Neena Joseph SJCET Palai Neena Joseph Software Development Center
 20250114T06:31:5500:00 Prof. Sreereshmi T S Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 9495159545 Email: sreereshmisjcetpalai.ac.in
 Date of joining at SJCET : 01/01/2025 Education Experience Papers Published FDPs Attended
 Education Sl.No Qualification Institution Specialization 1 M.E Anna University, Coimbatore Computer Science and Engineering 2 B. Tech University College of Engineering, Thodupuzha. Computer Science and Engineering 3 Diploma Govt. Polytechnic College, Kalamassery, Kerala Computer Engineering Experience Sl.No Institution Position held Period 1 Adi Shankara Institute Of Engineering Technology, Kalady Lecturer 17/01/2008 to 14/09/2009 2 Adi Shankara Institute Of Engineering

Technology, Kalady Assistant Professor 10012011 to 31082022 3 Amrita Vishwa Vidyapeetham, Amrita Puri Campus, Kollam Faculty Associate 01092022 to 30042023 4 Saintgits College of Engineering Autonomous, Kottayam Assistant Professor Sr. 01052023 to 31122024 5 St. Josephs College of Engineering and Technology, Palai, Assistant Professor 01012025 to till date Papers Published International Salvator: An Automatic Accident Detection and Rescue System, International Journal of Innovative Science and Research Technology IJSRT, vol. 5, no. 6, June 2020, ISSN: 24562165. Automatic Text Summarization of News Articles, International Research Journal of Engineering and Technology IRJET, vol. 7, no. 3, Mar. 2020, eISSN: 23950056, pISSN: 23950072. A Three Tier Secure System for Online Voting, International Research Journal of Engineering and Technology IRJET, vol. 7, no. 5, May 2020, eISSN: 23950056, pISSN: 23950072. A Copyright Information Embedding System, International Journal for Innovative Research in Science Technology IJIRST, vol. 1, no. 11, Apr. 2015, ISSN online: 23496010. FDPs Attended One week FDP on Navigating AI Landscape by Saintgits College of Engineering Autonomous in October 2024 One week FDP on Deep Learning Engineering Applications by NITTR Chandigarh in September 2024 ATAL FDP on Inculcating Universal Human Values in Technical Education sponsored by AICTE in May 2023 FDP on Digital Image processing and its Techniques by B.S. Abdul Rahman Crescent Institute of Science Technology in August 2022 FDP on Big Data Analytics by NITTR Chandigarh in May 2022 Faculty Development Programme in Network Security and introduction to Machine Learning by SCMS College of Engineering, Karukutty in 2018 Faculty Development Programme in Data Analytics using Python by Kingdom of Saudi Arabia in 2017 Faculty Development Programme on Python by Infosys in 2016 One week Workshop on SQL by ICT academy in 2015 Work shop on Fundamentals of Computer Programming by IIT Bombay in 2014

Nimmy Joshy SJ CET Palai Nimmy Joshy Software Development Center 20210309T09:45:4400:00
Prof. Nimmy Joshy Assistant Professor Department of Computer Science Engineering Email:
nimmy.joshysjcetpalai.ac.in Mobile: 91 9747656469 Date of Joining:18.08.2020 Education

Experience Memberships Publications FDP STTPWORKSHOPS CONFERENCES Education Degree Specialization Institution University Year of Passing B. Tech. Computer Science and Engineering Viswajyothi college of Engineering and Technology Mahatma Gandhi University, Kottayam 2012 M. Tech. Computer Science and Engineering Viswajyothi college of Engineering and Technology Mahatma Gandhi University, Kottayam 2014 Experience August 2017 September 2018 Government engineering college Idukki Designation: Assistant professor Memberships Name of Organization Membership ID ISTE LM 131811 Publications Survey on Lane Marking Techniques In Volume 2 issue vi, No. 5, June 2014, International Journal For Research In Applied Science And Engineering Technology IJRASET Improved Detection and Tracking of Lane Marking Using Hough Transform In Vol.3 Issue.8, August 2014, International Journal of Computer Science and Mobile Computing FDP Attended 1 week program on Information Security : Issues and Challenges ISIC 2020 sponsored by ISEA II AICTE and organized by department of Computer Science Engineering, Motilal Nehru National Institute of Technology Allahabad Prayagraj. Uttar Pradesh during November 17th-21st 2020. Attended 5 day online Faculty Development Program on Data Analysis from 15th-19th February, Organized by department of Computer Science Technology, College of Engineering Kidangoor. STTPWORKSHOPS CONFERENCES Short Term Training Program on Network Security was held on May 16, 17, 19, 20. This program gave an overview of networking area and practical session was also held.

Mr. Binumon P SJ CET Palai Mr. Binumon P Software Development Center 20230714T05:38:3800:00 Mr. Binumon P Assistant Professor Department of Science and Humanities Mobile Number: 94461904451 Email: binumonsjcetpalai.ac.in Date of Joining: 01072008 Nature of association: Regular Education Experience Membership Education Sl.No Qualification University Institution 1 B.Sc MG ST. THOMAS COLLEGE, PALAI 2 M.Sc MG ST. THOMAS COLLEGE, PALAI 3 M Phil MADRAS LOYOLA, CHENNAI Experience Teaching Experience : 6 Years Sl. No Name of the college Industry Designation Experience Years Months 1 University college of Engineering, Thodupuzha Lecturer 2 years 2 Saintgits college of

Engineering,Kottayam Senior Lecturer 4 years Membership Show entries Search: Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE LIFE Showing 1 to 1 of 1 entries

Ms. Mable Alex SJ CET Palai Ms. Mable Alex Software Development Center 20190110T08:27:2200:00 Ms. Mable Alex Assistant Professor Department of Electronics and Instrumentation Engineering Mobile Number: 9747860454 Email: mablealexander@gmail.com Education Experience Memberships FDPSTTP conducted International Conferences Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech MG University RIT Kottayam 2008 Electronics and communication 2 M.Tech Anna University Thiagarajar college of engineering Madurai 2011 Control and instrumentation Experience Name of the collegeIndustryDesignationExperience Years Months Jyothi engineering College,Trissur Assistant Professor 8 months MBITS Kothamangalam Assistant Professor 6 months Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 Indian Society of Technical Education Life Member FDPSTTP conducted Sl.NoName of TrainingWorkshopYear Date DurationOrganizer 1 Mixed signal and radio frequency VLSI design 3012017 to1022018 SJ CET 2 Speech Processing 14122015 to18122015 Viswajyothi College of Engineering and Technology,Vazhakulam,Muvattupuzha. 3 Networks and Systems July to November 2015 NPTEL online certification 4 Electronics in Medical Diagonosis 652013 to 1752013 Albertian Institute of Science and Technology Kalamassery,Ernakulam 5 VLSI 15122011 to 17122011 Jyothi engineering college ,Cheruthuruthy 6 LabVIEW 10112010 to 13112010 TCE Madurai International Conferences Sl. No.Title of the PaperName of the ConferenceVenue Date 1 A Simple and Robust Strategy for Background Removal from Brain MR Images RAREST18 SJ CET

Peter Jose SJ CET Palai Peter Jose Software Development Center 20190112T07:03:2200:00 Prof.Peter Jose Assistant Professor Department of Mechanical Engineering Mobile Number: 9961953203 Email:peterjose26@gmail.com Date of joining SJ CET : 1062012 Association with the institution: Regular Education Experience FDPSTTP Attended Publications Conferences Seminar

Education Sl.No Qualification University Institution Year of passing Specialization 1 B.Tech ANNA UNIVERSITY RVS COLLEGE OF ENGG,DINDIGUL 2009 Mechanical 2 M.Tech MG UNIVERSITY M A COLLEGE OF ENGG, KOTHAMANGALAM 2011 PRODUCTION AND INDUSTRIAL ENGG

Experience Sl. No Name of the college Industry Designation Experience Years Months 1 MBITS KOTHAMANGALAM AP 1 YEAR FDPSTTP Attended Sl. No Name of Training Workshop Year Date Duration Organizer 1 Teaching Excellence and Methodologies 2nd to 7th July 2012 ISTE Kerala section 2 Engineering Thermodynamics 11th to 22nd December,2012 IIT BOMBAY 3 Advanced Automobile Engineering 17th18th of May, 2013 SJCET PALA 4 Green Building Awareness 24th August,2013 IIT BOMBAY 5 Engineering Mechanics 26th Nov to 06th December,2013 IIT BOMBAY 6 Fluid Mechanics 20th to 30th May,2014 IIT KHARAGPUR 7 Enviromental Studies 2nd to 12th june,2015 IIT BOMBAY 8 NBA Accreditation 18th 19th June 2018 SJCET, Palai. 9 ISO 9001:2015 Awareness 28th June 2018 SJCET ,Palai 10 Work shop on Safety 29th June SJCET, Palai 11 Renewable Energy Opportunities and Challenges 9th November 2018 SJCET ,Palai Publications International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No. 1 Property analysis of PVD deposited DLC ,TiAN, CoAIN, Tin coating on gray cast IJRAET IJRAET ISSNonline 23472812, volume 3 issue3 2014 2 Optmimization of cycle time in an assembly line balancing problem Procedia technology 252016 Science direct 11461153. National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Development of criticality based maintenance strategy for paper manufacturing industry National conference on recent trend in Mechanical engineering Mountzion College Puthukottai TamilNadu, March 2011 2 Impact of product standardization on inventory and supply chain management National conference on recent trend in Mechanical engineering and Management science Toch institute of science and technology October 2013 3 Develop and Implementation of material requirement planning software at Rubco RC unit National conference on advances in manufacturing NAIMSAP Government engineering college Thrissur, October 2013 Conferences Seminar Sl. No Title Topic Year Duration Sponsors 1 ISTE sponsored five day STTP on Guidance and Counselling 4th to 8th December 2017 ISTE Kerala Section 2 One day workshop on Fontiers in Internal Combustion Engine research June 2016 SJCET

3 Workshop on PURSUE, PUBLISH and PROSPER March 2016 SJCET 4 Seminar on Space and Space related activities 9th October 2015 SJCET 5 One day seminar on Teaching, Research and Information Technology 25th March 2015 SJCET 6 Organising Secretary of the 7th Annual Student Convention of ISTE Kerala Section September 2008 ISTE Kerala Section and SJCET 7 One day workshop on Finite Element Methods 14th June 2007 SJCET

Nitha M Biju SJCET Palai Nitha M Biju Software Development Center 20230803T05:45:3600:00
 Prof. Nitha M Biju Assistant Professor Department of Electronics and Communication Engineering
 Mobile Number: 91 7736216350 Email: nithasjcetpalai.ac.in Date of joining SJCET: 01062012
 Association with the institution: Regular Education Experience Memberships FDP Publications
 MOOC Courses STTPFDP Conference SeminarsWorkshops attended Education
 DegreeSpecializationInstitutionUniversityYear of Passing B.TECH ECE College of Engineering ,
 Kalllooppara CUSAT 2009 M.TECH Microelectronics VLSI NIT,Calicut Deemed 2012 Ph.D. Wireless
 Communication RIT,pampady APJ Abdul Kalam Technological University ongoing Experience Date
 of joining SJCET : 01062012 Status as on date of joining : Assistant Professor Present status :
 Assistant Professor Memberships Name of the InstitutionMembership IDNo ISTE LM 90182 IEEE
 92761772 FDP Sl. No Name of TrainingWorkshop Year Date Duration Organizer 1. Induction
 Training Programme on Teaching Excellence and Methodologies held at GEC,Thrissur 2 7 July
 2012 ISTE Kerala Section GEC,Thrissur 2, 3 days workshop on FPGA VHDL conducted by Dept of
 ECE,CE,Kidangoor 46 March, 2013 ISTE CE,Kidangoor 3. Two week online workshop on Analog
 Electronics by IIT, Kharagpur at SJCET, Palai 414 June 2013 ISTE IIT KHARAGPUR 4 5 days
 workshop on CMOS VLSI Design at NIT, Calicut. 2329 June 2013 NIT,CALICUT 5 5 days workshop
 on Digital Signal Processing at TKM, Kollam 48 November 2013 TKM. Kollam 6 5 days workshop on
 Embedded System at CE,Kidangoor 48 January 2015 CE,Kidangoor 7. Training programme on
 Guidance Counselling 48 December 2017 ISTE SJCET,Palai Publications Sl. No Type of publication
 No. of publications 1 International Journals Nil 2 National Journals Nil 3 International conference 4 4
 National Conference 1 4 BooksBook chaptersMonograph Nil International Conferences Sl. No. Title

of the Paper Name of the Conference Venue Date 1. , Dual Gate enhancementmode JFET DGJFET for ultralow power applications 2012 IEEE Students Conference on Electrical, Electronics and Computer Science SCEECs 2012, , NIT BHOPAL MARCH 12, 2012 2 DGJFET for Low Power Applications and Behaviour of it as a MOS Capacitor 2012 IEEE International conference on Automation, Control Computing ICACC 2012, Rajagiri School of Engineering Technology, Ernakulam, AUGUST 9-11, 2012 3, Mixed mode Circuit Simulation of a Junction less Transistor and a Comparative Study with CMOS Inverter, 2013 IEEE International conference on Automation, Control Computing ICACC 2013 Rajagiri School of Engineering Technology, Ernakulam, July 29-30 ,2013 4. Aswathy M, Nitha M Biju, Rama Komaragiri, Comparison of a 30nm Tunnel Field Effect Transistor and CMOS Inverter Characteristics, 2013 IEEE International conference on Automation, Control Computing ICACC 2013 Rajagiri School of Engineering Technology, Ernakulam, July 29-30 ,2013.

National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1. Simulation Study Of DGJFET For Low Power Applications And Behaviour Of Its Parasitic Components . 2012 National Conference on VLSI Embedded System VLES 2012 ViswaJyothi College of Engineering Technology, Vazhakulam MARCH 16-17, 2012 MOOC Courses NPTEL MOOC Python for Data Science January March 2023, 8 weeks Introduction to Machine Learning January April 2023, 12 weeks Principles of Modern CDMAMIMO OFDM Wireless Communication June-August 2019, 12 weeks STTP FDP Conference Seminars Workshops attended Competed a 4 week NPTEL course on Python for Data Science conducted by IIT Madras from 23rd January to 17th February 2023. Attended a virtual workshop on 6G wireless communication in Theory Practice joined organized by IEEE COM Society and Department of ECE, Thyagaraja College of Engineering on 29th -31st October 2021 Attended AICTE sponsored 6 day STTP on IOT and Data Science conducted by Department of ECE , SJ CET Palai from 28-12-2020 to 21-12-2021. Attended STTP on Scientific Computing with Python sponsored by TEQIP II and organized by Department of Electronics and Communication Engineering, RIT Pampady from 9th to 20th November 2020. Attended a five day FDP on Recent Advances on Communication and Networking sponsored by TEQIP II and organized by Department of ECE , Government College of Engineering , Idukki from 28th September to 3rd

October 2020 Attended FDP on Machine Learning for Engineers sponsored by TEQIP II and organized by Department of Electronics and Communication Engineering, RIT Pampady from 3rd to 5th December 2019 Attended FDP on Advances in Wireless Communication sponsored by KTU and organized by Department of Electronics and Communication Engineering, Mar Baselios College of Engineering and Technology, Nalanchira from 8th to 12th July 2019. Attended a 12 week NPTEL online class on Principles of Modern CDMA/MIMO/OFDM Wireless Communication from August 2019 . Attended a two week ISTE workshop on Signals Systems organized by IIT, Kharagpur. On 2014, 2nd to 12th January. Attended FDP on Advanced digital signal Processing organized by Department of ECE, TKMCE on 2013, 18th to 22th November. Attended MHRD Sponsored FDP on CMOS Design organized by Department of ECE, NIT, CALICUT on 2013, 23rd to 29th June. Attended a two week ISTE workshop on Analog Electronics organized by IIT, Kharagpur on 2014, 4th to 14th June. Attended three day workshop on FPGA VHDL organized by Department of ECE, College of Engineering, Kidangoor on 2013, 4th to 6th March. Attended an Induction training programme on AKASH for education Teaching excellence and Methodologies for teachers of Engineering Colleges organised by ISTE Kerala Section GEC, Thrissur on 2nd to 7th July 2012

NITHIN S S SJCET Palai Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN ISBN No.

- 1 Wavelet based Video Compression Using Various Encoding Techniques: A Relative Study IJET scopus Science Publishing Corporation Vol 7, No 3.24 2018 Special Issue 24
- 2 Video Coding Using Different Wavelets and Modified SPIHT: a Relative Approach IJET scopus Science Publishing Corporation Vol 7, No 2.33 2018 Special Issue 33
- 3 Computer Aided Detection Scheme To Improve The Prognosis Assessment Of Early Stage Lung Cancer Patients International Research Journal of Engineering and Technology IRJET Volume: 05 Issue: 04 | Apr 2018
- 4 Design of a self adaptive on chip permutation network for multiprocessor system on chip Unique Journal of Engineering and Advanced Sciences UJEAS 2014, 02 02: Page 112118
- 5 Low Complexity Multiple Active Transmit Antenna For High Transmit Rate International Journal of Computer Science and Mobile Computing IJCSMC, Vol. 2, Issue. 8, August 2013, pg.33 46
- 6 Proficient Detection and Communications in

Varied Facility Oriented Structures International Journal of Engineering Research and Development
 Volume 8, Issue 6 September 2013 7 Multiple Active Spatial Modulation in MIMO Systems
 International Journal of Engineering Trends and Technology IJETT 2014 8 Adaptive Encoding
 Decoding of Compressed Video Using SPIHT Algorithm International Journal of Advanced Research
 in Computer Engineering Technology IJAR CET Volume 4 Issue 5, May 2015 9 Omni Functional
 Rover for Multi Environments IJSRD International Journal for Scientific Research Development Vol.
 3, Issue 12, 2016 | ISSN online: 23210613 10 Bit error rate reduction using slm in reception of rfid in
 ofdm systems International journal of engineering research and development Volume 8, Issue 6

Nisha J S SJCET Palai Nisha J S Software Development Center 20190112T02:28:4000:00 Prof.
 Nisha J S Assistant Professor Department of Electronics and Communication Engineering Mobile
 Number: 91 9496468880 Email: nisha.jssjcetpalai.ac.in Date of joining SJCET: 03122008
 Association with the institution: Regular Education Experience Memberships FDP Workshop
 organized Publications Education Sl. No Qualification University Year Of Passing Specialization 1
 B.Tech Kerala 2006 ECE 2 M.Tech Kerala 2008 Signal Processing Experience Teaching
 Experience : 10 years Memberships Sl. No Name of Institution Type of Membership Membership ID
 1 ISTE LIFE TIME FDP Sl. No Name of Training Workshop Year Date Duration Organizer 1
 Research Document Preparation Using LaTeX 304 DEC 2015 College of Engineering Trivandrum. 2
 Advanced Digital Signal Processing 1822 NOV. 2013 TKM, College of Engineering, Kollam. 3
 Recent trends in microwave engineering 812 DEC 2014 Barton hill Engineering college Trivandrum.
 4 Signals and Systems Department of ECE, SJCET. 5 Analog Circuits 414 June Department of
 ECE, SJCET. 6 Recent advances in photonics technology 26 Nov 1 Dec. Barton hill Engineering
 college Trivandrum. 7 Teaching excellence and Methodologies 2530 may 2009 GEC Thrissur 8
 Electronics education a system approach 26 May 2011 SJCET Palai 9 Linux networking and
 administration 912 Dec. 2008 SJCET Palai 10 IOT 1317 JUNE 2018 Aester India Pvt Ltd, Cochin
 Workshop organized Sl. No Title Topic Date Duration Sponsors 1 SIGNALS AND SYSTEMS 212
 JAN 2014 MHRD Publications Sl. No Type of publication No. of publications 1 International Journals

3 2 National Conference 1 International Journals Sl.No Title of Paper Name of journal Year, Volume
 ISSN/ISBN No. 1 Wavelet Based Design and Simulation of Brightness, Contrast and Resolution
 Enhancement of Satellite Images International Journal of Engineering Research Technology IJERT
 ISSN: 22780181. Vol. 2, Issue 11, November 2013. 2 Design Validation of SHA 224 IP core IJCST
 Vol. 5, Issue 3, July Sept 2014. 3 A novel approach for image enhancement preserving brightness
 level using adaptive gamma correction International Journal of Engineering Research Technology
 IJERT Vol. 4, ISSN: 22780181. Issue 07, July 2015. National Conference Sl. No. Title of the Paper
 Name of the Conference Venue Date 1 Human Motion Tracking Using SIR Particle filter NCTTE
 CET, TRIVANDRUM Nov. 2008.

P. V. Varkey SJCET Palai P. V. Varkey Software Development Center 20230822T10:12:2500:00
 Prof. P. V. Varkey Professor Emeritus Department of Electrical Electronics Engineering Mobile
 Number: 91 9447867874 Email: profpvvgmail.com Date of Joining: 16052005 Education Experience
 Memberships FDPSTTP conducted Lectures Delivered Education Sl.No Qualification University
 Institution Year of passing Specialization 1 B. Sc Engg. Kerala University, Kerala T.K.M College of
 Engineering, Kollam 1966 Electrical Engineering 2 M. Sc Engg. Kerala University, Kerala College of
 Engineering, Thiruvananthapuram 1977 Electrical Control Systems Experience Sl. No Name of the
 college/Industry Designation Experience Years/Months 1 KSEB Junior Engineer 1 Year 2 Dept. of
 Electrical Inspectorate, Kerala Various capacities from Deputy Electrical Inspector to Chief Electrical
 Inspector Advisor to the Govt. of Kerala. 23 Years 3 Govt. Engineering Colleges, Thrissur and
 College of Engineering, Thiruvananthapuram Lecturer Asst. Professor 9 Years 4 St. Josephs
 College of Engineering and Technology, Palai HoD Professor 15 Years 4 St. Josephs College of
 Engineering and Technology, Palai Professor Emeritus UG Dean 1st July 2020 onwards
 Memberships Sl. No Name of Institution Type of Membership Membership ID 1 Fellow of Institution
 of Engineers India Lifetime F1024406 2 Chartered Engineer India Lifetime F1024406 3 Member
 Faculty ISTE Lifetime LM45686 FDPSTTP conducted Sl. No Name of Training/Workshop Year Date
 Duration Organizer 1 ISTE Workshop on Control Systems 2nd to 12th December, 2014 2 weeks

Indian Institute of Technology, Kharagpur 2 Two week ISTE STTP on Electric Power System 10th 15th July, 2017 2 weeks IIT Kharagpur under National Mission on Education through ICT MHRD, Govt. of India Lectures Delivered Sl. No Title Topic Year Duration Organizer 1 Electrical System Design March 2011, 1 Day Amal Jyothi College of Engineering, Kanjirappally 2 Present day UPS Systems December 2011, 1 Day College of engineering, Munnar 3 Electrical System Design March 2012, 1 Day Amal Jyothi College of Engineering, Kanjirappally 4 Electrical System Design March 2013, 1 Day Govt. RIT Kottayam 5 Electrical System Design January 2016, 1 Day College of engineering, Perumon 6 Electrical System Design June 2017, 1 Day GEC Kannur 7 Electrical System Design November 2018, 1 Day College of engineering, Kalloopara

Pious Thomas SJCET Palai Pious Thomas Software Development Center 20240418T11:11:2300:00
 Dr. Pious Thomas Professor Head MBA Mobile Number: 91 9980795902
 Email:hodmbasjcetpalai.ac.in Date of joining:03012024 Association with the Institution: Regular
 Education Experience Research Activities Achievements Education S.NoDegreeDiscipline
 StreamUniversity InstitutionYear 1 BA Arts Economics M. G. University 1988 2 MA Arts Economics
 Pt. Revisankar Sukla University,Mysore 1995 3 MBA PGDM Human Resource Management KSOU,
 MYSORE 2002 4 Ph.D. Teaching Methodologies and Learning Outcome ICFAI University, Ranchi,
 Jharkhanth 2023 Experience S.NoTitleName of OrganizationInstitutionFrom DateTo
 DateDesignation 1 Head of the Department, MBA T John College, Bangalore 20220601 20231215
 Head of the Department 2 Head of School, Economics IBS University 20200217 20210227 Head of
 the Department 3 Coordinator, MBA and MPA Divine Word University 20140401 20161230
 Coordinator 4 Director, MBA Kristu Jayanti College, Bangalore 20070816 20120630 Director, MBA 5
 Director, MBA and VicePrincipal Garden City College 19970715 20070630 VicePrincipal and
 Director MBA 6 Lecturer, T. John College T John College, Bangalore 19950605 19970731 Lecturer
 7 Deputy Director,Academic IBS University 20120702 20140103 Deputy Director,Academic 8
 Professor, Economics Christ University 20170605 20180728 Professor 9 Associate Professor, T.
 John College T John College, Bangalore 20180806 20200111 Associate Professor Research

Activities Completed Ph. D Research on Influence of Teaching Methodologies on Learning Outcomes Achievements Completed Ph. D Research on Influence of Teaching Methodologies on Learning Outcomes

Pradeep P V SJCET Palai Sl.No Name of Training/Workshop Year Date Duration Organizer 1 Guidance and Counselling December 4 to 8 2017 SJCET Palai 2 NBA Accreditation June 18 to 19 2018 SJCET Palai 3 ISO 9001:2015 Awareness June 28 2018 ZANDIG TQM SOLUTIONS PVT LTD BANGALORE 4 Renewable Energy Opportunities and Challenges November 9 2018 SJCET Palai 5 Interactive session with expert on Renewable energy and Fuel cells April 21 2018 SJCET Palai 6 Workshop on Safety June 29 2018 SJCET Palai 7 Opportunities and Challenges in Change Management November 27 to December 1 2017 GEC Thrissur 8 Technical Communication October 8 to December 5 2015 IIT Bombay SJCET Palai 9 Pursue, Publish Prosper March 30 2016 SJCET Palai 9 Digital Manufacturing October 29 to November 3 2012 GEC Thrissur 10 Advanced Automobile Engineering May 17 to May 18 2013 SJCET Palai 11 Instructional Design and Delivery System June 24 to 28 2013 SJCET Palai 12 Engineering Thermodynamics December 11 to 21 2012 IIT Bombay SJCET Palai 13 Fluid Mechanics May 20 to 30 2014 IIT Kharagpur SJCET Palai 14 Engineering Mechanics November 26 to December 6 2013 IIT Bombay SJCET Palai 15 Innovation and Patenting September 27 to 28 2013 Amal Jyothi College of Engineering Kanjirappally 16 Recent advances in Manufacturing Engineering 2019,5 days APJAKTU SJCET Pala 17 Recent Advances in Fuel Cells 2019,5 Days APJAKTU SJCET Pala 18 3 D Printing and Design 2020,5 days ATAL FDP, KSR Institute for Engineering and Technology 19 ATAL FDP: Manufacturing: Hindsight to Foresight 2021,5 days ATAL FDP, BITS Pilani 20 Trends in Mechatronics and manufacturing 14112022 18112022 NITTR CHENNAI 21 Computer Integrated Manufacturing 09012023 13012023 NITTR CHENNAI 22 Trends in 3D Printing Manufacturing Techniques 3001202303022023 NITTR CHENNAI International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSN/ISBN No. 1 Electromagnetic Shielding Effectiveness and Mechanical Characteristics of Polypropylene Based CFRP International Journal on Theoretical and Applied

Research in Mechanical Engineering IJTARME ISSN Print: 23193182, Volume 3, Issue3, 2014 2

Experimental investigation of wear characteristics on AISICGR composite material International Journal on Theoretical and Applied Research in Mechanical Engineering IJTARME ISSN Print: 23193182, Volume 3, Issue3, 2014 3 FEM of ECDM Process on Semi Conducting Materials Applied Mechanics and Materials Trans Tech Publications, Switzerland ISSN: 16627482, Vol. 877, pp 8791

4 Experiment on pollution control in mabrasive jet machining using liquid Films International conference on Materials and Manufacturing Methods. ELSEVIER Materials Today: Proceedings 27 2020 20332036 5 Experimental investigation of mabrasive jet machining with dust collection mechanism International Conference on Integration of Advanced Technologies for Industry 4.0 ELSEVIER Materials Today: Proceedings 55 2022 337342 6 Review on novel biomaterials and innovative 3D printing techniques in biomedical applications International Conference on Artificial Intelligence Energy Systems ELSEVIER Materials Today: Proceedings 58 2022 96103 7 Electromagnetic interference shielding behavior of carbon fiber reinforced metal laminates International Conference on Materials for the Future Innovative materials, Processes, Products and Applications November 6 to 8 2013GEC Thrissur National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Electromagnetic interference shielding behavior of carbon fiber reinforced polymer composites Mechanical Engineering for Future, CoMET 2013 SJ CET PalaiJune 15 2013 2 Electromagnetic Shielding Effectiveness of Metal Polymer Laminates Advances in Manufacturing, Systems and Processes GEC ThrissurSeptember 5 to 7 2012 3 Electromagnetic Shielding Effectiveness and Mechanical Characteristics of Polypropylene Based Particulate Composites National Technological Congress NATCON 2012 GEC ThrissurFebruary 9 to 10 2012

Praseetha V. M SJ CET Palai Praseetha V. M Software Development Center 20250318T06:52:0100:00 Dr. Praseetha V M Professor Head Incharge CSE AI Department of Computer Science Engineering Mobile Number: 91 9447603338 Email: praseetha.v.msjcetpalai.ac.in Date of Joining :14062004 Type of Association:Regular Education

Memberships	Publications	STTP	Conference	Seminars	Conference	Education
DegreeSpecializationInstitutionUniversityYear of Passing	B.Tech. Computer Engineering VIET Institution of EngineersIndia 2002	M.Tech. Computer and Information Science CUSAT CUSAT 2004	Ph.D. Biometric techniques BITS Pilani BITS Pilani 2019	Memberships	Name of the InstitutionMembership IDNo	ISTE LM 41629 AMIE AM 0962417 IAENG 275979
Publications						
V. M. Praseetha, P. P. Joby, Speech Emotion Recognition using Data Augmentation, International Journal of Speech Technology, August 2021.						
Amal Sebastian, Aftab Nihar, Remya Raju, S. Nikhit, Lija Alex and Praseetha V. M, VR Kerala An Integrated Tourism Application, International Journal of Innovative Science and Research Technology IJISRT. Volume 6, Issue 7, 12961303, July 2021.						
Athira M. Nair, Chrissie M. Aldo, Blessil Bose, Alex Joseph and Praseetha V. M. Handwritten Character Recognition using Deep Learning in Android Phones, International Research Journal of Engineering and Technology IRJET. Volume 8, Issue 7, 6166, July 2021						
Praseetha, V. M., Saad Bayezed, and S. Vadivel. Secure Fingerprint Authentication Using Deep Learning and Minutiae Verification. Journal of Intelligent Systems. Praseetha, V M and S. Vadivel, Enrolment and Matching of Fingerprints using Minutiae Tree, Journal of Computer Science, 153, 357371, 2019						
Praseetha, V M and S. Vadivel, Deep Learning Models for Speech Emotion Recognition, Journal of Computer Science, 1411, 15771587, 2018.						
Praseetha, V M, Ayush Dattagupta, and S Vadivel, Novel Web Service Based Fingerprint Identification Using Steganography and Xml Mining, IOP Conference Series: Materials Science and Engineering, 3961, 012026, 2018.						
Ajeena Sunny, Aneena Felix, Angelin Saji, Christina Sebastian and Praseetha V. M. Placement Management System for Campus Recruitment, International Journal of Innovative Science and Research Technology IJISRT. Volume 5, 17051710, May 2020.						
Binny George, Jenu Maria Scaria, Jobin B and Praseetha V. M. Web Application Security Scanner for Prevention and Protection against Vulnerabilities, International Research Journal of Engineering and Technology IRJET. Volume 7, 62676272, May 2020.						
Praseetha, V M, Ankit Bansal, and S Vadivel, MobileCloudlet face recognition:Two different approaches, Journal of Computers, 131, 116130, 2018.						
Praseetha, V M and S Vadivel, Face Extraction Using Skin Color and PCA FaceRecognition in a Mobile Cloudlet Environment, 4th IEEE						

International Conference on Mobile Cloud Computing, Services, and Engineering MobileCloud,4145, 2016, Oxford, UK

Praseetha, V M , Mobile Code Offloading: A Review in the International Journal of Emerging Technology and Advanced Engineering.

Praseetha, V M , AutoScale MultiNode Hadoop Cluster An Experimental Setup in the International Journal of Science Engineering Development Research

Praseetha, V M , Neethu Alex, Query By Image Content Using Multi SVM in the International Journal of Advances in Management, Technology Engineering Sciences ISSN 2249 7455

Praseetha, V M Image Retrieval: Providing Query By Image Content at National Conference on Emerging Trends in Computing at Government Engineering College, Thrissur

Praseetha, V M , Software Agents, in SJCTET Journal of Engineering Management STTP Conference Seminars

Conference	Sl.No.	Name of Training	Workshop	Year	Duration	Organizers
Teaching Excellence and Methodologies	2004,	1 week	ISTE	2	National Seminar on Maintaining Quality and Relevance in Engineering Education: Issues and Challenges	2005,
	1 day	ISTE Chapter,	SJCET	3	National Level Technical Symposium on Open Source Computing	2005,
	2 days	CS Dept ,	SJCET Palai	4	Introduction to Theory of Computation Compiler Design using FLEX YACC	2007,
	3days	CS Dept,	Saint Gits College of Engineering,	Pathamuttom.	5	Workshop on Accreditation
	2007,	3 days	SJCET	6	Workshop on Introduction to Design and Analysis of Algorithms	2007,
	2 days	Mathematics Dept,	MAC Kothamangalam	7	National Level Technical Symposium on Mobile Computing	2007,
	2 days	CS Dept ,	SJCET Palai	8	Nano Technology: Significance Applications	2008,
	1day	Mechanical Engg Dept ,	SJCET Palai	9	Neo Areas of Research in Computing	2008,
	1week	ISTE and CS Dept.,	Amal Jyothi College of Engg.	10	Linux Networking and System Administration	2008,
	4 days	Computer Science Engg. Dept ,	SJCET Palai	11	Professional Excellence	2009,
	1 day	Computer Science Engg. Dept ,	SJCET Palai	12	Educational Utilization of Indian Standards	2009,
	1 day	Bureau of Indian Standards	13	International workshop on Open Source Tools for Engineering	2009,	
	1 day	Dept. of CSE MCA, St. Gits College of Engineering.	14	STTP on Advances in Image Processing	2009,	
	7 days	Dept. of AEI and CSE, SJCET, Palai	15	Soft Computing: Methodologies and Applications	2010,	
	8 days	College of Engineering, Poonjar, approved by ISTE	16	Student Welfare Activities	2010,	
	1 day	Mahatma Gandhi University	17	Pedagogic Strategies for Effective		

Engg. Education 2010, 6 days Dept. of Civil Engg., RIT Pampady, Sponsored by DTE, Govt. of Kerala 18 Introduction to Algorithm Analysis and Design 2010, 5 days RIT Pampdy, Sponsored by ISTE 19 International conference on Secure Knowledge Management SKM 2014, 2 days BITS Pilani, Dubai 20 Workshop on cryptology 2016, 3 days BITS Pilani, Dubai 21 NPTEL FDP on Deep Learning 2019, 12 weeks IIT Kharagpur 22 ATAL FDP on Internet of Things IoT 2020, 5 days AICTE and College of Engineering Kalloppara 23 Webinar on Accreditation and Quality of Engineering Education in South Asia 2020. 1 day IEEE ABET 24 Webinar on Parkinsons Disease Analysis using Machine Learning 2020, 1 day IEDC College of Engineering, Kottarakkara and NoviTech 25 Webinar on Blockchain 2.0 A shift from Bitcoin to Real world Applications 2020, 1 day Toc H Institute of Science Technology and CSI 26 Webinar on Value of IEEE Publications in Research and Career Development 2020, 1 day SJCET, IEEE and EBSCO 27 TEQIP sponsored online FDP on Python for Machine Learning 2020, 5 days Govt. Engg. College, Sreekrishnapuram 28 AICTE sponsored online one week STTP on Research Avenues in Machine Learning Approaches for Pattern Recognition 2020, 6 days MGIT, Hyderabad 29 ATAL Online FDP on Artificial Intelligence 2020, 5 days IIT, Patna 30 NPTEL FDP on Constitutional Studies 2020, 12 weeks IIT Madras 31 FDP on Business Analytics and Data Science 2021, 5 days MEA Engg. College 32 FDP on Deep Learning for Signal Processing Basics to Implementation 2021, 5 days Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala 33 Twoday Awareness Workshop on Improving Research Performance Outcomes 2021, 2 days Elsevier 34 Faculty Entrepreneurship and Educational Technology for the Knowledge Economy, 2022, 1 day Trinity College of Engineering 35 IP Awareness Training program 2022, 1 day Intellectual Property Office, India

Preema Theresa Varghese SJCET Palai Preema Theresa Varghese Software Development Center 20220425T08:29:4500:00 Prof. Preema Theresa Varghese Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 9497367828 Email: preemasjcetpalai.ac.in Date Of Joining SJCET: 02112021 Education Experience Journal and Conference Publications Education Sl.NoQualificationInstitutionSpecialization 1 M.Tech Karunya

University, Coimbatore Software Engineering 2 B. Tech College of Engineering, Munnar Computer Science and Engineering Experience

Sl.No	Institution	Position held	Period
1	Holy Grace Academy of Engineering, Mala, Thrissur	Assistant professor in the Dept. of Computer Science and Engineering	01/12/2014 to 31/01/2018
2	ERS Software Technology	Business Analyst	01/07/2019 to 31/12/2020
3	SJCET, Palai	Associate professor	02/11/2021 to present

Journal and Conference Publications

International Journal Publications	Sl. No.	Title of Paper
1	Preema Theresa Varghese, A.Diana,	Minimizing traffic congestion cost in interdomain traffic engineering, International Journal for Research in Applied Science and Engineering Technology, Volume 2, Issue IV, April 2014 ISSN: 23219653
2	Preema Theresa Varghese, A.Diana,	A survey on various interdomain traffic engineering technologies, International Journal of Engineering Research and Technology, Volume 2, Issue 12, December 2013 ISSN: 22780181

International Conference

Sl. No.	Details of the Conference
1	Presented a paper entitled Comparative study on GiFi with other Technologies in International Conference on Computing, Communication, Nanophotonics, Nanoscience, Nanomaterials and Nanotechnology 2016 held at Holy Grace Academy of Engineering Thrissur India
2	Presented a paper entitled Comparative study on Red Tacton with other Technologies in International Conference on Computing, Communication, Nanophotonics, Nanoscience, Nanomaterials and Nanotechnology 2016 held at Holy Grace Academy of Engineering Thrissur India
3	Presented a paper entitled Survey paper on Light Fidelity in International Conference on Computing, Communication, Nanophotonics, Nanoscience, Nanomaterials and Nanotechnology 2016 held at Holy Grace Academy of Engineering Thrissur India

National Conference

Sl. No.	Details of the Conference
1	Presented a paper entitled Role of LocatorIdentifier Separation Protocol in InterDomain Traffic Engineering Technique in National Conference on Recent Advances in Computing 2014 held at Sri Krishna College of Engineering and Technology Coimbatore India
2	Presented a paper entitled Real time traffic monitoring methods in vehicular adhoc network in National Conference on Recent Advances in Computing 2014 held at Sri Krishna College of Engineering and Technology Coimbatore India

One Week FDPs/STTPs

Sl. No.	Details of the FDP/STTP
1	Attended a one week AICTE ISTE approved Orientation Refresher

Programme on Outcome Based Education in Professional Institutions organized by St. Josephs College of Engineering and Technology, Palai., Kerala, India during 27122021 to 01012022. Sponsored by AICTE 2 Attended a one week CSI sponsored FDP on Advances in Natural Language Processing using AI conducted by Department of Computer Science and Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur from 14032022 to 18032022. Sponsored by CSI

Pretty Joy SJCET Palai Pretty Joy Software Development Center 20230814T04:00:1200:00 Prof. Pretty Joy Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 9645245580 Email: prettyjoysjcetpalai.ac.in Education Experience Publications Education Sl.No.DegreeSpecializationInstitutionUniversityYear of Passing 1 MTech Computer and Information Science College of Engineering Kidangoor KTU 2019 2 BTech Computer Science College of Engineering Perumon CUSAT 2016 Experience Name of the collegeIndustryDesignationDate of JoiningDate of Relieving Gov. Engineering College Idukki Assistant Professor October 25, 2021 May 26, 2022 BCM College Kottayam Assistant Professor January 1, 2020 March 31, 2020 Publications Pretty joy,Amrutha ashoke,Ashna John,Reshma ,Amrutha V V,Published a conference paper Proxy server protection for web search in IJCST Vol 7, issue 1,Jan Mar 2016. Pretty Joy1 , Linda Sebastian, Anitha Abraham, Published survey paper Automatic number plate recognition system in International Journal of Scientific Engineering and Research IJSER ISSN Online: 23473878 . Published research article Advanced traffic management system using automatic number plate recognition system in International Research Journal of Engineering and Technology IRJET ,Volume: 06 Issue: 06 | June 2019

Prince George SJCET Palai Prince George Software Development Center 20210114T10:51:2600:00 Prof. Prince George Assistant Professor Department of Civil Engineering Email: princegeorgesjcetpalai.ac.in Date of Joining: 10082020 Nature of association: Contract Education Education B.Tech College of Engineering, Trivandrum 2016 M.Tech National Institute of

Prince Abraham SJCET Palai Prince Abraham Software Development Center
20210308T11:01:5900:00 Prof. Prince Abraham Assistant Professor Department of Computer
Science Engineering Mobile Number: 91 9847129518 Email: Prince.abrahamsjcetpalai.ac.in Date of
Joining:01.08.2017 Education Experience Memberships FDPSTTP Publications Conference
Seminars Conducted FDPSTTP Attended Education Degree Specialization Institution University
Year of Passing B.Tech. INFORMATION TECHNOLOGY COLLEGE OF ENGG VADAKARA
CUSAT 2011 M.Tech. COMPUTER AND INFORMATION SCIENCE DEPARTMENT OF
COMPUTER SCIENCE, CUSAT CUSAT 2014 Experience Name of the College Industry Designation
Date of Date of Relieving COLLEGE OF ENGINEERING VADAKARA ASSISTANT PROFESSOR
January 7, 2014 3142015 COLLEGE OF ENGINEERING VADAKARA ASSISTANT PROFESSOR
January 7, 2015 3142016 COLLEGE OF ENGINEERING VADAKARA ASSISTANT PROFESSOR
January 7, 2016 January 4, 2017 ST JOSEPHS COLLEGE OF ENGINEERING AND
TECHNOLOGY, PALAI ASSISTANT PROFESSOR August 1, 2017 Till date Memberships Name of
the Institution Membership ID No ISTE LM116360 ACM 8153716 FDPSTTP 6 day FDP on
Administering Network Components And Infrastructure Servers held at COE Vadakara during 2328
November 2015 TEQIP II 6 Day FDP on Data Mining And its Applications held at COE Vadakara
during 49 April 2016 TEQIP II Course Coordinator for the 4 week course on College to Corporate
program Technical Skills conducted by IIT Bombay held from February 20 to march 18, 2018 at
SJCET Palai Publications JADE Based Bidding System for ECommerce, Prince Abraham, IJIRCCE,
Volume 5, Issue 5, May 2017 impact factor 6.577 Advanced Agent Based ECommerce System,
Prince Abraham, IJSETR, Volume 6, Issue 18, May 2017 impact factor 5.7 Agent Based EBarter
System, Prince Abraham, IJARCSMS, Volume 5, Issue 5, May 2017 impact factor 6.0 An efficient
Fuzzy Based approach for hepatitis Detection, Ancy Sudhakar, Rajalekshmi K D, Prince Abraham,
IJIRCEE, Volume 5, Issue 5, May 2017 impact factor 6.577 Energy efficient sleeping technique in
cellular networks , Prince Abraham IJAR IIT, volume 4 issue 3 may june 2018 impact factor 4.295

Conference Seminars Conducted II National Conference on Recent Trends in Computational Intelligence and Image Processing held at COE Vadakara during 2223 February 2017TEQIP II FDPSTTP Attended Participated In Professional Development Programme On Big Data Analytics Using Hadoop And R Tool 2124 Nov, 2016 By ESCI Hyderabad. Participated In Management Development Programme 1216 July, 2016 By IIM Calicut. Participated in National Conference on Recent Trends in Computational Intelligence and Image Processing held at COE Vadakara during 56 October 2016TEQIP II Participated ICDSE 2013International Conference on Data Science and Engineering Conference and various seminars conducted by ICDSE. Participated NCSOFT National conference on software Engineering Conference and seminars conducted by Department of CS, CUSAT 1314 august, 2013. Participated National conference on Mathematical Modelling and soft computing 2014 Conference conducted at College of Engineering Vadakara. Participated National Conference On Recent Innovations In Data Science Conducted By Cs Department, College Of Engineering Vadakara And Department Of Cs, Kannur University During 56 October 2016. Participated in the PreConference Workshop on Pattern Recognition and Its Application on 20 February 2016 conducted by IT department, COE Vadakara and CS Department, Calicut University. Participated in 6 Day FDP on Scope of Research in Natural Language Processing organized by department of IT at COE Vadakara during 59 january 2015TEQIP II 10.Participated in 6 Day FDP on Pattern Recognition and Machine Learning organized by department of CS at COE Vadakara during 1923 january 2015TEQIP II 11.Participated in 6 Day FDP on Recent Trends And Techniques in Digital Image Processing organized by department of CS at COE Vadakara during 30 november 5 dec 2015TEQIP II 12.Participated in 6 Day FDP on Free And Open Source Technologies held at COE Vadakara during 49 April 2016TEQIP II 13.Participated in 5 Day FDP on ADVANCED NETWORKING organized by department of IT at COE Vadakara during 1923 december 2016TEQIP II 14.Participated in ISTE STTP on Guidance and Counselling organized by ISTE Staff chapter ,SJCETPalai from 4 to 8 december 2017. 15.Presented a paper on Smart car parking with reservation system using QR Generator in the II Global Colloquium on Recent Advancements in Effectual Researches in Engineering Science and Technology RAEREST 2018 during 29 ,21 April

2018 organized by St Josephs College of Engineering and Technology palai 16.FDP on Database Management Systems by IIT Madras AugustSeptember 2018 17.FDP on Symbolic Logic by IIT Madras AugustSeptember 2018 18.FDP on Software Engineering by IIT Madras July October 2018 19.FDP on Software Testing by IIT Madras July October 2018 20.MOOC on Introduction to Computer Science and Programming using Python by Provided by Massachusetts Institute of Technology EDXMIT 21.MOOC on Database Management Systems by IIT Madras August September 2018. 22.MOOC on Symbolic Logic by IIT Madras August September 2018. 23.MOOC on Software Engineering by IIT Madras July October 2018. 24.MOOC on Software Testing by IIT Madras July October 2018

Privacy SJCET Palai Your privacy is important to us. It is St. Josephs College of Engineering and Technology, Palais policy to respect your privacy regarding any information we may collect from you across our website, and other sites we own and operate. We only ask for personal information when we truly need it to provide a service to you. We collect it by fair and lawful means, with your knowledge and consent. We also let you know why were collecting it and how it will be used. We only retain collected information for as long as necessary to provide you with your requested service. What data we store, well protect within commercially acceptable means to prevent loss and theft, as well as unauthorised access, disclosure, copying, use or modification. We dont share any personally identifying information publicly or with thirdparties, except when required to by law. Our website may link to external sites that are not operated by us. Please be aware that we have no control over the content and practices of these sites, and cannot accept responsibility or liability for their respective privacy policies. You are free to refuse our request for your personal information, with the understanding that we may be unable to provide you with some of your desired services. Your continued use of our website will be regarded as acceptance of our practices around privacy and personal information. If you have any questions about how we handle user data and personal information, feel free to contact us. This policy is effective as of 9 July 2019.

Prince V Jose SJCET Palai Prince V Jose Software Development Center 20210318T10:47:3300:00
Prof. Prince V Jose Assistant Professor Department of Computer Science Engineering Mobile
Number: 91 9496821125 Email: prince.v.josesjcetpalai.ac.in Date of Joining:01.08.2017 Education
Memberships Experience STTP Conference SeminarsWorkshops Publications Conference
Seminars Education DegreeSpecializationInstitutionUniversityYear of Passing Diploma Computer
Hardware Maintenance Model Polytechnic College, Painavu, Idukki Board of Technical Education
2008 B.Tech. Computer Science and Engineering M G University College of Engineering,
Thodupuzha, Idukki MG university , Kottayam 2011 M.Tech. Computer Science and Engineering
Sapthagiri College of Engineering, Dharmapuri Anna University ,Chennai 2014 Ph.D. Theoretical
Computer Science Government Engineering College Idukki APJ Kerala Technological University,
Trivandrum pursuing Memberships ACM ID: 3432558 Experience Name of the
CollegeIndustryDesignationDate of JoiningDate of Relieving Mar Athanacious College of
Engineering, Kothamangalam Assistant Professor July 28, 2011 05092012 M G University College
of Engineering, Thodupuzha, Idukki Assistant Professor March 3, 2014 November 9, 2014
Government Engineering College, Idukki Assistant Professor December 5, 2014 May 31, 2015
Model Polytechnic College Painavu, Idukki LecturerHOD in charge of CS June 1, 2015 December
31, 2015 Robosoft Technologies, Udupi, Karnataka Android Developer January 4, 2016 June 9,
2016 Government Engineering College, Idukki Assistant Professor June 20, 2016 January 3, 2017
Marian College, Kuttikanam, Idukki Assistant Professor January 4, 2017 July 31, 2017 St. Josephs
College College of Engineering and Technology, Palai Assistant Professor 01082017 Till date STTP
Conference SeminarsWorkshops Conference Seminars Conducted: 2 days Android Application
Development Workshop for CSE students at Government Engineering College Idukki 5 days
Android Application Development Workshop for MCA students at Marian Collge Kuttikanam, March
2017 2 days Android Application Development Workshop for ECE students at Government
Engineering College Idukki on 17th and 18th March 2018 2 days Android Application Development
Workshop for ECE students at Gurudeva Institute of Science and Technology, Payyapady,
Kottayam on 13th and 14th April 2018 3 days Android Application Development Workshop at

Institute of Advanced studies Calicut for Higher secondary school teachers on 3, 4 and 5th May 2018 2 days Android Application Development Workshop for BCA students at Sree Sabareesa College of Arts and Scinece, Mundakkayam, Kottayam on 21st and 22nd June 2018 Coordinated 1 day Workshop on Cyber security on 17th Feb 2018 by Subash Babu, Deputy commander of Cyber Dom. 2 days Android Application Development Workshop for B.Tech students College of Engineering Attingal, Trivandrum 30th and 31st March 2019 2 days Android Application Development Workshop for BCA students at St. George College, Aruvithura, Kottayam from 3 to 4th Jan 2020 2 days Android Application Development Workshop for diploma students at Government Polytechnic College, Mananthavady, Wayanad from 31st Jan to 1st February 2020 STTP Conference SeminarsWorkshops attended: Attended 2 week ISTE workshop on Software Development Techniques for Teachers of Engineering and Science Institutes at Amal Jyothi College of Engineering, Kanjirapally on 5th Nov to 4th December 2011 sponsored by IIT Bombay. Attended STTP on Advanced Algorithm Analysis and Design organized by Department of Computer Science and Engineering, GEC Trissur and TEQIPII from 21st April to 25th April 2015 2 Day workshop on Android Application Development organized by the Department of Computer science, Rajagiri College of Social Sciences on 27th and 28th January 2017 AICTE sponsored QIP course on Research: Methodology and Documentation, organized by department of electrical Engineering Trivandrum from 27th November to 2nd STTP on Guidance and Counselling organized by ISTE staff chapter, SJCET Palai from 4th to 8th December 2017. FDP on Algorithmic power, Limitation and connecting the dots, organized by Department of Information Technology, Painavu, Idukki 19th 21st December 2017. One day SPOCNPTTEL felicitation workshop at IIT Madras on 25th January 2018. Grant finale of Smart India Hackathon2018 held at CV Raman College of Engineering, Bhubaneswar on 30th and 31st March 2018. Presented a paper titled Time series Stock prediction using stochastic Signal Prediction Model in the International Conference ICCISCONa8, jointly organized by Department of Computer Science and Engineering Department of Electronics and communication engineering on 6th and 7th April 2018. Presented a paper titled Deepstock: A real time stock prediction model using Deep Learning, in the International Conference code: SLMM185

on Breakthrough in Engineering, Science and Technology 2018 IERBEST 18 23rd March 2018 at Hotel AMRs Evergreen, Salem. Presented a paper titled A performance Improvement Inference method for Link Prediction in social graphs, in the 2nd International Conference RAEREST 2018 organized by St. Josephs College of Engineering and Technology, Palai on 20th and 21st April 2018 Publications Prince V Jose and Anu.V. Kottath has published a paper entitled DIBSM: Dominance on Incomplete Big Data Using Scoring Method Publisher Name Springer, Singapore, Online ISBN 9789811596513, Print ISBN 9789811596506, Feb 2021. Prince V Jose, Megha Philip, Nimmy George, Maria Rose Chacko and Merin Mary Saju has published a paper entitled Automated HR with hiring intelligence, IJISRT, ISSN 2456165, May 2020. Prince V Jose, Hari Priya, Jissmin K Jose, Ann Maria Babu, Jiss Maria Jijo has published a paper entitled Modeling of Bit coin price prediction Algorithm using Deep Learning, IJLTET, ISSN 2278621X April 2020. Prince V Jose and Anu.V. Kottath has published a paper entitled, Review on Finding Dominance on Incomplete on Big Data, IEEE Xplore, ISSN 9781538694398, March 2019. Prince V Jose and Ashly Ann Jo, A performance Improvement Inference Method for Link Prediction in social Graphs, International Journal of Physics IOP, 2018. Ashly Ann Jo, Prince V Jose has published a paper entitled Deepstock: A real time stock prediction model using deep Learning, International Journal of Advanced Methodologies in Engineering and Technology, ISSN 24566446, special issue, March 2018 pages 126130. Prince V Jose, Shaji Thomas has published a paper entitled Recent trends in Ecommerce, International Research Journal of Engineering and Technology, volume 2, issue 6, September 2015 Jithin Jacob, Prince V Jose, Anuraj C K, Dr. Surekha Mariam Varghese has published a paper entitled ERDOs: A major threat to Operating System Security, International Journal of Computer Science and Engineering, ISSN print: 22789960, ISSN Online: 22789979 Vol 3, Issue 3, May 2014 Impact Factor JCC: 1323 Index Copernicus Value IJCV 2013: 3.0 Conference Seminars 2 days Android Application Development Workshop for CSE students at Government Engineering College Idukki 5 days Android Application Development Workshop for MCA students at Marian Collge Kuttikanam, March 2017 2 days Android Application Development Workshop for ECE students at Government Engineering College Idukki on 17th and 18th March 2018 2 days Android Application Development

Workshop for ECE students at Gurudeva Institute of Science and Technology, Payyapady, Kottayam on 13th and 14th April 2018 3 days Android Application Development Workshop at Institute of Advanced studies Exam center, Calicut on 3, 4 and 5th May 2018 2 days Android Application Development Workshop for BCA students at Sree Sabareesa College of Arts and Scinece, Mundakkayam, Kottayam on 21st and 22nd June 2018 Coordinated 1 day Workshop on Cyber security on 17th Feb 2018 by Subash Babu, Deputy commander of Cyber Dom.

Praveen P.Onasseril SJ CET Palai Praveen P.Onasseril Software Development Center
20190112T02:56:0300:00 Prof. Praveen P.Onasseril Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 8593893551 Email: praveen.onasserilsjcetpalai.ac.in Date of joining SJ CET: 23072018 Association with the institution: Contract Education Experience Education Sl.No Qualification University Year of passing Specialization 1 B.Tech M.G. University 2007 Electronics Communication Engg 2 M.Tech M.G. University 2015 ECEVLSI Embedded systems Experience Date of joining SJ CET : 23072018 Previous Experience Industrial Experience : 3 years in Telecom Industry Teaching Experience : 3 years Sl. No Name of the college Industry Designation Experience Years Months 1 2 3 4 Nokia Siemens network Limited Denave India Private Limited Tata Teleservices Limited BTC College of Engineering and Technology, Koothattukulam Telecom Engineer Telecom Engineer Telecom Engineer Asst. Professor 8 months 1 year 8 months 6 months 3 years

Quality Indicator Framework QIF SJ CET Palai Quality Indicator Framework QIF
20240302T04:16:0600:00

Rakhi Elizabeth Thankachan SJ CET Palai Rakhi Elizabeth Thankachan Software Development Center 20210114T10:47:3500:00 Prof. Rakhi Elizabeth Thankachan Assistant Professor Department of Civil Engineering Email:rakhielizabethsjcetpalai.ac.in Date of Joining: 10082020 Nature of association: Contract Education Education B.Tech St. Josephs College of Engineeering

and Technology, Palai 2017 M.Tech St. Josephs College of Engineering and Technology, Palai 2019

Rani V. T SJCET Palai Sl. No Name of Training Workshop Year Date Duration Organizer 1 Training on Teaching Excellence 2002 July 2 Weeks ISTE 2 National Seminar on The Life and Contribution of Srinivasa Ramanujan 2012 March 23-24 2 Days KMA 3 FDP on Multivariate Statistical Techniques For Management Research. 2013 Sept 2,3 2 Days SJCET 4 UGC sponsored National Seminar on Graph Theory And Modelling. 2013 Sept 25,27 3 Days Dept. of Mathematics S. B. College 5 ISTE Short Term Training Programme On Guidance and Counselling 2017 Dec 4 th 8 th 5 Days SJCET 6 FDP on Applications of Basic Sciences in Engineering 2017 March 23 rd College of Engg. Kidangoor 7 FDP on Numerical Linear Algebra and Partial Differential Equations 2018 Dec 5,6,7 3 Days Ahalia School of Engg. Technology Palghat 8 Advanced Optimization Techniques January 30 February 3 2023 5 Days Dept. of Mechanical Engineering , SJCET, Palai 9 Probability Statistics Jan 22, 2023 April 13, 2023 12 weeks NPTEL Course, AICTE approved FDP course

Reby John SJCET Palai Reby John Software Development Center 2022 05/13 T09:45:05 00:00 Prof. Reby John Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9961029432 Email: rebyjohnsjcetpalai.ac.in Education Experiance Journal Conference Publications FDP STTPs Education Sl.No Qualification Institution Specialization 1 M.Tech Tamilnadu college of Engineering ,Coimbatore Computer Communication 2 B. Tech College of Engineering, Kidangoor CSE Experiance Sl.No Institution Position held Period 1 Mount Zion College of Engineering Lecturer in the Dept. of CSE 01/08/2007 to 15/12/2007 2 TKM Institute of Technology ,Kollam Assistant Professor 15/09/2010 to 28/06/2012 3 St Thomas College of Engineering Technology, Chengannur Assistant Professor 02/07/2012 to 30/11/2013 4 College of Engineering, Chengannur Assistant Professor 02/07/2014 to 28/04/2017 5 College of Engineering, Kidangoor Assistant Professor 04/08/2017 to 13/04/2018 6 Rajiv Gandhi Institute of Technology ,Pampady Assistant Professor 01/08/2018 to 08/11/2019 Journal Conference Publications International Journal Publications

Published a paper entitled Image Assisted Data Security using Key Encrypted File in International Journal of Engineering Research and Technology IJERT, Volume 4, Issue 5, May 2015 Published a paper entitled A novel approach for Image fusion in International Journal of Engineering Research and General Science IJERGS, Volume 3, Issue 3, 2015 Edition FDPSTTPs Sl. No Details of the FDPSTTP Remarks

- 1 Attended Faculty Development Programme on Induction Training Programme for Young Teachers Sponsored by APJ Abdul Kalam Technological University at College of Engineering, Kidangoor. Sponsored by KTU
- 2 Attended Faculty Development Programme on Student Mentoring at Rajiv Gandhi Institute of Technology, Kottayam Sponsored by AICTE
- 3 Attended Webinar on Building ML Applications using Google Co Lab organized by College of Engineering Kidangoor, Dept. of Computer Science Engineering NBA Accredited. Sponsored by AICTE
- 4 Attended Webinar Series on Smartphone Security and Cyber Forensics organized by Dept of CSE, TKM Institute of Technology, Karuvelil, Kollam
- 5 Attended Webinar on 2020 Machine learning trends: A look at Up and Coming Technology Techniques organised by Mount Zion Institute of Science and Technology, Kozhuvallur.
- 6 Attended Webinar on DevOps with Alibaba Cloud organized by the Department of Computer Science Engineering, College of Engineering Kidangoor.
- 7 Attended Webinar on Machine learning with Data Analytics, organized by College of Engineering, Pathanapuram
- 8 Attended FDP on artificial intelligence and data science Organized By Department of Computer Science Engineering, Sree Narayana Gurukulam College of Engineering, from 17th to 19th march 2022
- 9 Attended AICTE/ISTE approved Orientation/Refresher Programme on Outcome Based Education in Professional Institutions organized by the St Josephs College of Engineering and Technology Palai from 27/12/2021 to 11/2/2022. Sponsored by AICTE
- 10 Attended AICTE sponsored Short Term Training Programme on high performance computing and deep learning for image and text analysis session 2 organized by the Department of Computer Science and Engineering, Mar Baselios College of Engineering and Technology scheduled from 21 March 2022 to 25 March 2022. Sponsored by AICTE

20230811T12:11:3300:00 Prof.Rajiv Krishnan Assistant Professor Department of Mechanical Engineering Mobile Number: 9496804539 Email:krirajivgmail.com Date of joining SJCT:07082008

Association with the institution: Regular Education Experience Memberships FDPSTTP Attended Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Calicut University GEC Thrissur 2007 Mechanical Engineering 2 M.Tech IIT Madras IIT Madras 2013 Thermal Engineering 3 Ph.D Pursuing IIT Bombay IIT Bombay Thermal Engineering Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Ilahia College of Engineering Technology Lecturer 1 Month 2 Mangalam College of Engineering, Ettumanoor Lecturer 10 Months Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE Life Member LM 64479 FDPSTTP Attended Sl.NoName of FDP Date Organiser 1 Nanotechnology Significance Applications 2008, 1 day SJCT, Palai 2 Strengthening Safety Envelop in Work Places 2008, 1 day SJCT, Palai 3 Teaching Excellence Methodologies 2009, 1 week ISTE 4 Energy Management Challenges and Future Prospects 2009, 1 week SJCT, Palai 5 Advances in manufacturing and Production management 2009, 1 day SJCT, Palai 6 Up gradation Programm on First Aid Expertise 2009, 1 day SJCT, Palai 7 Educational Utilization of Indian Standards 2009, 1 day Burau of Indian standards SJCT 8 Technical Analysis Tools Mat Lab 2010, 2 day MEA ISTE Sjcet 9 Alternative Energy options for I C engines 2010, 6 day NIT Calicut 10 CNC Technologies 2010, 5 day SJCT , Palai 11 Manufacturing Management 2011, 5 day SJCT, Palai 12 Biofuels Prospects and Challenges 2013, 5 days NIT Calicut 13 Fluid mechanics 2014, 10 days IIT Kharagpur 14 Computational Techniques for Engineering 2015, 6 days RIT Pampady 15 Finite Elemental Analysis Using ANSYS 2015, 5 days RIT Pampady 16 Theoretical and Applied Computational Fluid Flow Heat Transfer 2015, 5 days RIT Pampady 17 Eicher handson heavy duty vehicle training program 2017, 6 days AJCE Kanjirappally 18 Outcome based education and NBA accreditaion 2018, 2 days MBC, Peermade 19 First Course in computational fluid dynamics: Development, Application and Analysis FCCFD2018 2018, 5 days IIT Bombay 20 NBA Accreditation 18th 19th June 2018 SJCT, Palai. 21 Work shop on Safety 29th June SJCT, Palai 22 Renewable EnergyOpportunities and Challenges 9th November 2018 SJCT ,Palai 23 Recent advances in

Manufacturing Engineering 2019,5 days APJAKTU SJ CET Pala 24 Computational methods in Fluid and Structural Mechanics 2019,12 days Rajagiri School of Engineering Technology Kochi 25 Trends in Mechatronics and manufacturing 14112022 18112022 NITTR CHENNAI 26 Nano materials Developments, applications and future outlook 09012023 13012023 APJAKTU SJ CET 27 Advanced Optimisation Techniques 30012303022023 APJAKTU SJ CET Publications

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Development of Tool to Design Piston Bowl Considering Spray Parameters to Reduce Emissions	RAEREST18	SJ CET	, 21/4/2018

National Journal

Sl.No	Title of Paper	Name of journal	Publisher	Year, Volume	ISSN/ISBN No.
1	Comparison of Performance and Emission Characteristics of Two Different Engines Fuelled with different blends of gasoline and butanol	SJ CET Journal of Engineering and Mnagement	SJ CET	2015, 8,	ISSN 23948347

Rahul Shajan SJ CET Palai Rahul Shajan Software Development Center 20231116T08:43:5400:00

Dr. Rahul Shajan Associate Professor Head Department of Computer Applications Mobile Number: 91 8921397634 Email: hodmcasjcetpalai.ac.in

Education Experience Faculty Development Programme Journal Publications Conferences Workshops Webinars Certificate Courses Education Degree

Institution	Year	PhD	MCA	University	Year
Mahatma Gandhi University, Kottayam	2020	MCA	Mahatma Gandhi University, Kottayam	2013	BCA
Mahatma Gandhi University, Kottayam	2010	Experience	Teaching	Research Assistant	Professor

Full time research scholar 8 Yrs Faculty Development Programme Participated KTU sponsored 3 Day online FDP on Mentoring and Thinking Skills for Engineering Faculty Organized by Amal Jyothy College of Engineering and Technology, Kanjirappilly from 10/9/2021 to 30/9/2021. Participated One week International FDP on Advanced Research and Quality Publication Organized by Federal Institute of Technology FISAT, Ernakulam from 29/8/2022 to 02/09/2022. Participated Two week AICTE ATAL FDP on Machine Learning for Interdisciplinary Engineering Applications held in Department of Computer Science, CUSAT, Kerala from 12/09/2022 to 23/09/2022. Participated NPTEL AICTE FDP Funded by MOE, Government of India on Deep Learning. Duration of corresponding NPTEL course is 12 weeks. Participated KTU

sponsored 5 Days FDP on Block chain Technology and Its Applications Organized by St. Josephs College of Engineering and Technology, Palai from 16012023 to 20012023. Participated 3 Days FDP on Data Science using Python Organized by Mangalam College of Engineering and Technology, Ettumanoor from 24012023 to 26012023. Participated KTU sponsored 5 Days FDP on Addressing Open Problems in Medical Domain through Artificial Intelligence Organized by Department of Computer Science and Engineering, Muthoot Institute of Technology and Science from 30012023 to 03022023. Participated NPTELAICTE FDP Funded by MOE, Government of India on Data Base Management Systems Duration of corresponding NPTEL course is 8 week. Participated 7 Days online National level FDP on Outcome Based Education OBE Organized by Nirmala College Muvattupuzha in association with The Kerala State Higher Education Council from 10062023 to 17062023. Journal Publications Rahul Shajan, Gladston Raj S, Health Prediction in Astrology using Data Mining Techniques, International Journal of Advanced Research 2016, Volume 4, Issue 4, 680683. Rahul Shajan, Gladston Raj S, Association rule mining based Analysis on horoscope data a perspective study, International Journal of Computer Engineering and Technology, 2017. Rahul Shajan, Gladston Raj S, Horoscope Analysis and Astrological Prediction Using Biased Logistic Regression BLR, International Journal of Innovative Technology and Exploring Engineering IJITEE Elsevier, Scopus ISSN 22783075, Volume 8, October 2019. Published a paper titled A Survey on the Implementation of Artificial Intelligence in Agriculture, Journal of Information and Computational Science JOICS, ISSN 15487741, Volume 12 Issue 12 2022. Published a paper titled Does EV can Sustain the Equilibrium of Environment, International Journal of Scientific Development and Research IJSDR, ISSN 24552631, Volume 3 Issue 3 March 2023. Published a paper titled A Survey on Diabetes Prediction Using Machine Learning, International Journal of Scientific Development and Research IJSDR, ISSN 24552631, Volume 3 Issue 3 March 2023. Published a paper titled Survey of Neuromorphic Computing and Neural Networks in Hardware, International Journal of Scientific Development and Research IJSDR, ISSN 24552631, Volume 3 Issue 3 March 2023. Published a paper titled A Study on Current Trends in Deep Learning for Autonomous Driving, International Journal of Scientific Development and Research IJSDR, ISSN

24552631, Volume 3 Issue 3 March 2023 Conferences Presented a paper titled Study of the Relevance of Star Match in astrology by Applying Data mining techniques in the International Conference on Bigdata and Cloud Computing ICBGCC2017, Organized by Karunya university, Coimbatore. Presented a paper titled A Study on Application of Data mining in Astrology in the National Conference on Advanced Computing And Communication TechnologyNCACC2017 in association with CSI, organized by Santhigiri College, Vazhithala. Participated in the UGC sponsored national conference on Recent Trends in Data mining NCRTID15 at BPC College, Piravom. Participated in the UGC sponsored National conference on Artificial Intelligence NCAI16 at Department of Computer Sciences, Government College Nedumangad. Presented a paper titled A Review on current trends in Robotics in the National Conference on Advanced Computing And Communication TechnologyNCACC2020 as a Guide and Coauthor , organized by Santhigiri College, Vazhithala. Chaired the paper presentations in the International conference on Intellectual Property Rights Organized by Santhigiri College of Computer Sciences, vazhithala, on 20022021. Chaired the paper presentations in the National conference on Emerging Computer Applications Organized by Amal Jyothi College of Engineering and Technology, kanjirappilly, on 17th June 2021. Chaired the paper presentations in the National conference on Emerging Computer Applications Organized by Amal Jyothi College of Engineering and Technology, kanjirappilly, on 15th June 2022. Workshops Participated in 3day National Level Workshop on Data Analytics and Machine Learning using R Organized by School of Computer Sciences, MG University, Kottayam. Participated in 2day National level workshop on Teaching Learning and Evaluation Organized by Mar Augusthinose College Ramapuram in Association with MG University, Kottayam on 28 and 29 October 2021 Participated in 2day IndoTaiwan online Workshop on Intelligent Internet of Things Jointly Organized by IIIT, Kottayam and the IEEE SPS Kerala Chapter on 2728 October 2022. Webinars Participated in a Webinar on Ensemble learning A Machine Learning Approach for Decision Making Organized by MES College, Marampally on 17th July 2020. Participated in a 3day Webinar series on Data Science and Artificial Intelligence Organized by Santhigiri College of Computer Sciences, vazhithala from 6th August 2020 to 8th August 2020. Participated in a Webinar on Information Security

Organized by AlAmeen College, Edathala on 16th August 2020. Participated in a Webinar on Intellectual Property Awareness Program Organized by National IP Awareness mission, India on 11032022. Participated in a Webinar on Endless Possibilities of AI Organized by ASME SJCET and ASME FISAT on 29092022 Certificate Courses Attended the 30 Hour course titled Developing Web Applications using ASP.Net By NIIT Academy. Attended the 200 hours course titled IT Finishing School Advanced IT Technologies and Soft skills by Santhisoft Technologies, Vazhithala. Completed certificate course on Block Chain Basics from Coursera. Completed certificate course on AI for Everyone from Coursera. Completed 12 week JulOct 2022 NPTEL course on Deep Learning Completed 8 week JanMarch 2023 NPTEL course on Data Base Management Systems.

Registration SJCET Palai Registration Software Development Center 20171123T12:02:3800:00
EVRREGIS

Rashmi Annamma George SJCET Palai Rashmi Annamma George Software Development Center
20241030T10:53:1200:00 Ms.Rashmi Annamma George Assistant Professor Department to
Artificial Intelligence and Data Science Mobile Number:9633022307 Email:rashmi.ann21gmail.com
Education Memberships FDPSTTP attended. Invited Lectures Delivered International Conferences
National Conference Education Sl.NoQualificationUniversityInstitutionYear of
passingSpecializationClassCGPA 1 B.Tech MAHATMA GANDHI K M E A Engineering college 2007
Electronics and Instrumentation First Class 2 M.Tech Anna University Bannari Amman Institute of
Science and Technology 2012 Applied Electronics First Class with Distinction Memberships Sl.
NoName of InstitutionType of Membership 1 ISTE Life Member 2 International Association of
Computer Science and Information Technology Life Member 3 International Association of
EngineersIAENG Life Member FDPSTTP attended. Sl. NoName of TrainingWorkshopYear Date
DurationOrganizer 1 ISTE Short term program on Guidance and Counselling. 4th to 8th December
2017 SJCET 2 FDP on Mathematical Techniques in Engineering Research 7th to 12th December
2015 RIT,Pampady 3 Two Week ISTE Main Workshop on Signals Systems 2nd to 12th January

2014 IIT Kharagpur 4 STTP on Solid State Control of Electric Drives 21st to 25th July 2014 NITTTR, Chandigarh 5 FDP on Recent advances in industrial automation, control and embedded system 10th to 22nd June 2013 SJ CET 6 STTP on Teaching Excellence and methodologies 2nd to 7th July 2012 ISTE Kerala section and Govt.Engineering College, Thrissur 7 Two Week ISTE Main Workshop on Introduction to Research Methodology 25th June to 4th July 2012 IIT Bombay 8 Staff development program on recent Advancements in Intelligent measurements and control 19th to 30th April 2010 J J College of Engineering and Technology, Trichy 9 STTP on Advances in Image Processing 20th to 26th November 2009 SJ CET Invited Lectures Delivered Sl. No Title Topic Year Duration Organizer 1 Analysis and Design of Instrumentation 2017 February CAPE, KIDANGOOR 2 Analysis and Design of Instrumentation 2018 April MZC, Kadamanitta International Conferences

Show entries Search: Sl. No. Title of the Paper Name of the Conference Venue Date 1 A Simple and Robust Strategy for Background Removal from Brain MR Images RAEREST April 1, 2018 2 Hamming distance based Reordering Algorithm of Scan Flip flops for Low Power Scan Testing ICFTEE January 1, 2012 3 Hamming Distance based Scan cell reordering for Power reduction in Scan based Test ICECT April 1, 2012 Showing 1 to 4 of 4 entries National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Power Optimization in Scan based Testing by hamming distance based Scan cell Reordering NCSSS 2012 February

Rajesh Baby SJ CET Palai Rajesh Baby Software Development Center 20250125T07:29:4300:00 Prof.Rajesh Baby Associate Professor Dean Academics I Department of Mechanical Engineering Mobile Number: 9447921482 Email:rbaby55gmail.com Date of joining:07122004 Association with the institution: Regular Education Experience Memberships FDP STTP Attended Publications Conferences Seminar Invited Lectures Delivered Funded Research Education Sl.No Qualification University Institution Year of passing Specialization 1 B.Tech Mahatma Gandhi University M. A. College of Engineering, Kothamangalam 2001 Mechanical 2 M.Tech Kerala University TKM College of Engineering, Kolam 2004 Industrial refrigeration and Cryogenic Engineering 3 Ph.D Indian Institute of Technology Madras, Chennai Indian Institute of Technology

Madras, Chennai 2013 Mechanical Engineering Heat Transfer Experience Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 Bhagheeratha Engineering Ltd., Cochin
 Assistant Engineer July 2001 to August 2002 Memberships Type of MembershipMembership ID Life
 Membership of Indian Society for Technical Education ISTE Life Member Life Membership of Indian
 Society of Heat and Mass Transfer ISHMT Life Member Life Membership of Indian Society of
 Mechanical Engineering ISME Life Member FDPSTTP Attended Sl. NoName of Training
 WorkshopYear DurationOrganizer 1 KSCSTE Rural Innovators Meet 2018 14th to 16th May 2018
 Kerala State Council for Science, Technology and Environment and M.S. Swaminathan Research
 Foundation, Wayanad 2 STTP on Factor Analysis and structural Equation Modeling for Research
 25st to 30th July 2016 Rajiv Gandhi Institute of Technology Government Engineering College,
 Kottayam. 3 STTP on Modern Trends in Energy Environment and Green Technology 21st to 25th
 April 2014 School of Engineering, Cochin University of Science and Technology, Cochin 4 FEEL
 Teacher, Learning and development intervention 12th to 14th December 2013 St.Josephs College
 of Engg. Tech., Palai 5 Short term training programme on Self Awareness and Higher Goals in
 Education 12th 16th June 2012 Indian Institute of Technology Madras,Chennai 6 Faculty
 Development programme for research scholars 20th 21th August 2011 Indian Institute of
 Technology Madras,Chennai 7 National conference on Refrigeration and Air Conditioning 08th 10th
 January 2009 Indian Institute of Technology Madras,Chennai 8 Oneweek workshop on ENERGY
 MANAGEMENT Challenges and Future Prospects 19th 23th January 2009 St. Josephs College of
 Engg. Tech., Palai 9 Two day workshop on Advances in Manufacturing and Production
 Management 23rd 24th April 2009 St. Josephs College of Engg. Tech., Palai 10 Workshop on
 Optimum Energy Utilization in Thermal Systems 17th 30th May 2009 National Institute of
 Technology, Calicut 11 Workshop on Nano Technology 7th November 2008 St. Josephs College of
 Engg. Tech., Palai 12 Upgradation programme on First aid expertise 11th November 2008
 St.Josephs College of Engg. Tech., Palai 13 Workshop on Aerospace Engineering : Theory
 Applications 18th 24th June 2008 SAINTGITS College of Engineering, Kottayam 14 Continuing
 Education Programme on Cryocoolers : Theory, Design and Practice 19th 22nd February2008

Indian Institute of Technology Bombay, Mumbai 15 PreInternational conference workshop on Advanced Finite element method and Computational Techniques 29th August 2007 Manipal Institute of Technology, Manipal 16 Workshop on Accreditation 28th 30th June 2007 St. Josephs College of Engg. Tech., Palai 17 Short term course on Matlab, Simulink and Labview for Engineering Applications 19th 23rd Feb. 2007 National Institute of Technology, Calicut 18 Refresher course on Recent trends in Air Conditioning and refrigeration Systems 21st Nov. 10th Dec. 2005 Annamalai University, Tamil Nadu 19 Short term course on Teaching Excellence and Methodologies 23th 28th May 2005 Indian Society for Technical Education, Kerala Chapter 20 Recent advances in Manufacturing Engineering 2019, 5 days APJAKTU SJCET Pala 21 NPTEL: Introduction to Ancient Indian Technology 2019, 12 WEEK IIT Kanpur 22 Engineering Ethics 2020, 1 week AQIS and AICTE Sponsored, VEER Surendra saji University of Technology, Odisha 23 AICTE/ISTE approved Orientation/Refresher Programme: Outcome Based Education in Professional Institutions 2022, 6 days AICTE/ISTE, SJCET Palai Publications International Journals

Sl.No	Title of Paper	Name of Authors	Publisher Name of the Journal	Year, Volume	ISSN/ISBN No.
1	Improving the performance of an active carbon nitrogen adsorption cryocooler by thermal regeneration	Rajesh Baby and M. Jose Prakash	Carbon	2005, 43	11
2	Experimental investigations on phase change material based finned heat sinks for electronic equipment cooling	Rajesh Baby and C. Balaji	International Journal of Heat and Mass Transfer	2012, 55	5
3	Thermal management of electronics using phase change material based pin fin heat sinks	January 9, 1900	Journal of Physics : Conference Series	2012, 395	1
4	Thermal optimization of PCM based pin fin heat sinks : an experimental study	Rajesh Baby and C. Balaji	Applied Thermal Engineering	2013, 54	1
5	Experimental investigations on thermal performance enhancement and effect of orientation on porous matrix filled PCM based heat sink	Rajesh Baby and C. Balaji	International Communications in Heat and Mass Transfer	2013, 46	6
6	A Neural Network Based Optimization of thermal performance of phase change material based finned heat sinks An Experimental Study	Rajesh Baby and C. Balaji	Experimental Heat Transfer	2013, 26	5
7	Thermal performance of a PCM heat sink under different heat loads : an experimental study	Rajesh Baby and C. Balaji	International Journal of Thermal Sciences	2014, 79	8
8	Numerical investigation of PCM				

based heat sinks with embedded metal foam crossed plate fins P.V.,S.S. Srivatsa, Rajesh Baby and C. Balaji Numerical Heat Transfer, Part A : Applications 2014, 6610 9 Geometric optimization of a PCM based heat sinks A coupled ANN and GA P.V..S.S. Srivatsa, Rajesh Baby and C. Balaji Heat Transfer Engineering 2016, 3710 10 Thermal Performance Evaluation of a Phase Change Material based heat sink : A Numerical Study J. Thomas,P.V.S.S.Srivatsa, S.Ramesh Krishnan, Rajesh Baby Procedia Technology 2016, 25 11 Recent advances in proton exchange membrane fuel cells: A review Tino Joe Tenson and Rajesh Baby International Advanced Research Journal in Science 2017,Vol.4 12 Performance studies on serpentine flow channel of a proton exchange membrane fuel cell Antony Alex, Austin George, Bijo Thomas, Bonny Mathew Antony, Rajesh Baby IOP Conference Series: Materials Science and Engineering 2018, 396,PP: 012059 13 Numerical investigations on a proton exchange membrane fuel cell of active area 50 cm² Tino Joe Tenson and Rajesh Baby IOP Conference Series: Materials Science and Engineering 2018, 396,PP: 012056 14 Enhancement of thermal performance of a loop heat pipe using aluminawater nanofluid: An experimental investigation J Akshay, Aswin J Joseph, Jobin Jose, Rajesh Baby IOP Conference Series: Materials Science and Engineering 2018, 396,PP: 012058 15 Recent advances in loop heat pipes: A review Jobin Jose and Rajesh Baby IOP Conference Series: Materials Science and Engineering 2018, 396,PP: 012060 16 Phase change material based thermal management of lithium ion batteries: A review on thermal performance of various thermal conductivity enhancers Journal of Energy Storage ELSEVIER Journal of Energy Storage 50 2022 104606 17 Implementation of an origami inspired gripper robot for picking objects of variable geometry International Conference on Artificial Intelligence Energy Systems. ELSEVIER Materials Today: Proceedings 58 2022 176183 18 Design, fabrication and testing of a direct methanol fuel cell stack International Conference on Artificial Intelligence Energy Systems. ELSEVIER Materials Today: Proceedings 58 2022 400406 19 Thermal efficiency analysis of buildings with phase change Materials Sustainability, Agri, Food and Environmental Research ISSN: 07193726, 10X, 2022 20 Enhancement of thermal performance of a loop heat pipe using alumina water nanofluid : An experimental investigation IOP Conf. Series: Materials Science and Engineering. IOP Publishing

IOP Conf. Series: Materials Science and Engineering 396 2018 012058
doi:10.1088/1757-899X/396/1/012058 21 Performance studies on serpentine flow channel of a proton exchange membrane fuel cell IOP Conf. Series: Materials Science and Engineering. IOP Publishing

IOP Conf. Series: Materials Science and Engineering 396 2018 012059
doi:10.1088/1757-899X/396/1/012059 22 Investigations on the influence of channels span wise International ISHMTASTFE Begellhouse digital library pages 1721-1726 23 aspect ratio over the heat transfer characteristics of an upward solar air heater Heat and Mass Transfer Conference DOI: 10.1615/IHMTC2021.2590 24 Enhancement of the thermal performance of a loop heat pipe using silicawater nanofluid International Conference on Aerospace and Mechanical Engineering, ICAME18 IOP Publishing 1355 2019 012010 25 Recent advances in loop heat pipes : A review IOP Conference Series: Materials Science and Engineering IOP Publishing 396 2018 012060
doi:10.1088/1757-899X/396/1/012060 26 Performance improvement of solar air heater using jet impingement cooling: an experimental study International ISHMTASTFE Heat and Mass Transfer Conference pages 553-558 DOI: 10.1615/IHMTC2021.830 27 Numerical investigations on a proton exchange membrane fuel cell of active area 50 cm² IOP Conf. Series: Materials Science and Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering 396 2018 012056
doi:10.1088/1757-899X/396/1/012056

Conferences Seminar	International Conferences S. No.	Title of the Paper	Authors Name of the Conference	Venue	Date
1	Experimental investigations on vortex tube hot end	Rajesh Baby and E.V.S.Namboodiry	14th ISME International conference on Mechanical Engineering in Knowledge Age	Delhi College of Engineering, New Delhi.	12 to 14 December 2005
2	Smart materials and structures A review	Rajesh Baby, Ramesh Krishnan S and Thomas Joseph	International conference on recent developments in Structural Engineering	MIT, Manipal, Karnataka	Aug07
3	An experimental performance evaluation of nozzles used in vortex tubes	Rajesh Baby, E.V.S. Namboodiry and Thomas Joseph	15th ISME International Conference on New Horizons of Mechanical Engineering	Rajiv Gandhi Technological University, Bhopal.	March 18 20, 2008
4	Improving the performance of portable electronic equipment using finned heat sinks filled with phase change materials	Rajesh Baby and C Balaji	21st National and 10th International ISHMTASME Heat		

and Mass Transfer Conference IIT Madras, Chennai.27th to 30th December 2011 5 Experimental investigations on metal foam based PCM filled heat sinks in free and forced convection Srikanth. R Rajesh Baby and C Balaji 22rd National and 11th International ISHMTASME Heat and Mass Transfer Conference IIT Kharagpur, India 6 Numerical investigations on flow channel of bipolar plate in Proton Exchange Membrane fuel cell Jobin Sebastian, P. Karthikeyan and Rajesh Baby International conference on Aerospace and Mechanical Engineering T.K.M. College of Engineering Kollam, Kerala 14th to 16th December 2015 7 Performance enhancement of heat sink with phase change nano matrix Jest Thomas, Venkitaraj K.P and Rajesh Baby 23rd National Heat and Mass Transfer Conference and 1st International ISHMTASTFE Heat and Mass Transfer Conference IHMTTC2015 VSSC, Thiruvananthapuram,Kerala 17th to 20th December 2015 8 Effect of bipolar plate flow channel on the performance of a proton exchange membrane fuel : A numerical study Juvan Josias Thattil, Sanson Regi Mathew,Vyshak S and Rajesh Baby 7th International Symposium on advances in Computational Heat transfer CHT17 Conference Napoli, Italy 28th May to 01st June 2017 9 Performance evaluation and optimization of Proton Exchange Membrane Fuel Cells Tino Joe Tenson and Rajesh Baby 24th National Heat and Mass Transfer Conference and 2nd International ISHMTASTFE Heat and Mass Transfer Conference IHMTTC2017 BITS Pilani Hyderabad 27th to 30th December 2017 10 Experimental Investigations on 49 cm² serpentine bipolar plate of a Proton Exchange Membrane fuel cell Antony Alex, Austin George, Bijo Thomas, Bonny Mathew Antony, Rajesh Baby 11th International conference on Thermal Engineering : Theory and applications Doha, Qatar. 25th to 28th February 2018 11 Enhancement of the thermal performance of a loop heat pipe using silica water nanofluid Jobin Jose and Rajesh Baby International Conference on Aerospace and Mechanical EngineeringICAME18 T.K.M. College of Engineering, Kollam, Kerala.17th to 19th December 2018

Sl. No.	Title of the Paper	Name of Authors	Name of the Conference	Venue	Date
1	Effect of heat exchanger effectiveness on the performance of a charcoal nitrogen adsorption cryocooler	Rajesh Baby and M. Jose Prakash	13th National conference of Indian Society of Mechanical Engineers	IIT Roorkee.	December 30/31, 2003
2	Stereolithography An investigation on rapid prototyping process	Rajesh Baby and Lijo Paul	All India Seminar on Recent		

Advances in Manufacturing Technologies NIT, Rourkela, 2005

3 An experimental performance evaluation of vortex tube cold end Rajesh Baby and E.V.S National Conference on Energy Management in Changing Business Scenario BITS Pilani, October 08-09, 2005.

4 Water Jet Cutting A trend maker in machining Lijo Paul, Rajesh Baby, Thomas Joseph and Jijo Joseph National Conference on Emerging trends in Mechanical Engineering B.M.S. College of Engineering, Bangalore. 2006

5 An experimental performance evaluation of hot valve used in vortex tubes Rajesh Baby, E.V.S National conference on Refrigeration and Air Conditioning IIT Madras, Chennai, January 08-10, 2009

6 Recent advances in nanobased heat pipes : Review Melvin Philip Mathew, Rajesh Baby National conference on Energy, Economy and Environment NIT Calicut, 16, 17 December 2016

Invited Lectures	Delivered	Sl. No	Title	Topic	Year	Duration	Organizer	
1	Thermal optimization of composite heat sinks using ANN and GA in the Short term training programme on Essentials of optimization techniques in Engineering	13th June 2013	Department of Mechanical Engineering, Government Engineering College, Thrissur, Kerala	2	Phase Change Materials for Aerospace Applications in the AICTE sponsored Faculty Development Programme on Trends and Advancements in Aerospace Engineering	28th October 2013	organized by the department of Mechanical Engineering, Sree Chitra Thirunal College of Engineering, Trivandrum	
3	Artificial Neural Networks for PCM based composite heat sinks in the AICTE sponsored Faculty development programme on Engineering Optimization : Methods and application	3rd March 2014	Department of Mechanical Engineering, Rajiv Gandhi Institute of Technology, Pampady, Kottayam	4	Optimization of PCM based heat sinks: An ANNGA Approach in the Short term training programme on Optimization techniques in Engineering Research	30th July 2016	The department of Mechanical Engineering, College of Engineering Perumon	
5	Measurement of Temperature in the Short term training programme on Measurement techniques in fluid and thermal engineering	29th September 2016	Department of Mechanical Engineering, Rajiv Gandhi Institute of Technology, Pampady, Kottayam	6	Thermal management of electronics using phase change material based heat sinks	28th April 2017	Vellore Institute of Technology, Vellore, Tamil Nadu	
Funded Research	Year	Project Title	Funding Agency	Amount	2018	Development of PEMFC stack for domestic applications	ANERT	Rs. 600000

2020 Design and fabrication of Gasifier Stove CERD, APJ Abdul Kalam Technological University Rs. 50000 2021 Experimental Investigations on NanoEnhanced Phase Change Materials for latent heat storage applications Science and Engineering Research Board SERB, Govt. of India Rs.15, 10,615 2021 Design and developement of an Origami inspired Gripper for picking objects of variable geometry CERD, APJ Abdul Kalam Technological University Rs. 32000 2021 Experimental Investigations on Nano enhanced Phase Change Materils for latent heat storage applications Science and Engineering Research Board SERB Rs. 18,30,000 2022 Design, fabrication and implementation of PCMs based passive cooling system for Thermal Management of Liion Batteries used in Electric Vehicles ANERT Rs.15, 10,615 2022 Development of an automatic height adjusting pillow to relieve chronic neck pain cervicalgia CERD, APJ Abdul Kalam Technological University Rs. 45000 2023 Smart Bed, A self adjustable bed for bedridden patients to prevent bedsore CERD, APJ Abdul Kalam Technological University Rs. 36500

Rinu Treesa George SJ CET Palai Rinu Treesa George Software Development Center 20230811T12:20:1100:00 Prof. Rinu Treesa George Assistant Professor Department of Civil Engineering Mobile Number: 91 9496015183 Email: rinutreesageorgesjcetpalai.ac.in Date of joining: 01082023 Education Experience MOOC courses Education CourseSpecilizationCollegeUniversityYear of Passing M.Tech SECM SJ CET Palai APJAKTU 2020 B.Tech Civil Engineering SJ CET Palai MGU 2018 Experience Name of college DesignationDate of joiningDate of relieving TOMS COLLEGE OF ENGINEERING KOTTAYAM ASSISTANT PROFESSOR 01032021 19082022 MOOC courses NATURAL HAZARDS MARCH 2020 By NPTEL

Rose Mary John SJ CET Palai Rose Mary John Software Development Center 20230714T10:46:4100:00 Ms. Rose Mary John Assistant Professor Department of Science and Humanities Mobile Number:9930932884 Date of Joining: 01082019 Nature of association: Regular Education Experience Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 MSc Mahathma Gandhi University, Kottayam S.B College, Changanassery

2005 Mathematics 2 BSc Mahathma Gandhi University, Kottayam B.K,College Amalagiri 2003
Mathematics 3 MEd Mahathma Gandhi University, Kottayam Mangalam college of Education
Ettumanoor 2010 Mathematics Experience Teaching Experience : 11 years 8 Months

Rinu Sara Cherian SJ CET Palai Rinu Sara Cherian Software Development Center
20230822T03:32:3800:00 Prof. Rinu Sara Cherian Assistant Professor Department of Civil
Engineering Mobile Number: 91 9562874955 Email: rinusaracheriansjcetpalai.ac.in Date of joining:
16082023 Education Experience FDP attended Publication Education Degree Specialization
InstitutionUniversityYear of passing BTech Civil Engineering GISAT Payyapady MGU 2017 MTech
SECM AJCE Kanjirappally KTU 2021 Experience Name of college industry:DesignationDate of
joiningDate of relieving Royal College of Engineering and Technology RCET Assistant Professor
1592021 1482023 FDP attended Participated in KTU Sponsored 3day Faculty Development
Program on Sustainable Solutions to Environmental Water Quality Issues organized by Department
of Civil Engineering, RCET from 1912023 to 2112023. Publication Review on design and
optimization of Functionally Graded Lattice Structure IJIRSET

Revathy A S SJ CET Palai Revathy A S Software Development Center 20241029T04:06:0500:00
Prof. Revathy A S Assistant Professor Department of Computer Science and Engineering Cyber
Security Mobile Number: 91 9497421510 Email: revathysjcetpalai.ac.in Date of joining SJ CET:
172024 Education Experience Conference FDP Workshops Participated Education SI
noQualificationUniversityInstitutionYear of passingspecialization 1 Diploma Kerala Technical
University Govt. Polytechnic College Perumbavoor 2011 Computer Science and Engineering 2
B.Tech CUSAT College of Engineering Kidangoor 2014 Computer Science and Engineering 3
M.Tech KTU College of Engineering Kidangoor 2022 Computer and Information Science Experience
SI noName of CollegeIndustryDesignationPeriod 1 College of Engineering Kidangoor Assistant
Professor 13102022 to 09052024 Conference A Survey on Text Recognition From Natural Scene
Images. Research paper published in International Journal of Engineering Research Technology

IJERT NCREIS 2021 Volume 09 Issue 13 Text Detection and Recognition From Signboards with Hazy Background. Published in National conference on Recent Trends in Engineering NATCON21 2021 proceedings. A Survey on Traffic Sign Classification and Recognition Methods. In: The second edition of International Conference on Next Generation Intelligent SystemsIEEE ExploreICNGIS 2022. An AI Assisted Virtual Travel Agent A Literature Survey International Research Journal of Modernization in Engineering Technology and ScienceIRJMETS.volume:05Issue:05 May2023. AI TRAIID: An AI Assisted Trip Advisor International Research Journal of Modernization in Engineering Technology and ScienceIRJMETS FDP SI. NoName of TrainingWorkshopYear Date DurationOrganizer 1 DATA ANALYTICS A handson Experience 15032021 to 190320215 day College of Engineering Kidangoor 2 Network Security Tools and Implementation January 7, 1900 Vimal Jyothi Engineering College Department of Computer Science and Engineering Cyber Security 3 Artificial Intelligence and Robotics 15072024 to 190720245 day Mahaguru Institute of Technology Department of Artificial Intelligence and Machine Learning. Workshops Participated 2 Weeks Instructor Led Live Online Industrial Training ProgramOn Artificial Intelligence Machine Learning Using Python

Rosin C. Jacob SJ CET Palai Rosin C. Jacob Software Development Center 20240806T11:17:4100:00 Dr. Rosin C. Jacob Assistant Professor MBA Mobile Number: 91 9446922099 Email: rosinsjcetpalai.ac.in Date of Joining:05.10.2007 Association with Institution:Regular Education Experience FDP National International Conferences Publications Education SI.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech M.G. University R.I.T, Kottayam 1999 Electronics Communication 2 MBA CUSAT School of Management Studies 2002 Finance Marketing 3 Ph.D Mahatma Gandhi University School of Management and Business Studies 2024 Management Studies Experience Date of joining SJ CET : 05102007 Status as on date of joining : Lecturer Present status : Assistant Professor Previous Experience Teaching Experience : 17 years FDP SI.NoName of TrainingWorkshopYear Date, DurationOrganizer 1 Teaching Excellence and Methodologies 1952008 to 24052008 ISTE 2 FDP on Excellence in

Nurturing Managerial Skills: Innovative Approaches 30th November 2009 to 4th December 2009
 SMBS, MG University, Kottayam 3 National Workshop on Derivatives 17th April to 18th April, 2009
 Albertian Institute of Management 4 FDP on Management Teacher 2015: New Age Teacher 12th
 July 2012 Association of Indian Management Schools 5 Workshop on Research Reporting and
 Reference Management Tools 19th March 2014 CUSAT 6 International seminar on Research
 impact, Publishing and Profiling 3rd January 2014 CUSAT 7 International Conference on India's
 External Sector: Challenges and Strategies 5th 6th February 2014 Marthoma School of
 Management Studies 8 Six day National Level Faculty Development Program on Financial Options
 and Strategies 26th February to 3rd March 2021 SMS, CUSAT 9 STTP on Guidance Counselling
 08022021 to 13022021 SJCET 10 FDP on Management Information System Sep Dec 2020 NPTEL
 11 FDP on Project Management for Managers June Nov 2019 NPTEL 12 FDP on outcome based
 Training Quality Assurance in Teaching 28th September to 4th October 2020 AICTE 13 Online
 Development on Program Analytics Sep 2022 IIM Visakhapatnam 14 Faculty Development
 Programme on Advanced Certificate Programme in Academic Research and Data analysis March
 2021 September 2021 IIM Kozhikode 15 Employability skills for Youth 30th January 2023 3rd
 February 2023 National Institute of Technical Teachers Training and Research, Chennai National
 International Conferences

Sl.No	Title of the Paper	Conference Name	Organizer	Year
1	China: An emerging player in the Global economy	National Conference on Finance Banking	Saintgits Institute of Management	29th August 2009
2	The ails of Primary Agricultural Credit Societies in Kerala	National Seminar on Finance Banking	Marian International Institute of management, Kuttikkanam, Kerala	24th March 2014
3	Fintech adoption: Integrating perceived risk with UTAUT2	Sixth Biennial Conference of Indian Academy of Management	IIM Tiruchirappalli	January 24, 2020
4	FinTech: A systematic literature review	National Conference in Marketing: Marketing in an Economic Downturn	Rajagiri College of Social Sciences	Feb 08, 2020
5	User Acceptance and Use of Fintech Services: An extension of UTAUT2 model	Evolving Business Ecosystem	Emerging Business Models Berchmans Institute of Management Studies	27th February 2020
6	Adoption of Fintech services: A study among consumers of Kerala	4th International Conference on Marketing, Technology Society		

IIM, Kozhikode 79, December 2020 Publications SI.NoTitleJournal Conference ProceedingsISBN No
 1 Microfinance: Redefining the future Managerial Challenges in Business 9788192030326 2 A study
 of financial performance of PACS in Kerala Conference proceedings of UGC Sponsored National
 seminar on Multivariate Analysis in Commerce and Management Research 9788192504735 3
 Adoption of Fin Tech services: Review of literature, National Conference on Insights in Marketing
 2020 proceedings 9789353964177 4 Adoption of Fin Tech services: A study among consumers of
 Kerala 04th International Conference on Marketing, Technology Society 2020 ISBN :
 9789354197482 5 Inclusive Innovation: Framework to understand intention to use Unified Payment
 Interface among low income consumers in India Journal of the Asiatic Society of Mumbai UGC Care
 listed journal ISSN : 09720766 6 Understanding Factors Affecting UPI Adoption among LowIncome
 Consumers in India: Indian Journal of Finance, Volume 18, Issue 7, pp 4459. 2024Scopus Indexed,
 ABDC listed ICI Indexed UGC listed Journal. ISSN 0973 8711

Rincy Merin Varkey SJCT Palai Rincy Merin Varkey Software Development Center
 20230802T07:21:4700:00 Prof. Rincy Merin Varkey Assistant Professor Department of Electronics
 and Communication Engineering Mobile Number: 91 8075362019 Email:
 rincymerinvarkeysjcetpalai.ac.in Date of joining SJCT: 23082011 Association with the institution:
 Regular Education Experience Memberships FDP Publications STTPFDP Conference
 SeminarsWorkshops attended Education SI.NoQualificationUniversityYear of passingSpecialization
 1 B.Tech CUSAT University 2007 Electronics Communication 2 M.Tech Karunya University 2011
 VLSI Design 3 Ph.D APJ Abdul Kalam Technological University ongoing Wireless Communication
 Experience Date of joining SJCT : 23082011 Status as on date of joining : Assistant Professor
 Present status : Assistant Professor Memberships Name of the InstitutionMembership IDNo ISTE
 LM 90153 IEEE 92273666 FDP SI. NoName of TrainingWorkshopYear Date DurationOrganizer 1
 Internet of Things 2018, 13th June 17th June Aester India PVT. LTD 2 CMOS,Mixed Signal and
 Radio Frequency VLSI Design 2017, 13th January to 4th February IIT Khargpur 3 Twoweek ISTE
 on Technical Communiation 2015, 8th October to 11th November IIT Bombay 4 ISTE STTP in

Challenges in Space Technology 2014, 23rd June 27th June SRM University

5 Embedded Android on Beagle Board 2012, 4th December to 7th December TI University Program collaborated with Cambridge Institute of Technology Publications International Conferences

Sl.No.	Title of the Paper	Name of the Conference	Venue	Date
1	Security Monitoring Approach for Embedded System	International Conference for VLSI, Communication and Instrumentation ICVCI 2011	Saintgits College,	

Sl. No	Title of Paper	Name of journal	Publisher	Year,	Volume	ISSN	ISBN
1.	Memory Attack Detection of Cryptographic Algorithm Design and Implementation of Multi Select Smart Vending Machine Implementation of Gesture and Advances in Network Security and Applications	Communications in Computer and Information Science	International Journal of Computer Networks and Wireless Communications	International Springer	Volume 196,	2011,	pp 194 203
2.	Touch Screen based password for more secure authentication with wireless communication High Performance WG Stream Cipher Using Kartsuba Multiplier	Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	International Journal Of Current Engineering,	Vol 1,	issue 9	December 2013	ISSN:2321 2004
3.	4.	Touch Screen based password for more secure authentication with wireless communication High Performance WG Stream Cipher Using Kartsuba Multiplier	Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	International Journal Of Current Engineering,	Vol 5,	issue 6	December 2015
3600	3605	STTPFDP	Conference Seminars	Workshops	attended	Completed	a 4 week NPTEL course conducted by IIT Madras from 23rd January to 17th February 2023. Completed a 5 weeks MOOCS online course on Guidance and Counselling from 20th to 26th June 2023 which was jointly organised by ISS COLLEGE OF TEACHER EDUCATION PERINTHALMANNA, KERALA and INTER UNIVERSITY CENTRE FOR DISABILITY STUDIES IUCDS MAHATMA GANDHI UNIVERSITY .KOTTAYAM
Attended a virtual workshop on 6G wireless communication in Theory Practice joined organized by IEEE COM Society and Department of ECE, Thyagaraja College of Engineering on 29th 31st October 2021 Attended AICTE sponsored 6 day STTP on IOT and Data Science conducted by Department of ECE , SJCET Palai from 28/12/2020 to 2/1/2021. Attended STTP on Scientific Computing with Python sponsored by TEQIP II and organized by Department of Electronics and Communication Engineering, RIT Pampady from 9th to 20th November 2020. Attended a five day FDP on Recent Advances on Communication and Networking sponsored by							

TEQIP II and organized by Department of ECE, Government College of Engineering, Idukki from 28th September to 3rd October 2020 Attended FDP on Machine Learning for Engineers sponsored by TEQIP II and organized by Department of Electronics and Communication Engineering, RIT Pampady from 3rd to 5th December 2019 Attended FDP on Advances in Wireless Communication sponsored by KTU and organized by Department of Electronics and Communication Engineering, Mar Baselios College of Engineering and Technology, Nalanchira from 8th to 12th July 2019. Attended a 12 week NPTEL online class on Principles of Modern CDMA/MIMO/OFDM Wireless Communication from August 2019. Attended a workshop on Internet of Things organized by Aester India Pvt. Ltd. On 2018, 13th June to 17th June. Attended a workshop on CMOS, Mixed Signal and Radio Frequency VLSI Design organized by IIT, Khargpur via Moodle on 2017, 13th January to 4th February. Attended a workshop on Two week ISTE on Technical Communication organized by IIT, Bombay via Moodle on 2015, 8th October to 11th November. Attended a workshop on ISTE STTP in Challenges in Space Technologies organized by SRM University on 2014, 23rd June to 27th June. Attended a workshop on Embedded Android on Beagle Board organized by TI University Program collaborated with Cambridge Institute of Technology, Bangalore on 2012, 4th December to 7th December. Attended a two day ISTE workshop on AKASH for education organized under National Mission on Education through ICT/MHRD on 10th to 11th November 2012

Rinu Rachel Varughese SJ CET Palai Rinu Rachel Varughese Software Development Center
 20190110T05:55:1500:00 Prof. Rinu Rachel Varughese Assistant Professor Department of
 Computer Science Applications Mobile Number: 91 9746124029 Email: rinu.rachelsjcetpalai.ac.in
 Date of Joining: 01.08.2014 Nature of association: Regular Education Experience Memberships FDP
 Education Sl. No Qualification University/Institution Year of passing Specialization 1 BSc Computer
 Science M.G UNIVERSITY COLLEGE OF APPLIED SCIENCES, IHRD, PUTHUPPALLY 2001
 Computer Science 2 MCA PERIYAR UNIVERSITY VIVEKANANDHA COLLEGE, ERODE 2004
 Computer Applications Experience Previous Experience Industrial Experience : 8 YEARS Teaching
 Experience : 6.5 YEARS Sl. No Name of the college/Industry Designation Experience Years Months 1

Kott Software Pvt Ltd SENIOR SOFTWARE ENGINEER 4 2 Amlaki Information Systems
 ANALYSIS SYSTEM ANALYST 4 3 College of Applied Science, I.H.R.D, Payyappady Lecturer 1 4
 Govt. Polytechnic Managed by I.H.R.D, Mattakkara, Kottayam Computer Programmer 1
 Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE LIFE MEMBER
 LM 104071 FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 INTRODUCTION
 TO DESIGN OF ALGORITHMS 25.05.2015 TO 30.05.2015 IITR KHARAGPUR 2 STEP 2
 RESEARCH 19,20. 09.2014 DEPT OF MCA, AJCE 3 PURSUE, PUBLISH, PROSPER 30.03.2016
 ISTE STAFF CHAPTER, SJCET

Roy Sebastian SJCET Palai Roy Sebastian Software Development Center
 20231006T10:19:2500:00 Mr. Roy Sebastian Assistant Professor Department of Science and
 Humanities Mobile Number:9048988652 Email: roysebastiansjcetpalai.ac.in Education
 Memberships Experience Training Workshops Education Sl.NoQualificationUniversityInstitutionYear
 of passingSpecialization 1 B.Sc University of Kerala St. Thomas College Palai 1983 Chemistry 2
 M.A Mahatma Ghandhi University St .Thomas College Palai 1985 English 3 B.Ed Mahatma Gandhi
 University St. Thomas College Palai 1987 English 4 PGDTE CIEFL, Hyderabad CIEFL 1991 English
 5 Assessor RQF Edexcel London EWA Bahrain 2010 Assessing Candidates Memberships Sl.
 NoName of InstitutionType of MembershipMembership IDNo 1 Toastmasters International Since
 2004 PN00738940 Experience Sl. NoName of the collegeIndustryDesignationExperience Years
 Months 1 St. Georges College Aruvithura Lecturer 1 year 2 Devamatha College , Kuravilangad
 Lecturer 12 years 3 The Indian School, Bahrain PGT 5 years 4 Electricity Water Authority, Bahrain
 Lecturer 15 Years Training Workshops 1.AICTE SponsoredAQIS Training Programme onOutcome
 Based Education For Technical Institutions Phase II:Outcome Based Education Autonomy 2.UGC
 Sponsored National Seminar On Graph Theory Modelling 3.NBHM SERB sponsored National
 Seminar On TOPics in Algebra 4.1stInternational Conference on Sciences,Engineering,Technology
 and Social SciencesICSETS 2017 5.2ndInternational Conference on
 Sciences,Engineering,Technology and Social SciencesICSETS 2018 6.3rdInternational Conference

Roshan Anna John SJ CET Palai Roshan Anna John Software Development Center
20190112T02:54:4100:00 Prof. Roshan Anna John Assistant Professor Department of Electronics
and Communication Engineering Mobile Number: 91 9497487456 Email:
roshanjohn92annagmail.com Date of joining SJ CET: 19072018 Association with the institution:
Contract Education Education Show entries Search: Sl. NoQualification University Institution Year of
passing Specialization 1 B.Tech M.G University St. Josephs College of Engineering and
Technology, Palai 2014 Electronics and Communication Engineering 2 M.Tech CUSAT School of
Engineering,Kalamassery 2018 Wireless Technology Showing 1 to 4 of 4 entries

Sanju Sebastian SJ CET Palai Education Sl.NoQualificationUniversityYear of passingSpecialization
1 B.Tech M.G. University,Kottayam 2009 Electronics and Communication 2 M.Tech Kerala
Univeristy 2012 Signal Processing 3 Ph.D. Kerala Technological University, Thiruvananthapuram
Ongoing BioMedical EngineeringOngoing Experience Date of joining SJ CET : 14072014 Status as
on date of joining : Assistant Professor Present status : Assistant Professor Sl. NoName of the
collegeIndustryDesignationExperience Years Months 1 Mangalam College of Engineering,
Ettumanoor Assistant Professor 1 year 8 months Memberships Sl. No Name of Institution Type of
Membership Membership ID 1 ISTE Life Member LM 104082 STTPFDP Conference
SeminarsWorkshops participated 1. Demystifying the DSP kit DSK6748 Organized by Starcom
Infotech at SJ CET Palai on 15 th March 2023 2. Biomedical Signal and Image Processing: A
handson approach Organized by Dept. of ECE , NIT Trichy during 2228 AUG 2022 3. Deep
Learning and PYNQ Framework organized by Core EL Technologies, Bangalore during 24th to 28th
June,2019 4. FDP on Computer Vision and Image Processing organized by Electronics and ICT
Academy IIT Roorkee during December 2020. 5. Recent Advancements in Communication
Networking organized by Dept. of ECE, GEC Idukki During 28th Sept to Oct 3rd 2020 6. Artificial
Intelligence and Machine Learning for Biomedical Applications Organized by Department of

Biomedical Engineering, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur during 13th to 24th July,2020. 7. FDP on DATA SCIENCE organized by Department of Computer Science and Engineering, College of Engineering Trivandrum during 1st to 5th July 2019 8. STTP on Optics and optical communication. Organized by College of Engineering, Kidangoor, during 70317 to 090317, 2017. 9. FDP on Laboratory course in power electronics and digital signal processing, organized by Dept. of ECE, MACE Kothamangalam during 4th ,5th 7th Aug ,2017. 10. Twoweek ISTE STTP on Technical Communication organized by Indian Institute of Technology, Bombay, during Nov 30 Dec 5, 2015 11. Solid State Control of Electric Drives through ICT, Organized by NITTTR, Chandigarh, 21072014 to 25072014, 2014 Conference SeminarsWorkshops Attended 1. Presented a paper Pixel Classification based video object tracking for video surveillance applications in NCTT, organized by College of Engineering, Trivandrum, 2012. Research Development Received AI for Earth Microsoft Azure Compute Grant worth USD 15000 for the project Identification and classification of diseasepest infestationsNutrient deficiency in the South Indian Agricultural belt Using Artificial Intelligence Publication with Google Scholar Citations Cherian, AnnMaria, and Sanju Sebastian. Automatic localization and recognition of perspectively distorted text in natural scene images. 2016 International Conference on Emerging Trends in Engineering, Technology and Science ICETETS. IEEE, 2016. James, Manju, et al. A Review on Automotive Radar. iManagers Journal on Instrumentation Control Engineering 2.4 2014 Published a paper Pixel Classification based video object tracking for video surveillance applications in NCTT, organized by College of Engineering, Trivandrum, 2012. Training Conducted Conducted and training program DSP TMS320C6748LCDK and its Application at MBC Peermade during 8th February 2023 MOOOnline Certifications 1. Problem Solving Introduction to Programming in CNPTEL during September 2019 2. Programming for Everybody Getting Started with Python Coursera during March 2020 3. Python Data Structures Coursera during April 2020 4. Using Python to Access Web Data Coursera during April 2020 5. Capstone: Retrieving, Processing, and Visualizing Data with Python Coursera during April 2020 6. Using Databases with Python Coursera during May 2020 7. Neural Networks and Deep Learning Coursera during September 2020 8. Image

Denoising Using AutoEncoders in Keras and Python Coursera Project during October 2020 9.
 Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning Coursera
 during December 2020 10. Improving Deep Neural Networks: Hyper parameter tuning,
 Regularization and Optimization Coursera during December 2020 11. Structuring Machine Learning
 Projects Coursera during Jan 2021 12. Python for Data Science NPTEL during Jan 2021 13.
 Practical Machine Learning with TensorFlow NPTEL during Jan 2021 14. Convolutional Neural
 Networks Coursera during June 2021 Python for Data Science and Machine Learning Bootcamp
 Udemy during Aug 2021 15. Embedded Systems with 8051 Micro Controller using Embedded
 CUdemy during Aug 2021. 16. Machine Learning using MATLAB MATLAB online course during
 April 2023 17. Deep Learning Using MATLAB MATLAB online course during April 2023

Sajil N Sreedharan SJ CET Palai Sajil N Sreedharan Software Development Center
 20190112T06:05:2600:00 Prof.SAJIL N SREEDHARAN Asst.Professor Department of Mechanical
 Engineering Mobile Number: 9526010608 Email:sajil.n.sreedharansjcetpalai.ac.in Date of joining
 :03012018 Association with the institution: Contract Education Experience FDPSTTP Attended
 Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech
 Mahatma Gandhi Amal Jyothi College of Engineering, Kanjirappally 2015 Automobile Engineering 2
 M. Tech KTU SJ CET, Palai 2017 I.C Engines Energy Systems Experience Industrial Experience : 6
 months Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Techzilon training
 Solutions Internship Trainee 6 months FDPSTTP Attended Sl.NoName of TrainingWorkshopYear
 Date DurationOrganizer 1 1st National Symposium on CFD and FEA 5th 9thMay 2016 Center for
 Research Development ,Viswajyothi College of Engineering Technology ,Kerala and ISTE 2
 Workshop on Climate Change 7th September 2018 SJ CET, Palai 3 One Day workshop on
 Renewable Energy Opportunities and Challenges 9th November 2018 SJ CET ,Palai 4 Interactive
 Session with Experts on renewable energy and Fuel cells 21st April 2018 SJ CET , Palai
 Publications Sl. No.Title of the PaperName of the ConferenceVenue Date 1 Development of tool to
 design piston bowl geometry by considering spray parameters to reduce emissions. RAEREST 2018

Sample Page SJCET Palai Sample Page 20171114T05:40:4500:00 This is an example page. Its different from a blog post because it will stay in one place and will show up in your site navigation in most themes. Most people start with an About page that introduces them to potential site visitors. It might say something like this: Hi there Im a bike messenger by day, aspiring actor by night, and this is my website. I live in Los Angeles, have a great dog named Jack, and I like pia coladas. And gettin caught in the rain. or something like this: The XYZ Doohickey Company was founded in 1971, and has been providing quality doohickeys to the public ever since. Located in Gotham City, XYZ employs over 2,000 people and does all kinds of awesome things for the Gotham community. As a new WordPress user, you should go to your dashboard to delete this page and create new pages for your content. Have fun

Saiju Jacob SJCET Palai Saiju Jacob Software Development Center 20190112T09:38:0000:00 Mr. Saiju Jacob Instructor Department of Mechanical Engineering Qualification:Diploma Date of joining: 15112004 Association with institution: Regular

Sarath Chandran C SJCET Palai Sarath Chandran C Software Development Center 20190112T02:35:5900:00 Prof. Sarath Chandran C Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 9496335335 Email: sarathsjcetpalai.ac.in Date of joining SJCET: 12022012 Association with the institution: Regular Education Experience Memberships FDP Education Sl.No Qualification University Year of passing Specialization 1 B.Tech M G U 2009 Electronics Communication Engg. 2 M.Tech Karpagam University 2011 Wireless communication Experience Industrial Experience : nil Teaching Experience :one year Sl. No Name of the collegeIndustry Designation Experience Years Months 1 Mangalam college of engineering Asst.professor One year Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE Permanent 2 ASME Student FDP Sl. No Name of TrainingWorkshop Year Date Duration

Organizer 1 Course in Power Electronics Digital Signal Processing 3 days M A college of Engineering,Kothamangalam

Sandeep P.S SJCET Palai Education DegreeSpecializationInstitutionUniversityYear of Passing
M.Phil. Mathematics Bharathiar University, Tamilnadu Bharathiar University, Tamilnadu 2019 M.Sc.
Mathematics St. Berchmans College Changanassery Mahatma Gandhi University, Kottayam 2016
B.Sc. Mathematics St. Dominics College, Kanjirappally Mahatma Gandhi University, Kottayam 2014
Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving St. Josephs
College of Engineering and Technology, Choondacherry, Palai. Assistant Professor 31.03.2021
continuing Heera College of Engineering Technology, Nedumangadu,Trivandrum. Assistant
Professor 24.01.2019 30.03.2021 Collegeof Engineering, Munnar. Assistant Professor 08.08.2016
09.12.2016 STTPFDP Conference SeminarsWorkshops attended National Seminar on Number
Theory and Geometry SNTG 2015 organized by Department of Mathematics, St.Berchmans College
in association with IISER,Thiruvananthapuram National Seminar on Topics in Algebra held at
St.Berchmans College, Changanassery. National Seminar on Recent Trends in Analysis, Topology
and Its Applications held at Sanatana Dharma College, Alappuzha. Twoday National Conference on
Algebra, Analysis and Related Topics organized by the PG department of Mathematics and
Research Centre, Payyannur College. National conference on Recent Trends in Applied
Mathematics NCRTAM2018 organized by department of Mathematics Bharathiar University,
Coimbatore. National conference on Computational Topology and Differential Equations
NCCTDE2018 organized by the Department of Mathematics Anna University regional campus and
DRDOBUCLS Bharathiar University Campus, Coimbatore. National Conference on Computational
Biology organized by the department of Bioinformatics and Computational Biology division DRDOBU
center for life sciences, Bharathiar University, Coimbatore National Instructional Workshop on
Cryptology NIWC 2018 organized by the Department of Mathematics Motilal Nehru National Institute
of Technology, Allahabad and Cryptology Research Society of India CRSI. Twoday workshop on
Python Programming organized by the Department of Mathematics, Sacred Heart College,

Chalakudy. Two day workshop on Real Analysis organized by Department of Mathematics, St.Thomas college Autonomous, Thrissur. Induction Training Programme for Teachers jointly organized by ISTE Kerala section and ISTE Chapter SJ CET Palai at St. Josephs College of Engineering and Technology, Palai during Jan 37, 2023. Online Certifications International level WEBINAR ON History of Mathematics, Organized by Department of Mathematics in collaboration with Internal Quality Assurance Cell V.S Patel college of Arts Science, Gujarat Two days webinar on Number Theory and its Application to Cryptography, Organized by Department of Mathematics, The National Institute of Engineering, Mysuru National workshop faculty development program on Upcaling Pedagogy with Moodle, Organized by Don Bosco College, Yelagiri hills, Tamilnadu in collaboration with BoscoSoft Technologies Pvt.Ltd National instructional workshop on Cryptology Organized by School of Computer and System Sciences, JNU, New Delhi Online webinar on Role of Mathematics in Cyber Security Organized by Career Development Centre, Perambra. A twoday International webinar on Algebra, Analysis and Topology , 1314thAugust2020, Bankura University. The National webinar on The Curious Case of Cyber Security , jointly organized by the NAAC Cell and the Internal Quality Assurance Cell of St. Aloysius College Edathua on 22082020. National webinar on An Overview of Cryptography Organized by the Department of Mathematics with Computer Applications, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai. Webinar on A Brief Introduction to Number Theory and Its Application Organized by the Department of Mathematics, Tinsukia College National webinar on Application of Number Theory and Algebra in MEPS Drug Test Computer Science , Korambayil Ahamed Haji Memorial Unity Womens College, Majeri, Malappuram. National Webinar on Rings and Ideals organized by the Department of Mathematics Korambayil Ahamed Haji Memorial Unity Womens College, Majeri, Malappuram International Online Workshop on Initiation in to Linear Algebra organised by the Postgraduate and Research Department of Mathematics, Mar Thoma College Tiruvalla from 28 September 2020 to 3 October 2020. Oneweek online Lecture Series Maths for All organized by the PG Department of Mathematics, Sree Vidyadhi Raja NSS College, Vazhoor, Theerthapadapuram P.O, Kottayam District. AICTE ISTE Sponsored One Week Virtual Refresher Programme on Applied Mathematics

Phase III organized by the Department of Mathematics, M.Kumarasamy College of Engineering, Karur, Tamilnadu. 2021 AICTE sponsored ATAL FDP on Cyber Security Oversight for Information Protection organized by the Department of Computer Applications, Cochin University of Science and Technology Kerala. the KTU sponsored online FDP on Outcome Based Education with Assessment and Evaluation from 26th July to 30th July 2021 organized by Dept. of Electronics and Communication Engineering, Sahrudaya College of Engineering and Technology, Kodakara, Thrissur, Kerala Webinar on Block Cipher Primitives: Design Analysis organized by C.R. Rao Advanced Institute of Mathematics, Statistics and Computer Science AIMSCS, UoH Campus, under DRDO sponsored project on 3rd September, 2021. Webinars 2022 QThursday webinar series on How to use quantum to solve real world problems organized by IIIT, Kottayam Feb 2022 INTERNSHIP 2021 Completed internship programme on A STUDY ON PUBLIC KEY CRYPTOGRAPHY AND SIGNATURE SCHEMES FROM pADIC LATTICES at the Indian Institute of Information Technology Kottayam, during the period from 27th June 2021 to 27th. December 2021.

Saritha M S SJCET Palai Saritha M S Software Development Center 20241114T06:49:3800:00 Prof. Saritha M S Assistant Professor Department of Artificial Intelligence and Data Science Mobile Number: 91 9846506714 Email: sarithasjcetpalai.ac.in Education Experience Publications FDP STTP conferences Seminars Education Sl.No Qualification Institution Specialization Year of passing 1 M.Tech Govt. Engineering College Hill, Trivandrum, Barton IT Network Engineering 2018 2 B. Tech College Of Engineering, Cherthala Computer Science Engineering 2016 Experience Sl.No Institution Position held Period 1 St. Kuriakose Public School, Kaduthu rathy Teacher in Computer science department 16202031042022 2 BTC College Of Engineering and Technology, Koothattukulam Assistant professor 1120193112020 3 St. Josephs College of Engineering and Technology, Palai Assistant Professor 16042022 14082024 Publications Published paper A novel Approach for detecting , extracting and ranking based search for algorithms in bigdata on IJCSM Vol.10.Issue.4.2024.ISSN:24551910 FDP STTP conferences Seminars Attended and presented paper on Using deep learning to extract algorithmic metadata from entire academic

documents was presented in the Sixth International Conference on Advances in Electrical and Computer Technologies 2024 ICAECT 2024 organised by Sengunthar Engineering College Autonomous Tamil Nadu. Attended and presented paper on A novel Approach for detecting ,extracting and ranking based search for algorithms in bigdata 4th International conference on Recent trends in Engineering and technology held at Coimbatore. Attended National Conference on recent trends in computing and communication NCRTCC 2018 held at Adisankara college, Kalady from 26 Feb to 27 Feb 2018 for 2 days. Attended fifth National conference on emerging technologies NCET 2016 held at Govt Engineering College, Barton hill, Trivandrum from 19 Aug to 20 Aug 2016 for 2 FDP on one week national level faculty development programme CLOUD INFRASTRUTURE AWS from 21 to 25 August 2023.

Sachin Jose SJCET Palai Sachin Jose Software Development Center 20230731T07:12:3900:00
 Prof.Sachin Jose Assistant Professor Department of Mechanical Engineering Mobile Number:
 9446383525 Email:sachin.josesjcetpalai.ac.in Date of joining :1st January 2016 Association with the
 institution: Regular Education Experience Memberships FDPSTTP Attended Publications Education
 Sl.No Qualification University Institution Year of passing Specialization 1 B.E Karnatak University
 B.E.C Bagalkot 2000 Mechanical 2 M.E Annamalai University CCET,Pudukkottai 2014
 Manufacturing Engg Experience Industrial Experience : 10 years Teaching Experience : 3 years 11
 months Sl. No Name of the college/Industry Designation Experience Years Months 1 KLN
 Engineering,Bangalore QAQC Engineer 6 months 2 NOLAPL Singapore Marine EngineerOfficer 5
 years 3 Bureau Veritas Quality International Industrial Surveyor 2.5 years 4 CUCEK,Pulinkunnu
 Lecturer 6 months 5 Innopack polymer packaging pvt ltd Partner 1.5 years 6 St.Josephs college of
 engg Tech Lecturer 1 year 7 Joseph Rubbers India pvt ltd GM 1 year Memberships Membership in
 Professional Bodies : SAE india FDPSTTP Attended Sl. No Name of TrainingWorkshop Year Date
 Duration Organizer 1 Eicher Handson heavy duty vehicle training programme 27112017 to 5122017
 Amaljyothi collegeeicher center for automobile tech. 2 ISTE workshop on heat transfer 29 nov
 201110th dec 2011 IIT Bombay 3 National Instruments Engg Education Research seminar 6 Nov

2017 National Instruments Systems india pvt ltd 4 Workshop on NBA Accreditation June 2018
 SJCET Palai 5 Workshop on ISO 9001:2015 28 June 2018 SJCET Palai 6
 Workshop Pursue, Publish, Prosper 30 March 2016 ISTE chapter, SJCET 7 RAEREST 2016 22, 23
 April 2016 SJCET, Palai 8 Workshop on AI in Climate science 7 September 2018 MEA, ISME,
 SJCET 9 Recent advances in Manufacturing Engineering 2019, 5 days APJAKTU SJCET Pala 10
 Emerging Process in Product Design Development 2020, 1 day Dassault Systemes Foundation 11
 Fundamentals of Manufacturing Processes , 8 Weeks NPTEL online Certification 12 KTU FDP:
 Additive Manufacturing and 3D Printing 2021, 3 days KTU, SJCET Palai Publications International
 Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year	Volume	ISSN/ISBN No.
1	Experimental study on Abrasive Jet Drilling on Glass Material	Today: Proceedings	5	2018	Science Direct	55P2

National Conference

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	An RPR based dematel technique	Emerging trends in mechanical engg mechatronics	10	11th march 2014

National Conference

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	An RPR based dematel technique	Emerging trends in mechanical engg mechatronics	10	11th march 2014

Sabarinath G SJCET Palai Sabarinath G Software Development Center 20230916T06:15:5600:00
 Prof. Sabarinath G Assistant Professor Computer Science Engineering Cyber Security Mobile
 Number: 91 9447583520 Email: sabarisjcetpalai.ac.in Date of joining SJCET: 12/08/2003 Association
 with the institution: Regular Education Experience Memberships FDP Conferences
 Seminar/workshops organized Publications Session Chair Additional Trainings Technical Talks
 Awards and Achievements Positions Held Education

Sl.No	Qualification	University	Year of passing	Specialization
1	B.Tech	MS	2003	ECE
2	M.Tech	ANNA University	2005	Communication Systems
3	Ph.D	CUSAT	Kochi	Ongoing

Experience Network Engineer Trainee, Information Kerala Mission, Kerala State IT Mission, Trivandrum, from 1st June 2003 to 11th August 2003. Lecturer, Dept. of Electronics and Communication, St. Josephs College of Engineering and Technology, Palai from 12th August, 2003 to 30th September, 2005. Senior Lecturer, Dept. of Electronics and Communication, St. Josephs College of Engineering and Technology, Palai from 1st

October, 2005 to 30th August, 2007. Professor, Dept. of Electronics and Communication, St. Josephs College of Engineering and Technology, Palai from 1st September, 2007 till date.

Memberships

Sl. No	Name of Institution	Type of Membership	Membership ID
1	IEEE	Senior Member	90514319
2	ISTE	Life Member	LM 45541
3	IACSIT	Senior Member	80338944
4	Internet Society	Life Member	
5	ISTD	Life Member	

FDP

Sl. No	Name of Training Workshop	Year	Date	Duration	Organizer
1	Microwave Lab Measurements	2005	1 day Mar		Athanasius College of Engineering, Kothamangalam
2	Teaching Excellence and Methodologies	2005	1 week		ISTE
3	Refresher course on Computer Applications	2005	3 weeks		University of Kerala
4	Computational Tools	2006	1 day		TEQUIP, Govt. of India at College of Engineering, Chengannur
5	ICT in Engineering Education	2007	2 week		Dept. of ECE, College of Engineering Trivandrum
6	Train the Trainer	2007	3 day		Sutherland Global Services
7	Fuzzy Logic tools for Engineers	2008	2 weeks		National Institute of Technology, Calicut
8	Computation, Simulation and Modeling in Electronics Engineering	2008	1 week		SJCET, Palai
9	Advances in Power Electronic Systems	2009	2 day		SJCET, Palai
11	Introduction to Geographic Information Systems and its applications	2009	1 week		CSRE, IIT Bombay
12	Workshop on Microprocessor and Microcontroller Development tools, MEMS NanoTechnology	2009	1 day		FTD Infocom Pvt Ltd, Bangalore
13	Mobile Applications Technology and Business	2009	2 day		IEEE KS, CSI
14	Advances in Image Processing	2009	1 week		SJCET, Palai
15	Train the Trainer program on Softskill Development	2010	3 days		Infosys, Bangalore
16	Advanced Topics on Digital Signal Processing	2010	1 week		National Institute of Technology, Calicut
17	Electronics Education A System Approach	2011	1 week		SJCET, Palai
18	Basic Electronics	2011	2 week		IIT Bombay
19	Aakash for Education	2012	2 days		IIT Bombay
20	Electronics in Medical Diagnosis	2013	2 weeks		AISAT, Kalamasserry
21	Computer Networks	2014	2 weeks		IIT, Bombay
22	Cyber Security	2014	2 weeks		IIT, Bombay
23	Technical Communication for Scientists and Engineers	2014	2 weeks		IIT, Bombay

Conferences Seminarworkshops organized

Sl. No	Title	Topic	Date	Duration	Sponsors
1	NCACS		2007	2 days	SJCET, Palai, CAD Centre
2	IEEE iMAC 4 s		2013	2 days	IEEE
3	RAEREST		2016		ISTE, KSCSTE, Elseiver
4	RAEREST		2018		ISTE, KSCSTE, Institute of Physics Publications

Image Compression Schemes Analyzed in

Proceedings of the National Conference on Emerging Trends in Communication Technology, Comparing Vector Quantization Schemes in Image Compression in Proceedings of the International Conference on Cognition and Recognition, 2005. Image Processing Based Character Area Identification in International Journal of Computational Intelligence Research and Applications, Vol.3, No.2 2009 Web 2.0 in Engineering Education in a the Proceedings of IETE WTETSI, 2010 Implementation and Optimization of Embedded Face Detection System in Proceedings of 2011 IEEE International Conference on Signal Processing, Communication, Computing and Networking Technologies ICSCCN 2011. Skin tone based Steganography in proceedings of The National level conference of on Resent innovation in Computing Technology, 2011. Performance Analysis of Feedback Architecture and Input Feed Forward Architecture in nonideal Low Pass Sigma Delta Modulators in Proceedings of International Conference on Advances in Computing and Communications Workshops, 2012. Implementation of ZigBee Based Train AntiCollision And Level Crossing Protection System for Indian Railways in International Journal of Latest Trends in Engineering and Technology, Vol. 2 Issue 1, 2013. An optimized FPGA implementation of LSB Replacement Steganography using DWT in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 2 Issue 1, 2013. Hardware Implementation of 63. 51 BCH Encoder and Decoder for WBAN using LFSR and BMA in International Journal on Information Theory, Vol. 3, No. 3, July, 2014, arxivabs1408.2908 Overloading prediction in symmetric cross coupled lowpass Sigma Delta Modulators in Elsevier Procedia Computer Science 462015 12231229. DeNoising Aerial Images Using Convex Cone Sparse Recovery in the Extended Abstracts, 28th Kerala Science Congress 2016 10321040. Compressed Sense Sigma Delta Modulators for BioMedical Image Acquisition in Proceedings of 6th IEEE International Symposium on Embedded computing system Design, ISED, 2016. doi: 978150902541116 Compressed Sensing Recovery Algorithms and Applications A Survey in Institute of Physics Conference Series: Material Science and Engineering, 2018 A Noise Reduced Hard Threshold method for Noisy Sparse Reconstruction in Institute of Physics Conference Series: Material Science and Engineering, 2018 A Study on the effect of Substrate on Microstrip Patch

Antenna Performance at International Conference on Energy Environment and Health, 2020. A novel guided reconstruction of Ariel Images with nonlinear sharpening at INFOFEST 2021, 11th annual interdisciplinary symposium of Sree Ayyappa College, Eramallikkara. Design of Life Detection System for Survivor Tracking in Debris, Volume 26, Issue 182021 at the Journal of Chengdu University of Technology. Smart Stage Technique Based Fast Charging: A proposal in SJCTET journal on Engineering and Management, 2021. Design of an ionizerbased mini air purifier system in SJCTET journal on Engineering and Management, 2022. Analyzing the performance of input feedforward in low order nonideal low pass Sigma Delta modulator for ADCS in SJCTET journal on Engineering and Management, 2023.

Session Chair

Sl. No	Name of Conference	Year	Duration
1	IEEE iMAC4S	2013	2013
2	RAEREST	2016	2016
3	RAEREST	2018	2018

Additional Trainings

Attended a oneday training program on Microwave Lab Measurements organized by the Dept. of Electronics and Communication, Mar Athanasius College of Engineering, Kothamangalam, on 12th March 2005. Attended the National Seminar on Maintaining Quality and Relevance in Engineering Education: Issues and Challenges organized by ISTE, St. Josephs College of Engineering and Technology, Palai on 30th April, 2005. Attended a one week training program on Teaching Excellence and Methodologies organized by Indian Society for Technical Education at Maharajas Training Institute, Thrissur from 23rd to 28th May, 2005. Attended a threeweek refresher course on Computer Applications organized by UGC Academic Staff College, University of Kerala, Trivandrum from 29th November to 19th December 2005. Attended TI DSP Symposium organized by MS Cranes Software International Limited on 14th 16th January, 2006. Attended a oneday Workshop on Computational Tools organized by TEQUIP, Govt. of India at College of Engineering, Chenganur on 13th September 2006. Attended a two week seminar on ICT in Engineering Education organized by Dept. of ECE, College of Engineering Trivandrum from 26th Feb 9th March, 2007. Attended a three day Train the Trainer program at Sutherland Global Services from 23rd 25th November, 2007. Attended a National Conference on Geographic Information Systems the Institution of Engineers India, organized by IEEE Kerala Section during 26th 27th November, 2007. Attended a two week MHRDAICTE Faculty Development Program on Fuzzy Logic

tools for Engineers organized by the Dept. of Mathematics, National Institute of Technology, Calicut during 15th 28th June, 2008. Attended one day workshop on Nano Technology Significance and Applications organized by the Dept. of Mechanical Engineering, St. Josephs College of Engineering and Technology, Palai on 7th November, 2008. Attended and coordinated a one week short term training program on Computation, Simulation and Modeling in Electronics Engineering, organized by the Department of Electronics and Communication Engineering, St. Josephs College of Engineering and Technology, Palai during 19th 22nd November, 2008. Attended a National Conference on Web 2.0, 3.0 and beyond at Hotel Residency Tower, organized by IEEE Kerala Section during 28th 29th November, 2008 Attended a two day workshop on Advances in Power Electronic Systems at organized by the Dept. of EEE, St. Josephs College of Engineering and Technology, Palai, during 5th 6th January, 2009 Attended a QIP Short Term Course on Introduction to Geographic Information Systems and its applications organized by CSRE, IIT Bombay during 25th 29th May, 2009. Attended a One Day Workshop on Microprocessor and Microcontroller Development tools, MEMS NanoTechnology organized by the Dept. of ECE, St. Josephs College of Engineering and Technology, Palai in collaboration with FTD Infocom Pvt Ltd, Bangalore on 6th August, 2009. Attended a two day national workshop on Mobile Applications Technology and Business jointly organized by IEEE Computer Society of India on 26th and 27th October, 2009. Attended a short term training program on Advances in Image Processing jointly organized by the Dept. of CSE the Dept. of AEI, St. Josephs College of Engineering and Technology, Palai during 20th 26th November, 2009. Attended an International Conference on Humanitarian Technology Challenges of the 21st Century held at Hotel Uday Samudra, Trivandrum organized by IEEE Kerala Section during 20 21, February, 2010. Attended a Train the Trainer program on Softskill Development organized by Infosys Technologies Pvt. Ltd at the Infosys Bangalore Development Center during 16th 18th June 2010. Attended a two week AICTE Faculty Development Program on Advanced Topics on Digital Signal Processing organized by the Dept. of Electronics and Communication, National Institute of Technology, Calicut during 28th June 9th July, 2010. Attended All India Seminar on Web Technologies: Emerging Trends Social Impacts organized by IEEE, IETE, IEI and CSI on 30th and

31st August, 2010. Attended a National Conference on Smart Grids GRIDCON 2010 organized by IEEE Kerala Section CDAC Trivandrum at Hotel Mascot, Trivandrum during 28th 29th, October, 2010. Attended a oneweek Short Term Training Program on Electronics Education A System Approach organized by the Dept. of Electronics and Communication Engineering, St. Josephs College of Engineering and Technology, Palai during 2nd 6th May, 2011. Attended the PAN India IEEE Gold Officers Meet on June 19th, 2011 Attended Two Week MHRDISTE Workshop on Basic Electronics organized by IIT, Bombay during 28th June 8th July, 2011. Attended a Twoweek ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes conducted by IIT Bombay from 5th November to 4th December, 2011. Attended International Workshop for Engineering Scholars WES organized as part of International Symposium on Electronic Design at Rajagiri School of Engineering on 21st December, 2011. Attended International Workshop on Embedded Computing and Communication Systems organised by the Department of Electronics Communication Engineering, Rajagiri School of Engineering on 22 23rd December, 2011. Attended the Second International Conference on Advances in Computing and Communications held at Rajagiri School of Engineering during 9 11th August, 2012. Attended Continuing Education Congress CEC2 organized by IEEE Kerala Section at School of Electronics, SJCET, Palai during 8th to 12th October, 2012. Attended a Twoday ISTE Workshop on Aakash for Education conducted by Indian Institute of Technology, Bombay on 10th and 11th November, 2012. Attended a Two Week AICTE Sponsored Faculty Development Program on Electronics in Medical Diagnosis from 6th to 17th May, 2013 organized at Albertian Institute of Science and Technology, Kalamasserry. Attended Two Week MHRDISTE Workshop on Computer Networks organized by IIT, Bombay during 30th June to 05th July 2014 Attended Two Week MHRDISTE Workshop on Cyber Security organized by IIT, Bombay during July 10th 20th, 2014. Attended Two Week MHRDISTE Workshop on Control Systems organized by IIT, Kharagpur during 2nd to 12th December, 2014 Attended Two Week MHRDISTE Workshop on Technical Communication for Scientists and Engineers organized by IIT, Bombay during 30th November to 5th December, 2015. Attended a workshop on Pursue, Publish, Prosper organized by ISTE Staff Chapter, SJCET Palai on 30th

March, 2016. Attended the India School of Internet Governance organized by ISOC Delhi and ISOC Trivandrum at the International Institute of Information Technology IIIT, Hyderabad during 31st October 2nd November, 2016. Attended one week Faculty development Program on Digital Filter Design Theory and Practice organized by Dept. of Electronics and Communication Engineering, College of Engineering, Trivandrum during 25th to 30th July, 2016. Attended the Second India School of Internet Governance organized by ISOC Delhi, ISOC Kolkatta and ISOC Trivandrum at Technopark, Trivandrum during 24th to 26th October, 2017. Attended two day training on NBA Accreditation organized by Josephs College of Engineering and Technology, Palai during 18th 19th June, 2018. Attended training course on ISO 9001:2015 Internal Audit organized by Zandig TQM Solutions at SJ CET, Palai on 24th July, 2018. Attended and Organized the First Youth Internet Governance Forum India YIGFIndia at the Indra Gandhi Technical University for Women, New Delhi on 12th October, 2018. Attended the Third India School of Internet Governance organized by ISOC Delhi, ISOC Kolkata, ISOC Mumbai and ISOC Trivandrum at India International Center, New Delhi during 13th to 15th October, 2018 Attended Five days National Workshop on Block Chain Application Development using Hyperledger and Ethreum at National Institute of Technology, Puducherry NITPy during 6th to 10th March, 2019. Attended five day Summer School on Deep Learning organized by the Department of Computer Science and Engineering at National Institute of technology, Suratkal NITKarnataka during 17th to 21st May, 2019. Attended TENCON2019, IEEE, October 2019 Attended and Organized the Second Youth Internet Governance Forum India YIGFIndia at the St. Xaviers University, Kolkata on 14th November, 2019. Attended the Fourth India School of Internet Governance organized by ISOC Delhi, ISOC Kolkata, ISOC Mumbai and ISOC Trivandrum at EchoHub, New Town, Kolkata during 15th to 17th November, 2019. Attended Online Course on Positive Psychology in Coursera authorized by University of North Carolina April 16, 2020. Attended Online Course on Electric Power Systems in Coursera authorized by University at Buffalo in April 18, 2020. Attended Online Course on Learning How to Learn in Coursera authorized by McMaster University in May 6, 2020. Attended an STTP on Scientific Computing with Python from 9th to 25th of November 2020, organized at RIT Pampady, Kottayam. Attended a KTU

sponsored FDP on AI and Data Science A pedagogical Approach from 9th to 13th August 2021 at SJ CET, Pala. Attended an FDP on FACETS of Teaching organized by Centre for National and International Academic Collaborations from 14th June 21 to 20th June 21. Attended an FDP on Advances in Signal Processing organized by Department of Electronics Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram from 4th March 2022 to 8th March 2022. Attended an ATAL FDP on Wearable Devices organized by AICTE and SJ CET from 17th Jan 22 to 21st June 22. Attended an FDP on Advanced Research on Quality Publications at FISAT from 29th August 2022 to 2nd September 2022. Attended an FDP on Emerging trends in power electronics and control for electric vehicle and smart grid organized by the Department of Electrical Engineering, Government Engineering College Palakkad, sponsored by TEQIP II Four Funds during September 19 23, 2022. Attended an FDP on Recent Trends in Grid Integration organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering. From 30th Jan 2023 to 03rd Feb 2023. Attended an FDP on Recent Trends in High Frequency Communications organized by annatgyan.com from 20th Feb to 24th Feb 2023. Attended an online course on Artificial Intelligence: Ethics Societal Challenges: an online noncredit course authorized by Lund University and offered through Coursera certified on March 2023 Technical Talks Role of Communication Engineers in Missile Technology, at the NICE Research and Development Center, Noorul Islam College of Engineering, Tamil Nadu Wireless Application Protocol a review, at the NICE Research and Development Center, Noorul Islam College of Engineering, Tamil Nadu. Cellular Communications a detailed review of past through present, for faculty of St. Josephs College of Engineering and Technology, Palai. An Introduction to GIS for faculty of St. Josephs College of Engineering and Technology, Palai. Wireless Communications presented at the MHRDAICTE Faculty Development Program on Fuzzy Tools for Engineers organized by the Dept. of Mathematics, National Institute of Technology, Calicut. GIS Remote Sensing for faculty of St. Josephs College of Engineering and Technology, Palai. Mobile Applications for faculty of St. Josephs College of Engineering and Technology, Palai. Health Hazards of Cell Phones various lectures with various audience. Digital Hygiene A popular talk on

cybersecurity various lectures with various audience. Brief History of communication technology A popular talk on communication engineering various lectures with various audience. Awards and Achievements Received award for Best Management Support to Engineering constituted by IEEE Kerala Section, 2009 Outstanding Branch Counselor Award of IEEE Kerala Section 2010 Global Outstanding Branch Councilor Award by IEEE MGA, USA 2011. 2015 Outstanding Volunteer Award for exemplary voluntary leadership in carrying out various highprofile responsibilities with remarkable maturity, personifying joy of volunteering, and being a source of inspiration to many young professionals and students, IEEE Kerala Section 2015. Global Young Professional Achievement Award for exemplary contributions in enhancing the studenttoyoungprofessional transition , IEEE MGA, USA 2018 2nd Prize at 3MT Threeminute Thesis Competition organized by Rajagiri School of Engineering Technology, Kochi as part of ICACC 2015 Positions Held Branch Councilor, IEEE SJCET SB 63791 2008 2011 Actively involved and contributed to the planning and execution of various activities related to the technical and professional development of students and in evangelizing IEEE, its vision and mission Vice President of LINK, IEEE Kerala Section 2011 Actively involved in mentoring multiple student branches in Kerala Section by supporting the then Student Activities Chairman. ViceSAC for Kochi Hub, IEEE Kerala Section 2012 Actively involved in mentoring multiple student branches in Kerala Section by supporting the then Student Activities Chairman Secretary, IEEE Kerala Section 2013 2014 Actively involved in the daytoday activities of Kerala Section, maintaining records and supporting various activity leads in their operations all the while ensuring adherence to the vision and mission of IEEE. Lead the Section to being awarded the Outstanding Large Section Award both by IEEE MGA and by IEEE Region 10 simultaneously. Coordinator Section Distinguished Lecture Program, IEEE Kerala Section Treasurer, Internet Society India Trivandrum Chapter 2015 2016 Actively involved in coordinating Distinguished Lecture Programs to all 70 Student Branches in Kerala Section, engaging with students on various fronts and evangelizing technical professional education and professional society activities among students. Actively involved with digital policies by contributing to policy documents to various stakeholders in the ICANN multistakeholder model, all the while maintaining the daytoday financial

activities of ISOC TRV. Actively involved in various phases from conceptualization, planning and execution of the India School of Internet Governance inSIG Student Activities Chairman, IEEE Kerala Section, Secretary, ISOC TRV : Vice President, ISOC TRV 2017 2019 Actively involved in mentoring multiple student branches in Kerala Section. Contributed to attracting more student members and thus increasing the number of student branches in Kerala Section to 91 Ensuring all student activities in Kerala adhere to the vision and mission of IEEE Evangelized Cyber Security, Principles of Cryptography, Encryption techniques and Digital Hygiene over multiple talks at various colleges of Engineering in the state of Kerala Handled handson training sessions related to cyber security in various Engineering Colleges around Kerala Delivered a talk on Digital Hygiene for the students of Delhi Technical University, Delhi Actively involved with the organization, planning and execution of the Youth Internet Governance Forum Y IGF and the India School of Internet Governance inSIG where participants of various age groups students to working professionals are subject to intensive and specific training on the cyber domain, including policies for Internet Governance, Cyber Security, Digital rights, Gender and Age Diversity, Digital Hygiene, Universal Acceptance and so on. Actively involved in the contribution of Draft papers on Universal Acceptance and Cyber Security President, Internet Society India Trivandrum Chapter 2020 2022 Handheld organizations in the use of digital technology for daytoday activities during the Pandemic and beyond Evangelized Cyber Security and Digital Hygiene among students of various age groups, School students to the elderly Actively involved with the organization, planning and execution of the Youth Internet Governance Forum Y IGF and the India School of Internet Governance inSIG where participants of various age groups students to working professionals are subject to intensive and specific training on the cyber domain, including policies for Internet Governance, Cyber Security, Digital rights, Gender and Age Diversity, Digital Hygiene, Universal Acceptance and so on. Handled handson workshops and Technical Talks on PGP, Secure Communication strategies, Cryptography, Network Security, Intrusion and Detection, Cyber Laws, GDPR Compliance etc. for students of various Engineering colleges. Secretary IEEE India Council 2023 Actively involved in the daytoday operations of IEEE India Council Established good rapport with professional office bearers from

various part of the country Initiated discussions with educational institutions to evangelize Digit Hygiene, Cyber Laws and basics of security over the Internet.

Saranya M S SJCET Palai Saranya M S Software Development Center 20190117T09:00:4800:00
Prof. Saranya M S Assistant Professor Department of Civil Engineering Mobile Number: 91 9495517147 Email: saranyasjcetpalai.ac.in Date of Joining:22072013 Nature of association:Regular Education Experience Papers Published Membership Awards and Recognitions Education Sl. No.QualificationUniversityInstitutionYear of passingSpecialization 1 B. Tech M.G. University SNGCE Kadayirippu 2011 Civil Engineering 2 M. Tech Kerala University College of Engineering Trivandrum 2013 Geoinformatics Experience Date of joining SJCET : 22072013 Status as on date of joining : Assistant Professor Present status : Assistant Professor Previous Experience Teaching Experience : 5 years Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 St. Josephs College of Engineering and Technology, Palai Assistant Professor 22072013 till now Papers Published Delineation of potential zones for artificial recharge using GIS in Vamanapuram river basin in the SJCET Journal of Engineering and Management, Vol 2, No.2, JulyDecember 2013. Conference Papers: Presented a paper on Assessment of hydropower potential using GIS in Vamanapuram river basin in the national conference on technological trends at College of Engineering Trivandrum, Thiruvananthapuram during 2013 Membership Life time Member: Indian Society for Technical Education ISTE Awards and Recognitions GATE score holder. Received Stipend under Speed IT scheme for PostGraduation. Received appointment order under Military Engineering Services MES as Junior Engineer civil Scholarship for Doctoral Research, National Doctoral Fellowship NDF under AICTE

Website Team SJCET Palai Website Team 20180407T09:08:5500:00

Seating Arrangements SJCET Palai Seating Arrangements 20211103T03:32:1800:00

Sebastian J Kulathassery SJCET Palai Sebastian J Kulathassery Software Development Center
20230719T09:04:4700:00 Dr.Sebastian J. Kulathassery Visiting Professor Department of Science
and Humanities Mobile Number:94234196269049031535 Email: skulathasserygmail.com Education
Experience Publications Education Ph.D. Gondwana University, Gadchiroli, Maharashtra. M.A.
English Language and Literature, Mahatma Gandhi University Kottayam. B.Ed. RTM Nagpur
University, Nagpur. M.B.A. RTM Nagpur University, Nagpur. B.A. Bangalore University. Experience
Head, Department of English, R.S.Bidkar College, Hinganghat, Wardha Dist. Maharashtra.
Chairman, Board of studies, RTM Nagpur university, Nagpur. Member, faculty of science, RTM
Nagpur university, Nagpur. Chairman, Moderation Committee, RTM Nagpur university, Nagpur.
Chairman, 325 Examination committee of Board of studies, RTM Nagpur university, Nagpur.
Chairman, Affiliation committee, RTM Nagpur university, Nagpur. Member, Subject Expert
committee, RTM Nagpur university, Nagpur. Member, IQAC, R.S.Bidkar College, Hinganghat.
Member, LM.C. Local managing committee, R.S. Bidkar College, Hinganghat. President, NUTA
Nagpur University Teachers Association, Hinganghat unit. Publications Member editorial board of
Text books prescribed by Nagpur University. Published Research papers in international journal of
English Language literature Humanities. Presented many papers in various conferences and
seminars.

sarju SJCET Palai 116th January 2021Applications of AI 23rd January 2020Career in Video Game
Industry 33rd January 2021INSPIRE20 IEDC Zonal Meetup and IEDC Summit Precursor 410th
December 2020Webinar: Why should you get involved in your local tech community 531st October
and 1st November 2020INSENDIUM 6.0 An Ideation Workshop for first year students of St. Josephs
College of Engineering and Technology, Palai 616th 21st November 2020Android Application
Development Workshop 74th October 2020Webinar on Robotic Process Automation 823rd August
2020IEDC Yatra A Virtual Journey to different IEDCs Mar Baselios College of Engineering and
Technology, Trivandrum 910th August 2020Dive into Code A session about IEEEExtreme 14.0
Coding Competition 105th August 2020IEDC Yatra A Virtual Journey to different IEDCs Mohandas

College of Engineering and Technology, Trivandrum 112nd August 2020 Synergy An Induction training programme for newly elected Executive committee of IEDC. 1228th July 2020 Annual General body Meeting 132nd May 2020 Carrier Opportunities in Blockchain 1425th April 2020 Seize Your Opportunity 1512th February 2020 Wednesday Caf Topic: Design Thinking By: Prof. Sarju S, Nodal officer Startup Bootcamp SJCET IEDC 165th February 2020 Wednesday Caf Topic: Digital Marketing By: Mr. Jackson Joseph, PRO SJCET 1729th January 2020 Wednesday Caf Topic: The elevator Pitch By: Dr. Ajith K Thomas, HoD MBA 1825th January 2020 Hackathon 2020 SIH By: MHRD and AICTE 1915th January 2020 Wednesday Caf 2011th 12th October 2019 INSENDIUM 5.0 An Ideation Workshop for first year students of St. Josephs College of Engineering and Technology, Palai 212nd October 2019 Gandhi Global Solar Yathra A student solar ambassador workshop 2019. Hands on training to assemble solar study lamp. 2221st September 2019 NASA Space Apps Challenge State level prelims 237th August 2019 Inspire Precursor Event IEDC Summit 2019 245th August 2019 ROBO KIDS A chit chat with Robo Kids 257th 8th August 2019 Foundation skill in Entrepreneurship 2624th, 25th 26th July 2019 Mobile Application Development using Flutter 2730th April 2019 Effective Presentation Skill and Idea Pitching 2day workshop on presentation skill and idea pitching 2825th 26th February 2019 IoT Application Development Workshop 2916th February 2019 INSPIRE 2019 An awareness to students about IEDC and IDEA FESTs 3012th and 13th October 2018 INSENDIUM 4.0 An Ideation Workshop for first year students of St. Josephs College of Engineering and Technology, Palai 3115th May 2018 Technologia 2018 In connection with National Technology Day 2018, St. Josephs College of Engineering Technology, Palai in association with ENCON Green Club and Startup Bootcamp SJCET IEDC organized a Quiz Competition for HSS Students, sponsored by Kerala State Council for Science, Technology and Environment. 3222nd 23rd March 2018 RELEvent 2018 Recruitment of Emerging LEaders Event Startup Bootcamp SJCET IEDC s 4th Executive Committee Selection 2018 3314th March 2018 to 16th March 2018 Kitco Ltd in association with SJCET School of Management and SJCET Startup Bootcamp organized a three day Awareness Camp on Entrepreneurship. 3417th February 2018 Anonymous One day Cyber Security Workshop. Resource Person : Subhash Babu, Deputy

Commandor, Cyberdom 352nd 3rd February 2018 Kerala Startup Mission, ICT Academy of Kerala and SJ CET Startup Bootcamp jointly organized an Ideation workshop 3619th 20th January 2018 Workshop on Django opensource web framework in Python organized by International Centre for Free and Open Source Software jointly with Swanthra , Mozilla SJ CET and Startup Bootcamp SJ CET IEDC. 3712th Janauary 2018 INtalk Series 4 talk on Agile Methodology, which is an iterative and incremental software development methodology.Organized by Department of Computer Science Engineering Jointly with ACM SJ CET and SJ CET Startup Bootcamp. Resource Person: Mr. U S Vineesh,Wipro Bangalore 3817th November 2017 SJ CET School of Management in association with Startup Bootcamp SJ CET IEDC celebrated the Womens Entrepreneurship Day on 17th November 2017 394th November 2017 Inauguration of Maker SpaceloT Lab , joint initiative by Kerala Startup Mission and St. Josephs College of Engineering Technology, Palai on 4th November 2017 by Dr. Saji Gopinath, CEO, KSUM 404th November 2017 INtalk Series 3 Ms. Tiffany Brar Topic: Disability is not a hindrance to reach the sky 414th November 2017 Organized 6th Idea Day on 4th November 2017 at St. Josephs College of Engineering Technology, Palai. 424th October 2017 SJ CET Bootcamp jointly with Mozilla SJ CET organized Mozilla Firefox Quantum Sprint 4321st September 2017 SJ CET Startup Bootcamp jointly with Lamaara.Technologies A Student Startup incubated at SJ CET Bootcamp is Organizing a one day workshop on Introduction to Internet of Things on 21st September 2017 at IoT Lab 4420th September 2017 INtalk Series 2 SJ CET Startup Bootcamp jointly with Women in Development Cell of SJ CET is organizing a session exclusively for female students about Women Entrepreneurship Opportunities on 20th September 2017 4523rd August 2017 SJ CET Bootcamp jointly with Kerala Startup Mission and KSIDC is organizing out of syllabus, a program which gives an overview about the student entrepreneurship opportunities. 4623rd August 2017 INtalk Series 1 Mr. Abu Mathew Thoppan , CEO , Thopps Technologies Topic: EvE 2 EwE 4718th August 2017 SJ CET Bootcamp jointly with the Department of Industries and Commerce Kerala organized seminar on Entrepreneurship Development. 4818th 19th August 2017 INSENDIUM 3.0 An Ideation Workshop for first year students of St. Josephs College of Engineering and Technology, Palai 4930th March 2017 Annual General Body Meeting of SJ CET

Startup Bootcamp on Thursday, 30th March 2017 5022nd 23rd March 2017Workshop on Introduction to Creative Engineering Design 22nd 23rd March 2017 5110th and 11th of March 20172 day FabXL workshop in association with Kerala Startup Mission KSUM and FABLAB Kerala on 10th and 11th of March 2017 5222nd February 2017Techasthra is a unique technical contest of SJCET Startup Bootcamps Techathlon event conducted as part of ASTHRA 2017 on 22nd February 2017 at St Josephs College of Engineering and Technology,Palai. 5315th February 2017SJCET Bootcamp jointly with Mozilla SJCETorganized on 15th February at Main Block seminar hall at 4pm. 547th and 8th February 2017SJCET Startup Bootcamp jointly with Kerala Startup Mission and ICT Academy of Kerala organized a two day Entrepreneurship Awareness Camp on 7th and 8th February 2017. 553rd January to 7th January 2017.KELTRON Skill Development Center of SJCET Palai jointly with Startup Bootcamp SJCET and Department of Computer Science and Engineering conducted a Training on Internet of Things from 3rd January to 7th January 2017. 563rd January to 7th January 2017.KELTRON Skill Development Center of SJCET Palai jointly with Startup Bootcamp SJCET and Department of Computer Science and Engineering conducted a Training on Android Application Development from 3rd January to 7th January 2017. 5720th 21st October 2016Two Day Workshop INSENDIUM 2.0 585th October 2016Talk on Mozilla 591st October 2016Git Hub DuckDuckGo workshop 6026th September 2016KTU IEDC Cluster 5 Coordinators Meet up 6113th August, 2016One Day IEDC Student Coordinator Meetup 6212th August 2016Meet the Entrepreneur 6322nd , 23rd 24thThree Day Workshop Startup i3 641st 2nd April 2016Two day Workshop INSENDIUM 1.0 6519th 20th February 2016Three Day Workshop on Universal App Development for Windows10 6614th , 15th 16th September 2015Three Day Workshop on Impresario 1.0 6729th July 2015Ideathone

VISHNU RAJ A S SJCET Palai VISHNU RAJ A S Software Development Center 20220712T10:37:1200:00 Prof. VISHNU RAJ A S Assistant Professor Department of Mechanical Engineering Mobile Number: 9562150230 Email: vishnurajsjcetpalai.ac.in Date of joining: 01112021 Education Experience Publications STTP Conference SeminarsWorkshops attended STTP ,

Workshops,FDP,Webinar Education DegreeSpecializationInstitutionUniversityYear of Passing
MTECH AMPM SJCET,PALAI MG 2015 BTECH MECHANICAL MEA ENGINEERING COLLEGE
PERINTHALMAN CALICUT UNIVERSITY 2012 Experience Name of the
CollegeIndustryDesignationDate of JoiningDate of Relieving SHM ENGINEERING COLLEGE
KADAKKAL Asst.Professor 26012016 14072017 MOUNT ZION COLLEGE OF ENGINEERING
Asst.Professor 17072017 01072021 SJCET, Palai Asst.Professor 01112021 till date Publications
SnoName of the PublicationTitle of publicationRemarks 1 Elsevier Publications Science Direct .
OPTIMIZATIONOF CYCLE TIME IN AN ASSEMBLY LINE BALANCING PROBLEM. Procedia
Technology25 201610221029 STTP Conference SeminarsWorkshops attended 1 RAREST 2016
Conference paper :Development of Noise Reduction Panel using Piezoelectric Material. Conference
Proceeding,Procedia Technology25 201610221029 2 AIES 2021 CO chaired a Session with Dr.
RAJEESH 8th 9th Dec 2021 STTP , Workshops,FDP,Webinar NoTitleOrganizersDates 1 Advanced
NDT Techniques for industrial Inspection Indian Society of Technical Education 18th to 23rd
December 2020 2 REVERSE ENGINEERING Jyothi Engineering College Thrissur 31st march and
1st April 2017 3 RESEARCH METHODOLOGY MCET Pathanamthitta 18th May 2016

Shanooga Chandran SJCET Palai Shanooga Chandran Software Development Center
20190110T07:09:3200:00 Prof. Shanooga Chandran Assistant Professor Department of Electrical
Electronics Engineering Mobile Number: 91 9446985248 Email: shanoogasjcetpalai.ac.in Education
Experience Memberships FDP Publications PublicationsJournals Education Sl.No Qualification
University Year of passing Specialization 1 B.Tech M.S.University 2003 Electrical and Electronics
Engineering 2 M.Tech NIT Calicut 2011 Power Systems 3 Ph.D Experience Teaching Experience
:Lecturer in AWH Engineering College,Calicut2 years 8 months Memberships Sl. No Name of
Institution Type of Membership Membership ID 1 Professional Member Power and Energy Society
IEEE 92110548 2 Life Time Member International Association of Computer Science and Information
Technology IACSIT 80342216 FDP Sl. No Name of TrainingWorkshop Year Date Duration
Organizer 1 ISO Internal Audit 24072018 Zandig TQM Solutions 2 Guidance and Counselling

04122017 08122017 ISTE and SJ CET 3 Technical Communication 30112015 4122015 IIT 4 Workshop on Control Systems 212201412122014 IIT 5 Modern Trends in Substation Design June 2014 RIT ,Kottayam 6 Advances in Smartgrid integration April 2014 StGits , Pathamuttom 7 Solid State Control of Electric Drives through ICT 2107201425072014 NITTTR, Chandigarh 8 Creative Teaching 05102013 IITBombay 9 Workshop on Analog Electronics 04062014 14062014 IITBombay 10 CYME Tools 28062011 StGits, Pathamuttom 11 Workshop on Basic Electronics 20052010 21052010 IITBombay 12 FDP on Smart Grid Engineering 220520114062011 NITC 13 FDP on Microgrid and Distributed generation 2106201030062010 NITC 14 Workshop on Advances in power Electronic Systems 0501200906012009 SJ CET, Palai 15 Fuzzy Logic Tools for Engineers 15062008 28062008 NIT Calicut Publications Sl. No Type of publication No. of publications 1 International Journals 3 2 National Journals 3 International conference 4 National Conference 1 4 BooksBook chaptersMonograph 1 PublicationsJournals 1 International Journals 2 National Journals 3 International conference 4 National Conference 4 BooksBook chaptersMonograph Published a book on PreCommission Tests and Commissioning of Electrical Installations International Journals Sl.No Title of Paper Name of journal Publisher Year, Volume ISSNISBN No. 1 A Multimode DCDC Converter for Alternative Energy Conversion Systems IARJSET IARJSET, Volume2, Issue9 2 Torque Response Improvement of Direct Torque Controlled Three Phase Inverter Fed Induction Motor Drive IJREEICE, IJREEICE, Volume3, Issue8 3 Simulation Study of CFSI Based Power Grid System IJAREEIE IJAREEIE Volume5, Issue9

Shanooga Chandran SJ CET Palai Shanooga Chandran Software Development Center 20190114T12:17:0700:00 Prof. Shanooga Chandran Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9446985248 Email: shanoogasjcetpalai.ac.in Date of Joining: 19072006 Appointment: Permanent Education Experience Memberships FDP Publications PublicationsJournals Education Sl.No Qualification University Year of passing Specialization 1 B.Tech M.S.University 2003 Electrical and Electronics Engineering 2 M.Tech NIT Calicut 2011 Power Systems 3 Ph.D Experience Teaching Experience :Lecturer in AWH Engineering

College, Calicut 2 years 8 months Memberships Sl. No Name of Institution Type of Membership
 Membership ID 1 Professional Member Power and Energy Society IEEE 92110548 2 Life Time
 Member International Association of Computer Science and Information Technology IACSIT
 80342216 FDP Sl. No Name of Training Workshop Year Date Duration Organizer 1 ISO Internal
 Audit 24072018 Zandig TQM Solutions 2 Guidance and Counselling 04122017 08122017 ISTE and
 SJ CET 3 Technical Communication 30112015 4122015 IIT 4 Workshop on Control Systems
 2122014 12122014 IIT 5 Modern Trends in Substation Design June 2014 RIT , Kottayam 6 Advances
 in Smartgrid integration April 2014 StGits , Pathamuttom 7 Solid State Control of Electric Drives
 through ICT 21072014 25072014 NITTTR, Chandigarh 8 Creative Teaching 05102013 IIT Bombay 9
 Workshop on Analog Electronics 04062014 14062014 IIT Bombay 10 CYME Tools 28062011 StGits,
 Pathamuttom 11 Workshop on Basic Electronics 20052010 21052010 IIT Bombay 12 FDP on Smart
 Grid Engineering 22052011 14062011 NITC 13 FDP on Microgrid and Distributed generation
 21062010 30062010 NITC 14 Workshop on Advances in power Electronic Systems
 05012009 06012009 SJ CET, Palai 15 Fuzzy Logic Tools for Engineers 15062008 28062008 NIT
 Calicut Publications Sl. No Type of publication No. of publications 1 International Journals 3 2
 National Journals 3 International conference 4 National Conference 1 4 Books Book
 chapters Monograph 1 Publications Journals International Journals Sl.No Title of Paper Name of
 journal Publisher Year, Volume ISSN ISBN No. 1 A Multimode DCDC Converter for Alternative
 Energy Conversion Systems IARJSET IARJSET, Volume2, Issue9 2 Torque Response
 Improvement of Direct Torque Controlled Three Phase Inverter Fed Induction Motor Drive
 IJREEICE, IJREEICE, Volume3, Issue8 3 Simulation Study of CFSI Based Power Grid System
 IJAREEIE IJAREEIE Volume5, Issue9

Shancy Augustine SJ CET Palai Shancy Augustine Software Development Center
 20240701 T04:49:4300:00 Prof. Dr. Shancy Augustine Assistant Professor Department of Computer
 Science Engineering Mobile Number: 91 8281108776 Email: shancysjcetpalai.ac.in Date of
 Joining: 08012018 Appointment: Provisional Education Experience Memberships FDP Publications

Education Sl.NoQualificationUniversityInstitutionYear of passingSpecializationClassCGPA 1 B.Tech
MG UNIVERSITY MAR ATHANASIOUS COLLEGE OF ENGINEERING AND TECHNOLOGY 2002
ELECTRICAL AND ELECTRONICS ENGINEERING 0.74 2 MS UNIVERSITY OF FLORIDA
COLLEGE OF ENGINEERING 2011 ELECTRICAL AND COMPUTER ENGINEERING 3.394 GPA 3
Ph.D UNIVERSITY OF FLORIDA COLLEGE OF ENGINEERING 2014 ELECTRICALAND
COMPUTER ENGINEERING 3.394 GPA Experience Sl. NoName of the
collegelIndustryDesignationExperience Years Months 1 KERALA STATE ELECTRICITY BOARD,
KOTTAYAM INTERN 1 YEAR 4 MONTHS 2 SJCET lecturer June 2005 to August 2007 2years 3 St.
Josephs College of Engineering and Technology, Palai Asst. Professor 8012018 onwards
Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE LIFE TIME FDP
Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Teaching methodologies 2005
JUNE, 3 DAYS ISTE Publications Journals Augustine S, Gu P, Zheng X, Nishida T, Fan Z. H,
LowPower electrically Controlled Thermoelastic Plastic Microvalves integrated in Thermoplastic
microfluidic Devices, Journal of Microfluidics and Nanofluidics, 2015, pp 110. Book Chapters
Augustine S, Paul L, Davim J. P. Relevance of micromachining in microfluidics and biomedical
devices. Handbooks in advanced manufacturing, Advanced Machining and Finishing, Elsevier inc.
2021, ISBN: 9780128174524. Conference Publications Wang C. W, Augustine S, NishidaT, Fan Z.
H, Lowpower electrically controlled thermoelastic microfluidic valve array for multiplexed
immunoassay, SolidState Sensors, Actuators and Microsystems Workshop, Hilton Head Island,
South Carolina, June 59, 2016. Fan Z.H, Augustine S, Wang C.W, Gu P, Zheng X, Nishida T
Electrically controlled thermoelastic valve array, MicroTAS 2016 Conference, 913 October 2016,
Dublin, Ireland. Augustine S, Gu P, Zheng X, Nishida T, Fan Z. H, Development of AllPlastic
Microvalve array for Multiplexed Immunoassay, ASME 2014 International Mechanical Engineering
Congress and Exposition IMECE 2014, Montreal Canada, November 813, 2014. Fan Z. H, Gu P,
Augustine S, Liu K, Freitag H and Nishida T, Microfluidic Valve Arrays in Thermoplastic Devices ,
ASME 2012 10th International Conference on Nanochannels, Microchannels, and Minichannels, Rio
Grande, Puerto Rico, USA, July 812, 2012.

Sharon Justine SJCET Palai Sharon Justine Software Development Center
 20220513T09:13:3800:00 Prof. Sharon Justine Assistant Professor Department of Computer
 Science Engineering Mobile Number: 91 9496300588 Email: sharonjustinesjcetpalai.ac.in Education
 Experience Journal and Conference Publications FDPSTTPs Education
 Sl.NoQualificationInstitutionSpecialization 1 M. Tech COLLEGE OF ENGINEERING MUNNAR
 Computer and Information Science 2 B. Tech COLLEGE OF ENGINEERING MUNNAR Computer
 Science Engineering Experience Sl.NoInstitutionPosition heldPeriod 1 College of Engineering
 Munnar Assistant Professor in Computer Science and Engineering 06082018 to
 05122018,19082019 to 30112019 and 13012020 to 30072020 Journal and Conference Publications
 International Journal Publications Published a paper entitled A new Approach Towards Virtual
 Machine Scheduling: Evaluation of Three Different VM Scheduling Algorithms in International
 Journal of Advance Research in Science and Engineering FDPSTTPs Participated in 2week Faculty
 Development Program on Entrepreneurship at AJCE Kanjirappally. Attended Online STTP on High
 Performance Computing and Deep Learning for Image and Text Analysis conducted by mar
 Baselios College of Engineering and Technology Thiruvananthapuram Attended Online FDP on Lets
 see what computer see A Gentle Introduction to Computer Vision conducted by SIMAT Palakkad.
 Attended Online FDP on Advanced Natural Language Processing conducted by AWH Engineering
 College Kozhikode. Attended Online FDP on Securing a Network Infrastructure conducted by
 Muslim Association College of Engineering. Participated in online National level online workshop on
 ICT Enabled Teaching and Learning Opportunities and Challenges conducted by Rajagiri School of
 Engineering and Technology. Attended Online FDP on Dive in to Big Data conducted by SIMAT
 Palakkad. Attended Online FDP on light to Data Science conducted by SIMAT Palakkad Attended
 Online FDP on Unlock the pandemic days with machine learning conducted by SIMAT Palakkad
 Attended Online FDP on IoT Protocols and Security conducted by Toc H institute of Science and
 Technology Attended Online FDP on Machine Learning Techniques for Brain Computer Interface
 Application conducted by Karunya Institute of Technology and Science Attended Online FDP on

Chronicles of Drone: From then until now and Ahead conducted by SIMAT Palakkad.

Shelcy Paulose SJ CET Palai Shelcy Paulose Software Development Center

20230720T09:07:2200:00 Prof. Shelcy Paulose Assistant Professor Department of Artificial

Intelligence and Data Science Mobile Number: 91 9645041098 Email: shelcypaulosesjcetpalai.ac.in

Education Experience Publications FDPSTTPConferencesSeminars Education Sl.

No.DegreeSpecializationInstitutionUniversityYear of Passing 1 B.E Computer Science and

Engineering PGP College of Engineering and Technology, Namakkal, Tamil Nadu Anna University

2011 2 M.E Computer Networking and Engineering Vivekanandha Institute of Engineering and

Technology for Women, Thiruchengode, Tamil Nadu Anna University 2013 Experience Name of the

collegeIndustryDesignationDate of JoiningDate of Relieving Rajiv Gandhi Institute of Technology

RIT, Kottayam Assistant Professor 11.03.2022 29.07.2022 School of Technology and Applied

Sciences STAS, Edappally, Ernakulam Guest Lecturer 30.12.2014 10.03.2022 Publications

Enhancing the QOS in wimaxwlan overlay network for vertical handoff, International Journal of

Advanced Information Science and Technology IJAIST ISSN: 2319:2682 vol.13, no.13, May 2013

FDPSTTPConferencesSeminars KTU sponsored fivedays FDP on Blockchain Technology its

applications organized by Department of Computer science and Engineering, St. Josephs college of

Engineering and Technology, Palai from 16th to 20th January 2023. Tendays FDP on Deep

Learning: Models and use cases using Python organized by Indian Institute of Information

Technology Kottayam from 12th to 21st Dec 2022. Fivedays FDP on DEMYSTIFYING MACHINE

LEARNING ALGORITHMS organized by Department of Artificial Intelligence and Data science

Muthoot Institute of Technology and Science from 10th to 14th Oct 2022. Webinar series on Data

science and Machine learning in Real world, conducted on September 14th, 2022, by IIIT Kottayam.

Self Appraisal Report SJ CET Palai Student Verification: 91 9495684408 | Admission Helplines : 91

8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library

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Report Software Development Center 20201230T10:16:4200:00 Self Appraisal Report HOD Faculty
Non Teaching

Shajimon Thomas SJ CET Palai Shajimon Thomas Software Development Center
20190117T12:06:0100:00 Mr. Shaji Thomas Draughtsman Department of Civil Engineering Mobile
Number: 91 9744661910 Email: thomasshaji27gmail.com Date of Joining:25082011 Education
Experience Staff Development Programme Education Sl.NoQualificationUniversityInstitutionYear of
passingSpecialization 1 S.S.L.C Kerala Board of Examination S.S.H.S.S Vazhithala 1988 State 2
I.T.I N.C.V.T Municipal I.T.C Pala 1992 Draughtsman Civil Experience Industrial Experience Sl.
NoName of the IndustryDesignationExperience Years Months 1 Site Supervisor at Idukki District
Engineers Technetians CoOperative Society Ltd.115 Karimkunnam Supervisor 3 Years 2 Vallikat
Construction Thodupuzha Draughtsman 2 Years 3 K.J Jose P.W.D Contractor Supervisor And
Draughtsman 6 Years 4 Suresh Co. Engineers and Engineers and Construction Site Supervisor 6
Years Education Institutional Experience Sl. NoName of the InstitutionDesignationExperience Years
Months 1 Carmal Engineering College Perunad, Pathanamthitta Lab Instructor 2years Staff
Development Programme Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Basic
First Aid Training 2018 Arbit Safety and Engineering Solution Pvt. Ltd

SJ CET Palai In Media SJ CET Palai Student Verification: 91 9495684408 | Admission Helplines : 91
8078 700 700 | Admission 2025 Apply Now | Placements 202324 | Library Book Search | Library
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Media Software Development Center 20190124T04:47:3300:00 2018 2017

Shilpa Lizbeth George SJ CET Palai Shilpa Lizbeth George Software Development Center
20240417T04:45:5300:00 Prof. Shilpa Lizbeth George Assistant Professor Department of
Electronics and Computer Engineering Mobile Number: 91 8547637271 Email: shilpamblgmail.com
Date of joining SJ CET: 19072018 Association with the institution: Contract Education Experience

Publications FDP Education Sl.No Qualification University Institution Year of passing Specialization

1 B.Tech Anna University Maharaja Prithvi Engineering College, Avinashi,Coimbatore 2009
Electronics CommunicationEngineering 2 M.Tech M.G University St. Josephs College Of
Engineering And Technology,Palai 2013 VLSIEmbedded Systems Experience Date of joining
SJCET : 19072018 Status as on date of joining : Assistant Professor Present status : Assistant
Professor Previous Experience Industrial Experience : 1 year 2 months Teaching Experience : 4
years 4 months Sl. No Name of the collegeIndustry Designation Experience Years Months 1 BTC
College Of Engineering Technology, Koothattukulam Assistant Professor 3 years 6 months 2 C.E.T
College Of Management, Science Technology, Keezhillam Assistant Professor 10 months 3 Tata
Tele Services CRE 1 year 2 months Publications International Conferences Sl. No. Title of the
Paper Name of the Conference Venue Date 1 An Embedded Platform For Automatic Teller
Machines Using FingerVein Recognition System International conference on Electrical, Electronics,
Computer science and Mathematics physical education and Management ICEECMPE 2nd
November, 2013 at New Delhi National Conference Sl. No. Title of the Paper Name of the
Conference Venue Date 1 Implemental Study Of ANN Using VHDL National conference EICA 2013
K.S.R College Of Engineering, Tiruchengode, 2013 FDP Sl. NoName of TrainingWorkshopYear
Date DurationOrganizer 1 VLSI to System Design: Silicon to End Application Approach 31st July
2023 to 4th August 2023. AICTE in association with ARM Education STMicroelectronics. 2 Outcome
Based Education and Essential AI Tools for Teachers 10th August 2023 to 18th August 2023.
Internal Quality Assurance Cell IQAC of Carmel College Autonomous, Mala, in association with The
Kerala State Higher Education Council 3 Quality Assurance through NAAC Accreditation Process
01082023 to 31102023 NPTEL 4 Research Applications in Artificial Intelligence and Machine
Learning 08012024 to 13012024 AICTE Training And Learning ATAL Academy Faculty
Development Program at SJCET 5 Unleashing the Potential of SystemonChip and its Architecture
15012024 to 20012024 AICTE Training And Learning ATAL Academy Faculty Development
Program at SJCET 6 VLSI to System Design: Silicon to End Application Approach 31st July 2023 to
4th August 2023. AICTE in association with ARM Education STMicroelectronics.

Shilpa Shiva SJCET Palai Shilpa Shiva Software Development Center 20240701T04:43:5300:00

Prof. Shilpa Shiva Assistant Professor Department of Electronics and Computer Engineering Mobile Number: 91 9495292061 Email: shilpashivasjcetpalai.ac.in Date of joining SJCET: 15012024

Education Experience FDP International Journals International Conferences Education

Sl.NoDegreeSpecializationInstitutionUniversityYear of Passing 1 B.Tech Computer Science Engineering St. Josephs College of Engineering and Technology, Palai APJ Abdul Kalam Technological University 2019 2 M.Tech Computer Science Engineering St. Josephs College of Engineering and Technology, Palai APJ Abdul Kalam Technological University 2021

Experience

Sl.noName of the CollegeIndustryDesignationDate of JoiningDate of Relieving 1 College of Engineering, Poonjar Lecturer February 2023 August 2023 2 Fujitsu Consulting India Pvt Ltd, Chennai Technical Service Trainee January 2022 February 2023

FDP Attended ATAL Sponsored 6days offline FDP on Unleashing the Potential of SystemonChip and its Architecture organized by St. Josephs College of Engineering Technology, Palai from 15th 20th January 2024.

International Journals Sl. No. Title of the PaperName of the JournalYear, Volume ISSNISBN No. 1 An Effective Method for Recognition of Facial Expressions from Occluded Images Journal of Emerging Technologies and Innovative Research July 2021, 23495162

International Conferences Sl. No. Title of the PaperName of the ConferenceVenue 1 An Effective Method for Recognition of Facial Expressions from Occluded Images Recent Innovation in Science Technology ERANAD Knowledge City Technical Campus, Malappuram

Shiblemon K.V SJCET Palai Shiblemon K.V Software Development Center 20181231T04:42:5400:00

Prof.Shiblemon K.V Assistant Professor Department of Mechanical Engineering Mobile Number: 9496370879 Email:shiblekv84gmail.com

Education Experience Memberships FDPSTTP Publications Education

Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Calicut MES College of Engg. Kuttippuram 2006 Mechanical 2 M.Tech Kerala CET Trivandrum 2009 Propulsion 3 Ph.D. Pursuing KTU SJCET Pala Started in

Sl. No	Name of the college	Industry Designation	Experience Years	Months
1	Dece.2017			
2	SCMS School of Engineering Tech.	Assistant Professor	6 months	2
3	AWH Polytechnic College Kuttikkattoor	Lecturer	1 year	1 months

Sl. No	Name of Institution	Type of Membership	Membership ID
1	ISTE	Life Member	LM90145

Sl. No	Name of Training	Workshop	Year	Date	Duration	Organizer
1	8th National conference on Technological Trends	2007	November	2 days	CET Trivandrum	
2	9th National conference on Technological Trends	2008	November	2 days	CET Trivandrum	
3	10th National conference on Technological Trends	2009	November	2 days	CET Trivandrum	
4	Teaching Excellence and Methodologies	2010	june	6 days	Indian Society For Technical Education	
5	Two day wokshop on Technical Analysis Tools	2010	August	2 days	ISTE and SJCET Mechanical Engg. Association	
6	Training Programme in Theory, Programming and machining operations in CNC machine	2010	November	4 days	Mechanical Engg. Department SJCET Palai	
7	Workshop on manufacturing Management	2011	February.	5 days	Indian Society For Technical Education and SJCET Mechanical Engg. Association.	
8	National conference on Mechanical Engineering Technology	June 4, 2011			Mechanical Engg. Department SJCET Palai	
9	Two Week ISTE Workshop on Thermodynamics in Mechanical Engineering	14th 24th June, 2011			IIT Bombay	
10	CEP Workshop for Coordinators on Heat Transfer	September 12 16, 2011			IIT Bombay	
11	International conference on Mechanical Engineering Technology, iCoMEt	20th 21st January 2012			Mechanical Engg. Department SJCET Palai	
12	Two days ISTE Workshop on Writing Effective Conference Papers	18th 19th February, 2012			IIT Bombay	
13	Two Week ISTE Workshop on Computational Fluid Dynamics	12th 22nd June ,2012			IIT Bombay	
14	Recent advances in alternative energy technologies	5th 09 November, 2012			RIT, Pamapady	
15	Two day ISTE Workshop on Aakash for Education	10th 11th November, 2012			IIT Bombay	
16	Two Week ISTE Workshop on Engineering Thermodynamics	11th 21st December, 2012			IIT Bombay	
17	Automotive Combustion Control Systems, Sensors, Actuators Real time Embedded Controllers	28th 30th January, 2013			IIT Madras	
18	AICTE sponsored Faculty development Programme on Advanced Automobile Engineering	17th 18th May, 2013			Mechanical Engg. Department SJCET Palai	
19	National conference on Mechanical Engineering for future, CoMEt	13 15th June, 2013			Mechanical Engg.	

Department SJCT Palai ISTE 20 Two Week ISTE Workshop on Engineering Mechanics 26th November.06th December ,2013 IIT Bombay 21 Modern trends in energy environment and green technology April 2125, 2014 CUSAT, Thrikkakara 22 Two Week ISTE Workshop on Control Systems 02nd 12th December, 2014 IIT Kharagpur 23 Two Week ISTE Workshop on Fluid Mechanics 20th 30th May, 2014 IIT Kharagpur 24 Factor Analysis and Structural Equation Modelling for Research 25th30 July, 2016 RIT Pampady 25 NBA Accreditation 18th 19th June 2018 SJCT, Palai. 26 Work shop on Safety 29th June SJCT, Palai 27 Essentials of Research 9th13 July, 2018 APJ Abdul Kalam Technological University,TVM 28 A Perspective in Machine Learning 7th September 2018 Mechanical Engineering Association ,SJCT, Palai 29 Renewable EnergyOpportunities and Challenges 9th November 2018 SJCT ,Palai Publications National Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year	Volume	ISSN	ISBN No.
1	Reactive flow simulation of Swirl Driven Vortex combustion chamber	SJCT Journal of Engineering and Management	SJCT	5, 2012.			

International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Numerical analysis of flow in a vortex combustion chamber	4th International conference on Fluid mechanics and fluid power	IIT Madras	2010

National Conference

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Numerical analysis of flow characteristics of a liquid vortex engine	NCTT, 2009	CET, Trivandrum	

Shiblemon K.V SJCT Palai Shiblemon K.V Software Development Center 20230726T08:30:5200:00 Prof.Shiblemon K.V Assistant Professor Department of Mechanical Engineering Mobile Number: 9496370879 Email:shiblekv84gmail.com Date of joining:16062010 Association with the institution: Regular Education Experience Memberships FDPSTTP Attended Publications Funded Projects Education

Sl.No	Qualification	University/Institution	Year of passing	Specialization
1	B.Tech	Calicut MES College of Engg. Kuttippuram	2006	Mechanical
2	M.Tech	Kerala CET Trivandrum	2009	Propulsion
3	Ph.D.	Pursuing KTU SJCT Pala	Started in Dece.2017	

Experience

Sl. No	Name of the college	Industry Designation	Experience Years	Months
1	SCMS School of Engineering Tech.	Assistant Professor	6 months	
2	AWH Polytechnic College			

Kuttikkattoor Lecturer 1 year 1 months Memberships SI. No Name of Institution Type of Membership

Membership ID	1	ISTE Life Member	LM90145	FDPSTTP	Attended	SI. No	Name of	Training Workshop	Year	Date	Duration	Organizer																																																																																								
1	8th National conference on Technological Trends	2007	November	2 days	CET Trivandrum	2	9th National conference on Technological Trends	2008	November	2 days	CET Trivandrum	3	10th National conference on Technological Trends	2009	November	2 days	CET Trivandrum	4	Teaching Excellence and Methodologies	2010	June	6 days	Indian Society For Technical Education	5	Two day wokshop on Technical Analysis Tools	2010	August	2 days	ISTE and SJ CET Mechanical Engg. Association	6	Training Programme in Theory, Programming and machining operations in CNC machine	2010	November	4 days	Mechanical Engg. Department SJ CET Palai	7	Workshop on manufacturing Management	2011	February	5 days	Indian Society For Technical Education and SJ CET Mechanical Engg. Association.	8	National conference on Mechanical Engineering Technology	June 4, 2011	Mechanical Engg. Department SJ CET Palai	9	Two Week ISTE Workshop on Thermodynamics in Mechanical Engineering	14th 24th June, 2011	IIT Bombay	10	CEP Workshop for Coordinators on Heat Transfer	September 12 16, 2011	IIT Bombay	11	International conference on Mechanical Engineering Technology, iCoMEt	12 20th 21st January 2012	Mechanical Engg. Department SJ CET Palai	12	Two days ISTE Workshop on Writing Effective Conference Papers	18th 19th February, 2012	IIT Bombay	13	Two Week ISTE Workshop on Computational Fluid Dynamics	12th 22nd June ,2012	IIT Bombay	14	Recent advances in alternative energy technologies	5th 09 November, 2012	RIT, Pamapady	15	Two day ISTE Workshop on Aakash for Education	10th 11th November, 2012	IIT Bombay	16	Two Week ISTE Workshop on Engineering Thermodynamics	11th 21st December, 2012	IIT Bombay	17	Automotive Combustion Control Systems, Sensors, Actuators Real time Embedded Controllers	28th 30th January, 2013	IIT Madras	18	AICTE sponsored Faculty development Programme on Advanced Automobile Engineering	17th 18th May, 2013	Mechanical Engg. Department SJ CET Palai	19	National conference on Mechanical Engineering for future, CoMEt	13 15th June, 2013	Mechanical Engg. Department SJ CET Palai	ISTE	20	Two Week ISTE Workshop on Engineering Mechanics	26th November. 06th December ,2013	IIT Bombay	21	Modern trends in energy environment and				

green technology April 2125, 2014 CUSAT, Thrikkakara 22 Two Week ISTE Workshop on Control Systems 02nd 12th December, 2014 IIT Kharagpur 23 Two Week ISTE Workshop on Fluid Mechanics 20th 30th May, 2014 IIT Kharagpur 24 Factor Analysis and Structural Equation Modelling for Research 25th30 July, 2016 RIT Pampady 25 NBA Accreditation 18th 19th June 2018 SJCTET, Palai. 26 Work shop on Safety 29th June SJCTET, Palai 27 Essentials of Research 9th13 July, 2018 APJ Abdul Kalam Technological University,TVM 28 A Perspective in Machine Learning 7th September 2018 Mechanical Engineering Association ,SJCTET, Palai 29 Renewable EnergyOpportunities and Challenges 9th November 2018 SJCTET ,Palai 30 Smart Nanomaterials: Fundamentals to Applications 2019,5 days School of Material Science, National Institute of Technology Calicut 31 Computational Fluid Dynamics for Incompressible Flows ,12 week NPTEL Online Certification 32 ATAL FDP: Green Technology Sustainability Engineering 2021,5 days National Institute of technology Raipur 33 Computational Fluid Dynamics A Potential Engineering Design Tool 2021,5 days AICTEATAL FDP ,Centurion University of Technology and Management 34 Trends in Mechatronics and manufacturing 14112022 18112022 NITTR CHENNAI 35 Computer Integrated Manufacturing 09012023 13012023 NITTR CHENNAI 36 Plastic Waste Management 22082022 14102022 NPTEL IIT CHENNAI Publications Title of PaperName of JournalPublisherYear, Volume ISSNISBN No. National Journals Reactive flow simulation of Swirl Driven Vortex combustion chamber SJCTET Journal of Engineering and Management SJCTET 5, 2012. International Conferences Numerical analysis of flow in a vortex combustion chamber 4th International conference on Fluid mechanics and fluid power IIT Madras, 2010 National Conference Numerical analysis of flow characteristics of a liquid vortex engine NCTT, 2009 CET, Trivandrum Experimental Investigation on Heat Transfer Enhancement in Microchannel Heat Sinks The International Conference on Emerging Trends in Engineering SSRN Electronic Journal Yukthi 2021 Review on fabrication and experimental study of microchannel heat sinks for cooling of electronic components Materials Today Proceedings ELSEVIER Volume 72, Part 6, 2023, Pages 29852991

Funded Projects Sl.NoYearProject TitleFunding AgencyAmount 1 2019 Investigations on heat transfer enhancements in micro channel heat sinks CERD, APJ Abdul Kalam Technological

University Rs. 1.35 Lakhs

Shilpa Lizbeth George SJCET Palai HomeShilpa Lizbeth George Shilpa Lizbeth George Software Development Center 20181210T12:17:2400:00 Prof. Shilpa Lizbeth George Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 8547637271 Email: shilpa.lizbeth.georgesjcetpalai.ac.in Education Experience Publications Education SI.No Qualification University Year of passing Specialization 1 B.Tech Anna University 2009 Electronics Communication Engineering 2 M.Tech M.G University 2013 VLSI Embedded Systems Experience Industrial Experience : 1 year and 2 months Teaching Experience : 4 years and 4 months Publications International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1 An Embedded Platform For Automatic Teller Machines Using FingerVein Recognition System International conference on Electrical, Electronics, Computer science and Mathematics physical education and Management ICEECMPE 2nd November, 2013 at New Delhi National Conference Sl. No. Title of the Paper Name of the Conference Venue Date 1 Implemental Study Of ANN Using VHDL National conference EICA 2013 K.S.R College Of Engineering, Tiruchengode, 2013

Shanooga Chandran SJCET Palai Shanooga Chandran Software Development Center 20240424T08:44:1900:00 Prof. Shanooga Chandran Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9446985248 Email: shanoogasjcetpalai.ac.in Date of Joining: 19072006 Appointment: Permanent Education Experience Memberships Publications Training Programmes Research Interests Education SI.NoQualificationUniversityYear of passingSpecialization 1 B.Tech M.S.University 2003 Electrical and Electronics Engineering 2 M.Tech NIT Calicut 2011 Power Systems Experience SI.No.Name of IndustryCollegeDesignationPeriod 1 AWH College of Engineering Lecturer 17092003 06052003 2 St. Josephs College of Engineering Technology, Palai Asst. Professor 19072006 till date Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 Professional Member

Power and Energy Society IEEE 92110548 2 Life Time Member International Association of Computer Science and Information Technology IACSIT 80342216 3 Life Member Internet Society Publications Book Educational Content Author of Basic Electrical Engineering Multimedia Educational CD developed and distributed by Prolearn Technologies, Mavoor road, Calicut. Journal Conference Published a paper titled An IoT Based Real Time Parking Management System in the 9th IEEE International Conference on Smart Computing and Communications ICSCC 2023 organized by Muthoot Institute of Technology and Science, Kochi during 17-19 August, 2023. Published a paper on Technical Standards Assessment for Cybersecurity in Critical Infrastructure: Focus on Smart grid power Grids at the SJCTET Journal of Engineering and Management, Vol 17, NO 2, July-Dec 2023. ISSN 23948647. Analyzing the performance of input feedforward in low order nonideal low pass Sigma Delta modulator for ADCS, SJCTET Journal 2023. Design of an ionizer based mini air purifier system, SJCTET Journal 2022. Smart Stage Technique Based Fast Charging: A proposal in SJCTET journal 2021. Design of Life Detection System for Survivor Tracking in Debris, Volume 26, Issue 18 2021 at Journal of Chengdu University of Technology. A novel guided reconstruction of Ariel Images with nonlinear sharpening at INFOFEST 2021, 11th annual interdisciplinary symposium of Sree Ayyappa College, Eramalikkara. A Study on the effect of Substrate on Microstrip Patch Antenna Performance at International Conference on Energy Environment and Health in 2020. Simulation Study of CFSI Based Power grid System in IJAREEIE, volume 5, Issue 9, September 2016. Torque Response Improvement of Direct Torque controlled Three Phase Inverter fed Induction Motor Drive in IJIREEICE, volume 3, Issue 8, August 2015. A Multimode DCDC Converter for Alternative Energy Conversion Systems in IARJSET, volume 2, Issue 9, September 2015. Training Programmes Attended a two day training program on Recent trends in metering and calibration organized by the Dept. of Electrical and Electronics Engineering, National Institute of Technology, Calicut, on 06th-07th January 2006. Attended a two week MHRDAICTE Faculty Development Program on Fuzzy Logic Tools for Engineers organized by the Dept. of Mathematics, National Institute of Technology, Calicut sponsored by MHRDAICTE during 15th-28th June 2008. Attended a two day workshop on Advances in Power Electronic Systems at

organized by the Dept. of EEE, St. Josephs College of Engineering and Technology, Palai, during 5th 6th January, 2009 Attended a National Conference on Smart Grids GRIDCON 2010 organized by IEEE Kerala Section CDAC Trivandrum at Hotel Mascot, Trivandrum during 28th29th, October, 2010. Attended a one day workshop on CYME Power Engineering Software organized at Sait Gits College of Engineering on 17th Sept, 2011. Attended a Two Week ISTE Workshop on Analog Electronics conducted by Indian Institute of Technology, Kharagpur during 4th to 14th June, 2013. Attended a Oneday ISTE Workshop on Creative Teaching organized by Amal Jyothi College of Engineering, Kanjirapally on 5th October 2013. Attended a Oneweek FDP on Advances in Smart Grid Integration organized by Dept. of EEE, SaintGits College of Engineering from, 28th April to 2nd May 2014 Attended a three day STTP on Modern Trends in Substation Design sponsored bu TEQIP and Dept. od EEE, Rajiv Gandhi Institute of Technology, Pampady from 24th June to 26th June 2014 Attended a one week AICTE STTP on Solid State Control of Electric Drives through ICT conducted by National Institute of Technical Teachers Training and Research, Chandigarh from 21st July to 25th July 2014. Attended a two week ISTE Workshop on Control Systems conducted by IIT, Kharagpur from 2nd to 12th December 2014. Attended a two week ISTE STTP on Technical Communication conducted by IIT, Bombay from 8th October to 5th December 2015. Attended a ISTE STTP on Guidance and Counselling organized by SJCET from 4th to 8th December 2017 Attended an Eight Week FDP on Advances in UHV Transmission and Distribution organized by Ministry of HRD, Govt. of India from January to March 2019. Attended an Eight Week FDP on Microgrids organized by Ministry of HRD, Govt. of India from July to September 2019. Attended Online Course on Positive Psychology in Coursera authorized by University of North Carolina April 16, 2020. Attended Online Course on Electric Power Systems in Coursera authorized by University at Buffalo in April 18, 2020. Attended Online Course on Learning How to Learn in Coursera authorized by McMaster University in May 6, 2020. Attended an STTP on Scientific Computing with Python from 9th to 25th of November 2020, organized at RIT Pampady, Kottayam. Attended a KTU sponsored FDP on AI and Data Science A pedagogical Approach from 9th to 13th August 2021 at SJCET, Pala. Attended an FDP on FACETS of Teaching organized by Centre for National and

International Academic Collaborations from 14th June 21 to 20th June 21. Attended an FDP on Advances in Signal Processing organized by Department of Electronics Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram from 4th March 2022 to 8th March 2022. Attended an ATAL FDP on Wearable Devices organized by AICTE and SJCTET from 17th Jan 22 to 21st June 22. Attended an FDP on Advanced Research on Quality Publications at FISAT from 29th August 2022 to 2nd September 2022. Attended an FDP on Emerging trends in power electronics and control for electric vehicle and smart grid organized by the Department of Electrical Engineering, Government Engineering College Palakkad, sponsored by TEQIP II Four Funds during September 19 23, 2022. Attended an FDP on Recent Trends in Grid Integration organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering. From 30th Jan 2023 to 03rd Feb 2023. Attended an FDP on Recent Trends in High Frequency Communications organized by annatgyan.com from 20th Feb TO 24th Feb 2023. Attended an online course on Artificial Intelligence: Ethics Societal Challenges, an online noncredit course authorized by Lund University and offered through Coursera certified on March 2023 Attended an online One Day FDP on Outcome based education for NBA accreditation from 19082023 to 19082023 at Eranad Knowledge City. Attended an online Five Day FDP on inculcating Universal Human Values in Technical Education from 21082023 to 25082023 organised by AICTE. Attended an online 8 weeks FDP on Accreditation of Undergraduate Engineering Programme from 182023 to 31102023 organised by NPTEL NITTR Bhopal. Attended an online Five Day FDP on Applications of Machine Learning Techniques in Sustainable Technologies AMLST 2024 from 24012024 to 28012024 organised by NIT Rourkela. Attended an online Five Day FDP on Unleashing the Sustainable Development Future trends in Electrical Engineering from 29012024 to 022024 organised by Dept of EEE, Mangalam College of Engg, Etumanoor Research Interests Power Systems

SJCET PAAN SJCET Palai SJCET PAAN Software Development Center 20240418T10:16:3200:00
EXECUTIVE COMMITTEE 202324 SI No NAME DESIGNATION 1 Dr. V.P. DEVASSIA President 2

Prof. TOM ZACHARIA General Secretary 3 Ms. NEETHU TOM Vice President 4 Mr. ABYSON SCARIA Treasurer 5 Mr. KARTHIK C NAIR Joint Secretary 6 Mr. AIBEL SANOOP SUNNY Joint Secretary 7 Mr. JEEBU ABRAHAM Joint Secretary 8 Mr. ALAN SIJI Joint Secretary 9 Ms. SUMA MATHEW MBA Dept. Representative 10 Mr. JISS MOHAN K. AEI Dept. Representative 11 Mr. DON CYRIL THOMAS EEE Dept. Representative 12 Mr. KISHORE SEBASTIAN CSE Dept. Representative 13 Mr. ALEX JOSE MCA Dept. Representative 14 Mr. SUNOJ MICHAEL Trivandrum Chapter Representative 15 Mr. VISHNU NARAYANAN Cochin Chapter Representative 16 Ms. ABY JOSEPH Dubai Chapter Representative 17 Mr. AJITH JAMES Bangalore Chapter Representative

Shiny K George SJ CET Palai Shiny K George Software Development Center
 20230822T10:39:1600:00 Prof. Shiny K George Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9497325959 Email: shinykgeorgesjcetpalai.ac.in Date of Joining: 28062012 Appointment: Permanent Education Experience Memberships Publications FDP Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi University St. Josephs College of Engg. Tech., Palai 2010 Electrical Electronics Engineering 2 M.Tech Mahatma Gandhi University SAINTGITS College of Engineering 2012 Power Systems Ph.D APJAKTU Govt. Rajiv Gandhi Institute of Technology, Kottayam Pursuing Electrical Engineering Electric Vehicles Experience St. Josephs College of Engineering and Technology, Palai: Assistant Professor: 28062012 onwards. Memberships Sl. NoName of InstitutionType of Membership 1 Indian Society for Technical Education ISTE Life time Member Publications Journals Tintu Rani Joy and S. K. George, An AdjustableSpeed PFC Bridgeless Single Switch SEPIC ConverterFed BLDC Motor in International Journal of Engineering Technology, Management and Applied Sciences, August 2015, Volume 3, Issue 8, ISSN 23494476 Shiny K George and Polly Thomas. Performance Analysis of BangBang and d q Reference Frame Control Schemes for Power Quality Improvement of Grid Connected Wind Energy System. International Journal of Computer Applications1458:3944, July 2016. Conference Publications Thomas, M. Ganesh, S. K. George, A. Sebastian, B. S. Arya and S. S. Abraham, A Transformer Less Bidirectional Converter With PQ

Control Scheme for BESS, V2G and G2V Applications in Single Phase Utilities, 2018 International Conference on Circuits and Systems in Digital Enterprise Technology ICCSDET, 2018, pp. 16, doi: 10.1109/ICCSDET.2018.8821110. K. George and F. M. Chacko, Comparison of different control strategies of STATCOM for power quality improvement of grid connected wind energy system, 2013 International MutliConference on Automation, Computing, Communication, Control and Compressed Sensing iMac4s, 2013, pp. 650655, doi: 10.1109/iMac4s.2013.6526394.

FDP	Sl. No	Name of Training	Workshop	Year	Date	Duration	Organizer
1		Induction Training Program		02072012	to 07072012	1 week	GEC,Thrissur
2		Workshop on Partial discharge in HV Electrical Equipment		25022013	to 26022013	2 days	CPRI,Bangalore
3		FEEL TEACHER program		12122013	to 14122013	2 days	SJCET,PALAI
4		Workshop on Recent Advances in industrial automation, control and embedded system		10062013	to 22062013	2 week	SJCET,PALAI
5		Workshop on Advanced Smart Grid Technologies		April 2014	1 week	SAINTGITS College of Engineering	
6		Workshop on Control Systems		02122014	to 12122014	2week	SJCET,PALAI
7		Training on Solid State control of Electric drives through ICT		21072014	to 25072014	1 week	SJCET,PALAI
8		ISTE Workshop on Electric Power System		12062017	to 15062017	2 week	MHRD

Simimole Thomas SJCET Palai Simimole Thomas Software Development Center 20200715T04:42:2100:00 Prof. Simimole Thomas Assistant Professor Department of Science and Humanities Mobile Number:9497373558 Email:simiarackakalayil99gmail.com

Education Experience

Membership	Faculty Development Programme	Education	Sl.No	Qualification	University	Institution	Year of passing	Specialization
1		M.Sc		M G M.A	College	Kothamangalam	2005	Pure Mathematics
2		B.Ed		M G	University	St. Thomas College of Teacher Education, Pala	2006	Mathematics

Experience

Sl. No	Name of the college	Industry	Designation	Experience	Years	Months
1	Govt.College					
2	Govt.College					
3	J P M College, Labbakkada					

Membership

Name of Institution	Type of Membership	Membership ID
ISTE	ISTE LIFE MEMBER	LM 90205

Faculty Development Programme

Sl. No	Name of Training	Workshop	Year	Date	Duration	Organizer
1	ISTE eworkshop on Creative Teaching		October 5,			

2013 ISTE Kerala 2 Workshop on Feel Teacher Dec 12 14,2013 SJCET ,PALAI 3 National Seminar on New Perspectives in Mathematical Theory of Computer Science 2014 Feb 34 ,2014 Sacred Heart College, Thevara 4 ISTE eseminar on Steps to Research Sep 1920, 2014 ISTE Kerala 5 Engineering Physics 081215181215, 2 week IIT, BOMBAY

SJCET Academic Programmes Offered SJCET Palai HomeSJCET Academic Programmes Offered SJCET Academic Programmes Offered Software Development Center 20190115T10:58:4400:00 SJCET offers 6 UG and 6 PG programs in Engineering and Technology. In addition to this MBA and MCA Regular and Lateral Programs are also offered FOURYEAR B.TECH. DEGREE PROGRAMMES Course NameNo. of Seats Civil Engineering 60 Computer Science and Engineering 120 Electronics and Communication Engineering 90 Electrical and Electronics Engineering 60 Electronics and Instrumentation Engineering 30 Mechanical Engineering 120 POST GRADUATE PROGRAMMES Course NameNo. of Seats M.Tech. Advanced Manufacturing Production Management 18 M.Tech. Computer Science Engineering 18 M.Tech. Power Electronics 18 M.Tech. Structural Engineering Construction Management 24 M.Tech. VLSI Embedded Systems 18 Master of Business Administration MBA 60 Master of Computer Application MCA Regular 3 year 60 Master of Computer ApplicationMCA Lateral Entry2 year 60

Smija Das SJCET Palai Smija Das Software Development Center 20240319T07:43:1700:00 Prof. Smija Das Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9947863585 Email: smija.dassjcetpalai.ac.in Date of Joining: 17.08.2006 Education Experience Memberships FDPSTTPSeminars, Workshops Journals Conferences Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer Science and Engineering College of Engineering, Kidangoor CUSAT 2005 M.Tech. Computer Science and Engineering Mahendra Engineering College, Salem ANNA 2013 Experience Name of the CollegeIndustryDesignation Govt. Polytechnic College, Palai Lecturer University College of Engineering, Muttom Lecturer Memberships Name of the Institution: ISTE FDPSTTPSeminars,

Workshops Smija Das, participated in One day Seminar on Trends in Web Technologies and Software Architecture organized by CSI Trivandrum Chapter on 10 February 2007. Smija Das, participated in FDP on Theory of Computation and Compiler Design using LEX and YACC at St. Gits College of Engineering during 6 to 8 August 2007. Smija Das, participated in STTP on Teaching Excellence and Methodologies organized by ISTE Kerala Section at Maharajas Technical Institute, Trissur during 20 to 25 August 2007. Smija Das, participated in STTP on Train the Trainer Programme held at Infosys Mangalore during 4 to 6 June 2008. Smija Das, participated in STTP on Emerging Trends in Mobile Computing and Networking Technologies sponsored by ISTE Kerala Section at Viswajyothi College of Engineering and Technology, Vazhakkulam during 30/10/2008 to 5/11/2008. Smija Das, participated in one day workshop on Nano Technology Significance and Applications organized by Department of Mechanical Engineering at St. Josephs College of Engineering and Technology, Palai on 7th November 2008. Smija Das, participated in STTP on Linux Networking and System Administrator organized by Department of Computer Science and Engineering at St. Josephs College of Engineering and Technology, Palai from 9th to 12th December 2008. Smija Das, participated in one day seminar on Emerging Trends in Computational Applications ETCA 09 organized by SCMS College of Engineering and Technology, Karukutty, Ernakulam on 25th July 2009. Smija Das, participated in one day seminar on Educational Utilization of Indian Standards organized by Bureau of Indian Standards and SJCET on 11th December 2009. Smija Das, participated in STTP on Advances in Image Processing jointly organized by Department of Computer Science and Engineering and Applied Electronics and Instrumentation of St. Josephs College of Engineering and Technology, Palai from 20th to 26th November 2009. Smija Das, participated in 2 week ISTE workshop on Basic Electronics conducted by IIT Bombay under MHRD from 28th June to 8th July 2011. Smija Das, attended one day ISTE e-workshop on Creative Teaching organized by Amaljyothi college of Engineering, Kanjirappally in association with ISTE Kerala Section on 5th October 2013. Smija Das, participated in STTP on Data Mining Techniques conducted by College of Engineering Kidangoor from 2nd to 4th December 2013. Smija Das, underwent a Learning and Development Intervention on FEEL Teacher conducted by College for

Leadership and Human Resource Development and SJCET, Palai from 12th to 14th December 2013. Smija Das, participated in IBM Seed Training Programme conducted by IBM and CSE SJCET, Palai from 5th to 8th March 2014. Smija Das, attended a 2 day ISTE eSeminar on Steps 2 Research conducted by Amaljyothi college of Engineering, Kanjirappally in association with ISTE Kerala Section and CSI Cochin Chapter from 19th to 20th September 2014. Smija Das, participated in 2 week ISTE workshop on Computer Programming conducted by IIT Bombay under MHRD from 20th May to 21th June 2014. Smija Das, participated in FDP on Image Processing with MATLAB conducted by College of Engineering, Kidangoor from 10th to 14th November 2014. Smija Das, participated in 2 week ISTE STTP on Introduction to Design of Algorithms conducted by IIT Kharagpur under MHRD from 27th April to 30th May 2015. Smija Das, participated in FDP on Advanced Python Programming for Networking conducted by College of Engineering, Kidangoor from 27th to 28th July 2015. Smija Das, participated in ISTE STTP on Guidance and Counselling organized by ISTE Staff Chapter, SJCET Palai from 4th to 8th December 2017. Smija Das, participated in MOOC course in Online Learning and Content Development organized by FLAIR Kerala, Directorate of Collegiate Education, Kerala from 18th April to 2nd May 2020. Smija Das, participated in AICTE sponsored online STTP on Guidance and Counselling organized by SJCET Palai from 7th to 12th December 2020. Smija Das, participated in COURSERA online course in Introduction to HTML 5 organized by University of Michigan in the month of August 2020. Smija Das, participated in COURSERA online course in Programming for Everybody Getting started with Python organized by University of Michigan in the month of September 2020. Smija Das, participated in COURSERA online course in Introduction to Virtual Reality organized by University of London in the month of August 2020. Smija Das, participated in AICTE sponsored STTP on IoT and Data Science conducted by SJCET Palai from 28th December 2020 to 2nd January 2021. Smija Das, participated in AICTE Training and Learning ATAL online FDP on Block Chain conducted by Punjab Engineering College from 11th May to 15th May 2020. Smija Das, participated in AICTE Training and Learning ATAL online FDP on Internet of Things conducted by LBS college of Engineering Kasaragod from 11th January to 15th January 2021. Journals Smija Das, coauthored a

paper titled LOG Feature extraction based Photographic Detection in the International Journal of Science and Research in Volume 3, Issue 7 in July 2014. Smija Das, coauthored a paper titled A brief Analysis on offline character recognition in Malayalam Scripts in the International Journal for Scientific Research and Development in Volume 3, Issue 9 in November 2015. Smija Das, coauthored a paper titled Offline Malayalam character recognition using Genetic Algorithm in the International Journal Advanced Technology in Engineering and Science in Volume 3, Issue 1 in September 2015. Smija Das, coauthored a paper titled Offline Malayalam character recognition using Genetic Algorithm in the International Journal of Advanced Research in Science, Engineering and Technology in Volume 5, Issue 5 in May 2018. Conferences Smija Das, presented a paper titled Face Identification using Bayesian Classifier at Mahendra College of Engineering and Technology, Salem during 20 to 22 December 2012. Smija Das, presented a paper titled A Probabilistic Approach for Face Identification at Sun College of Engineering and Technology, Erachakulam, during 18 to 20 February 2013. Smija Das, presented a paper titled Analysis of Face Identification at Mahendra Engineering College, Salem, on 15 March 2013. Smija Das, copresented a paper titled Offline Malayalam Character Recognition using Genetic Algorithm at SNS College of Technology, Coimbatore, during 25 to 27 February 2015. Smija Das, copresented a paper titled Review of Continuous Touch based User Authentication at SNS College of Technology, Coimbatore, during 25 to 27 February 2015. Smija Das, copresented a paper titled Students Dropout Factor Prediction using EDM Techniques at SNS College of Technology, Coimbatore, during 25 to 27 February 2015. Smija Das has copresented a paper titled Sentiment Analysis on Textual Reviews in the 2nd International Conference RAEREST 2018 organized by HGH Australia St. Josephs College of Engineering and Technology, Palai during 20th and 21st April 2018.

Sinu Maria Kurian SJ CET Palai Sinu Maria Kurian Software Development Center
 20210308T10:55:0300:00 Prof. Sinu Maria Kurian Assistant Professor Department of Computer
 Science Engineering Mobile Number: 91 8129617741 Email: sinu.maria.kuriansjcetpalai.ac.in Date
 of Joining:06.02.2012 Education Experience Memberships Education

DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer Science and Engineering St. Josephs College of Engineering and Technology, Palai M.G University 2008 M.Tech. Computer Science and Engineering Karunya University Karunya University 2010 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Mangalam College of Engineering, Ettumanoor Assistant Professor June 21, 2010 February 2, 2012 Memberships Name of the Institution: ISTE

Sunil Sunny SJCET Palai Sunil Sunny Software Development Center 20190117T14:22:4000:00 Prof. Sunil Sunny Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 9447761904 Email: nsunilsunnygmail.com Date of joining SJCET: 07012016 Education Experience Patents Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech CUSAT College of Engineering Kidangoor 2012 Electronics Instrumentation 2 M.Tech UPES University of Petroleum Energy Studies 2015 Robotics Experience Date of joining SJCET : 07012016 Status as on date of joining : Assistant Professor Present status : On leave for PhD Previous Experience Industrial Experience : Miranda Automation Mumbai Patents Method and Device for Smart Projector Screen. India. Application 3790DEL2014 Publications International Conferences Sl. No. Title of the PaperName of the ConferenceVenue Date 1 Automated Precise Liquid Transferring System 6th IEEE India International conference on Power Electronics 2014 NIT Kurushetra 2 Implementation of an In Campus Fire Alarm System Using Zigbee 2nd International Conference on Computing for Sustainable Global Development 2015 Bharatiya Vidhyapeeth, INDIA, 11th 13th March 2015

Smitha Jacob SJCET Palai Smitha Jacob Software Development Center 20250325T06:54:5200:00 Prof. Smitha Jacob Assistant Professor NBA Coordinator Department of Computer Science Engineering Mobile Number: 91 9446922158 Email: smitha.jacobsjcetpalai.ac.in Date of Joining :16052005 Type of Association:Regular Education Experience Memberships Publications Conference Seminars STTP Conference SeminarsWorkshops STTP , Workshops,FDP,Webinar

MOOC Courses Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. Computer Science Engineering The Indian Engineering College ,Nagercovil Manonmaniam Sundarnar University,Thirunelveli 1999 M.Tech. Computer Science Engineering Mahendra Engineering College,Salem Anna University,Chennai 2013 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Govt.Polytechnic College,Pala Guest Lecturer June 1, 2003 March 1, 2005 DimensionsWeb2011,NewDelhi Project Leader July 1, 1999 May 1, 2003 Memberships Name of the InstitutionMembership IDNo ISTE LM45549 ACM 2280125 Publications SnoName of the PublicationTitle of publicationRemarks 1 International Journal of Advance Research, Ideas and Innovations in Technology A worthwhile performance framework modelling hinge on lambda architecture for batch and stream big data ISSN: 2454132X Impact factor: 4.295 Volume 4, Issue 3 2 International Journal of Advanced Research Methodology in Engineering Technology Big Data Analytics frameworks A Survey ISSN 24566446 Special Issue March 2018 3 International Journal of Advance Research, Ideas and Innovations in Technology Lambda architecture: Working, advantages limitations, and its applications ISSN: 2454132X Impact factor: 4.295 Volume 4, Issue 2 4 IJARIT International Journal of Advance Research, Ideas and Innovations in Technology An effective and decisive crowd management system based on RFID technology ISSN: 2454132 Ref No:OAPIJ182258 6 SJCET Journal 7 International Research Journal of Engineering and Technology QoS based Congestion Control Algorithm for video Traffic in Wireless Mesh Network Vol 3 Issue 8 August 2016 8 International Journal of Innovations and Advancement in computer Science Method to Enhance Fingerprint Image Quality and Mixing Fingerprints for Protecting Privacy ISSN 23478616,impact factor 2.65,Volume 4,Issue10,01102015 9 International Journal of Science, Technology Management A review on different methods for security in Ecommerce transactions ISSN 23941537 vol4,March2015 10 SJCET journal of Engineering Management Silhouette extraction of Human bodies using neural network for monitoring Alzheimers patients ISSN 23948647vol 9 No.2 JulyDec2018 11 IJETTSeventh Sense Research Group Identification and Extraction of Parameter Influencing commerce trends Based on Data Mining in shopping Centers ISSN:22315381 vol 17,Nov14 12 IJRCEEInternational Journal of

Research in Computer Engineering and Electronics An android supported framework for need based encryption decryption of remote PC storage ISSN:2319376Xindex Copernicus Value:4.08 01072014 01072014 13 IJETTSeventh Sense Research Group A Commerce Recommender System for Improving Customer Relationship Management in Shopping Centres ISSN:22315381 vol 13,July14 14 SJCET Journal of Engineering Management Analysis on Service Oriented Architecture ISSN 23948647 Conference Seminars SnoName of the EventDate of the Event 1 RAEREST 18,International Conference on Recent Advancement and Effectual Researches in Engineering Science and Technology April 2122,2018 2 RAEREST 16 International Conference on Recent Advancement and Effectual Researches in Engineering Science and Technology April 2021,2016 3 RAICE14 National conference in Recent Advancements in Computer Science Information Engineering March 13,14,2014 4 intercollegiate IT Quiz Competition CEREBRO2K15 16th February 2015 5 intercollegiate IT Quiz Competition CEREBRO2K16 09th March 2016 6 Seminar on Agile Software Methodologies by Vineesh U S,Wipro,Banglore 12th January 2018 7 Seminar on 4th Industrial Revolution and Emerging Job, Trends by Dr.Mendus Jacob,IPSR Kottayam March 12th 2018 8 Seminar on Future of Engineers by Prof. Sharma Thankachan, University of Central Florida, Orlando, USA 9th August 2017 9 Igniting The Student Minds Interactive Session by Abhilash Jayapal Technical Operations Head Good Methods Global March 18, 2016 10 Seminar on Personal Management by Dr. Ruble Raj October 26, 2015 11 Invited Talk on IT Industry and Life Experience by Mr. Rajesh Alex, IT consultant, Chennai July 2014. STTP Conference SeminarsWorkshops 1 International conference on Technical Challenges ICCEECON2k15 Text classification using Naive Bayes: A Review Conf Proceedings: ICCEECON2k15 01042015 2 NCICSES19 ,National Conference organized by College of Engineering,Kidangoor Hae Mart Drop of Life Conference Proceeding 3 International conference on Recent Trends in Engineering Science Management A review on different methods for security in Ecommerce transactions ISBN 9788193103920 4 National conference in Recent Advancements in Computer Science Information Engineering,RAICE14 A Secure Application for onthefly encryption in storage using Double AES Cascade Cipher RAICE14Conference Proceedings :March 2014 5 National conference in Recent

Advancements in Computer Science Information Engineering, RAICE14 A Secure Application for on the fly encryption in storage using Double AES Cascade Cipher RAICE14 Conference Proceedings: 01032014 6 International conference on cloud computing and services Engineering Bidirectional Security Framework of Data Sharing In Cloud CLUSE2013, December 2013 7 4th International Conference on Advances in Computer, Communication Management Combined Ranking Approach for Automatic Discovery of Personal Name Aliases From Web Conference proceeding Feb 2013 8 7th National Conference on Innovation in Computing Techniques Sequential pattern Discovery with Web Usage Mining NCICT13 01032013 9 National Conference on Advances in Computing computer Applications Automatic Identification of Personal Name Aliases from web snippets using combined Ranking method ADCAP12, December 2012 10 International Conference on Innovative Computing Information processing Conceptual analysis of Service Oriented Architecture And deriving the Web Services ICICIP2012, March 2012 11 National Conference on Advances in communication Systems NCACS, March 2009 STTP , Workshops, FDP, Webinar

No Title Organizers Dates 1 Online FDP on Data Science AICTE ATAL Academy 18221 to 22121 2 Online FDP on Artificial Intelligence AICTE ATAL Academy , NIT Thirichurapalli, 281220 to 1121 3 FDP in Machine Learning and deep learning A handson Approach AICTE sponsored School of Engineering, CUSAT 71220 to 191220 4 Introduction to intellectual Property Rights ACM Student chapter , SJ CET Palai November 27th 2020 5 International Webinar on Applications of Blockchain Technology in Global Vaccine Development and Production SNGIST group of Institutions, N. Paravoor 17112020 18112020 7 Online Workshop on Alice 3.0 ICT Academy November 5th 2020 8 Webinar on Cyber Security ACM Student chapter , SJ CET Palai October 22nd 2020 9 Webinar on Data Analytics: Exploiting the power that is Data MES Institute of Technology Management 18th Oct 2020 10 An online FDP on Learning Management System Moodle . Department of CSE in association with IEEE, CSI SJ CET chapter 10th to 15th August 2020 11 NPTEL online FDP on Introduction to Industry 4.0 and Industrial Internet of Things IIT Kharakpur Jan April 2020 . 12 AICTE NPTEL FDP on Descriptive Statistics Using R Software AICTE NPTEL, IIT Jan April 2019 13 AICTE NPTEL FDP on Programming in Java AICTE NPTEL by IIT Jan April 2019

14 An NPTEL FDP on Introduction to Internet of Things AICTE NPTEL,IIT JulyOct 2019 15 STTP on Guidance Counselling ISTE Staff Chapter,SJCET 4th to 8th December 2017 16 2 week ISTE workshop on Technical Communication IIT Mumbai 8th October 2015 to December 2015 17 2 week ISTE STTP on Introduction to Design of Algorithms IIT Kharagpur 27th April to 30th May 2015 18 2 week ISTE workshop on Computer programming IIT Mumbai MayJune2015 19 IBM Seed program IBM Software Group 5314 to 8314 20 Multivariate Statistical Techniques for Management Research SJCET,School of Management 2nd 3rd September 2013 21 2 week ISTE workshop on Basic Electronics IIIT Bombay 28th June 2011 to 8th July 2011 22 STTP on Emerging Trends in Mobile computing Networking Technologies ISTE Kerala Section 30102008 to 05112008 23 STTP on Linux Networking System Administration CSEA ,SJCET 9th to 12th December 2008 24 STTP on Teaching Learning process ISTE Kerala Section May 2005 25 One day workshop on cyber security Ethical Hacking Appin Technology Lab 1th Feb 2018 26 One day workshop Pursue,publish,Prosper ISTE Kerala Section March 30th 2016 27 One day eworkshop Creative Teaching ISTE Kerala Section October 5th 2013 28 One day eseminar Steps2Research CSI Cochin Chapter,AJCE 1920 Sep 2014 29 One day workshop on Professional Excellence CSEA,SJCET 10th June 2009 30 Workshop on Accreditation SJCET,Palai 28th to 30th June 2007 31 1 day Seminar on Trends in Web Technologies Software Architecture CSI chapter ,Tvm 10th February 2007 MOOC Courses

No	Title	Organizers	Dates
1	Introduction to R Programming	NPTEL	Jan April 2019
2	Programming in Java	NPTEL	January 5, 2019
3	Introduction to IoT	NPTEL	JunNov 2019
4	Introduction to Industry 4.0 and IIOT	NPTEL	Jan April 2020
5	Introduction to HTML5	Coursera	June 6, 2020
6	Introduction to CSS3	Coursera	June 11, 2020
7	JavaScript,JQuery,JSON	Coursera	June 23, 2020
8	Building web Application in PHP	Coursera	October 6, 2020
9	Introduction to SQL	Coursera	June 14, 2020
10	Noncredit Specialization Web Design for Everybody: Basics of Web Development Coding	Coursera	July 3, 2020
11	Interactivity with JavaScript	Coursera	June 15, 2020
12	Advanced Styling with Responsive Design	Coursera	June 24, 2020
13	JavaScript Tutorial course	SoloLearn	April 4, 2020

SJCET Alumni SJCET Palai SJCET Alumni Association SJCETAA was founded in December 2006,

after the graduation of its very first batch in July 2006. The primary mission of SJCETAA is to reconnect the alumni with their fellow alumni, institute, and students in the campus. It also strives to engage them through various activities among all the stakeholders, to generate impact through several social and academic projects for a collective growth. SJCETAA represent about 5000 plus SJCET alumni in various chapters spread across the globe, joining hands to make St Josephs College of Engineering and Technology a world class institution. SJCET is Indias one of the best destination for advanced science and technology research, renowned for its academic freedom, excellence in education, and innovative interdisciplinary initiatives. SJCETAA gives its members the opportunity to share Experiences, knowledge, by connecting with old friends. It is also platform to network with new ones in various countries across the globe. The Alumni activities aims to build a vibrant community of alumni, friends, partners and wellwishers who seek to support the institutes mission. SJCETAA work with key internal and external communities building awareness, engagement and support for the St Josephs College of Engineering and Technology, Palai by offering programmes of value to alumni throughout their lives.

Sunitha S Pillai SJCET Palai Sunitha S Pillai Software Development Center
 20230803T04:38:3900:00 Prof. Sunitha S Pillai Assistant Professor Department of Electronics and
 Communication Engineering Mobile Number: 91 8086704959 Email: sunitha.s.pillaisjcetpalai.ac.in
 Date of joining SJCET: 23012006 Association with the institution: Regular Education Experience
 FDP Publications MOOCOnline Certifications STTPFDP Conference SeminarsWorkshops
 participated Education DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. ECE
 College of Engineering, Perumon CUSAT 2004 M.Tech. VLSI NIT Surathkal Deemed 2012
 Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving
 CUSAT,KALAMASSERY GUEST LECTURER June 20, 2004 December 20, 2004 BPL TELECOM,
 PALAKKAD APPRENTICE TRAINEE ENGINEER March 20, 2005 December 20, 2005 FDP Sl.
 NoName of TrainingWorkshopYear Date DurationOrganizer 1 FPGA system design 2021 College of
 Engineering Thrissur 2 Guidance and Counselling 2021 SJCET Palai Publications Sl.NoTitle of

PaperName of journalPublisherYear, Volume ISSNISBN No. 1 VLSI Design of an Efficient Image EncryptionThen Compression System IJRSET IJRSET E22774106,PISSN 23475161 2 An Orthogonal Approximation of DCT and Reconfigurable Architecture for Image Compression IJRSET IJRSET ISSN:23476710 MOOCOnline Certifications Recent trends in wireless communication from feb 20feb 24 ,202223organized by Anantgyan skill private ltd. AIML enabled IOT from April 24April 30 ,202223,organized by Anantgyan skill private ltd. Fundamentals of FPGA Design 16 to 21 Dec , 202021organized by Govt Engg college ,Thrissur STTPFDP Conference SeminarsWorkshops participated STTP ON SPEECH PROCESSING FROM DEC 14DEC18 ,201920,ORGANIZED BY VISWAJYOTHI COLLEGE OF ENGG,VAZHAKULAM FDP ON GUIDANCE AND COUNSELLING FROM DEC 4DEC8 ,202021ORGANIZED BY ST JOSEPHS COLLEGE OF ENGG TECHNOLOGY, PALAI STTP ON CONSTITUTION OF INDIA, TKM College of Engg, 202122

Syamamol T SJCET Palai Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving School of Technology Applied Science, Edappally. Guest Lecturer 06072009 24072009 MBC College of Engineering Technology, Peermade. Guest Lecturer 10012011 30052011 Mangalam College of Engineering, Ettumanoor Assistant Professor 04022012 31072023 1.ClientServer Assignment for Better Trac Route in Internet Distributed Systems, International Journal of Engineering Research and Technology ISSN: 2278 0181, Volume. 3, Issue. 07, July 2014. 2.Determination of Soil pH using Digital Image Processing International Journal of Information Systems and Computer Sciences IJISCS ISSN 2319 7595 Issue. 05, 2018, Vol: 8, 84 88. 3.Computation and Storage Using Cloud Based Desktop, International journal of Advanced Information and Communication Technology ISSN 2348 9928. 4.Improving Security of Publish Subscribe System Using HASBE, Internal Journal of Advanced Research in Compute Engineering Technology IJARCET2015 ISSN: 22781323 Volume 4 Issue 2, February 2015. 5.Advanced MPSE Scheme for Searching Shared and Encrypted Data Internal Journal of Advanced Research in Computer and Communication Engineering, vol.4, issue 7, July 2015. 6.Efficient Data access in WSN Using AVGDRA Scheme, International Journal of Computer Science Communication

Networks,V0163,148152. 7.Accident Avoidance and Vehicle Detection in Hairpin Curves using Machine Learning, International Journal of Engineering Research Technology IJERT, Volume Volume 10, Issue 04, Year 2022. 8.A Cognitive Approach to Deep Neural Cryptosystem in Various Applications, Proceedings of the International Conference on IoT Based Control Networks Intelligent Systems ICICNIS 2021, Volume , Year 2021. 9.Security Risk Assessment System for Detection and Prevention Of Unauthorized Access, International Journal of Multidisciplinary in Cryptology and Information Security, Volume , Year 2020. 10.User Authentication for Smart Home using IoT Devices, International Journal of Advances in Computer Science and Technology, Volume Volume 9 Issue :6 , Year 2020, Pages Page No:2024. 11.Determination of Soil pH using Digital Image Processing, International Journal of Information Systems and Computer SciencesIJISCS, Volume , Year 2019, Pages. 12.An Efficient Framework Security Model of Sharing Data for Privacy Protection and PerformanceBased Outsource Data Sharing on Cloud, International Journal of Advance Research, Ideas and Innovations in Technology , Volume , Year 2018, 13.Efficient Data Access in WSN Using AVGDRA Scheme, International Journal of Computer Science Communication Networks, Volume , Year 2016.

Terms SJCET Palai Please read these Terms and Conditions Terms, Terms and Conditions carefully before using the website the Service operated by St. Josephs College of Engineering and Technology, Palai us, we, or our. Your access to and use of the Service is conditioned on your acceptance of and compliance with these Terms. These Terms apply to all visitors, users and others who access or use the Service. By accessing or using the Service you agree to be bound by these Terms. If you disagree with any part of the terms then you may not access the Service. Links To Other Web Sites Our Service may contain links to thirdparty web sites or services that are not owned or controlled by St. Josephs College of Engineering and Technology, Palai. St. Josephs College of Engineering and Technology, Palai has no control over, and assumes no responsibility for, the content, privacy policies, or practices of any third party web sites or services. You further acknowledge and agree that St. Josephs College of Engineering and Technology, Palai shall not be

responsible or liable, directly or indirectly, for any damage or loss caused or alleged to be caused by or in connection with use of or reliance on any such content, goods or services available on or through any such web sites or services. We strongly advise you to read the terms and conditions and privacy policies of any thirdparty web sites or services that you visit. Termination We may terminate or suspend access to our Service immediately, without prior notice or liability, for any reason whatsoever, including without limitation if you breach the Terms. All provisions of the Terms which by their nature should survive termination shall survive termination, including, without limitation, ownership provisions, warranty disclaimers, indemnity and limitations of liability. Governing Law These Terms shall be governed and construed in accordance with the laws of Kerala, India, without regard to its conflict of law provisions. Our failure to enforce any right or provision of these Terms will not be considered a waiver of those rights. If any provision of these Terms is held to be invalid or unenforceable by a court, the remaining provisions of these Terms will remain in effect. These Terms constitute the entire agreement between us regarding our Service, and supersede and replace any prior agreements we might have between us regarding the Service. Changes We reserve the right, at our sole discretion, to modify or replace these Terms at any time. If a revision is material we will try to provide at least 30 days notice prior to any new terms taking effect. What constitutes a material change will be determined at our sole discretion. By continuing to access or use our Service after those revisions become effective, you agree to be bound by the revised terms. If you do not agree to the new terms, please stop using the Service. Contact Us If you have any questions about these Terms, please contact us. 04822239700, 04822239301,239302

Soumya George SJ CET Palai Soumya George Software Development Center
20201103T06:08:4300:00 Dr. Soumya George Assistant Professor Department of Computer
Science Applications Mobile Number: 919544227925 Email:mariyam.george@gmail.com Date of
Joining:08.01.2018 Nature of association:Regular Education Experience Memberships Conferences
Seminarworkshops Publications FDP Education Sl.NoQualificationUniversityInstitutionYear of

passingSpecialization 1 Graduation MG University, Kottayam B.P.C College Piravom 2007
 Computer Applications 2 Post Graduation MG University, Kottayam MACE, Kothamangalam 2010
 Computer Applications 3 Ph.D CUSAT DCA, CUSAT 2020 Data Mining IR Experience Previous
 Experience Industrial Experience : NIL Teaching Experience : 9 Years, 2 Months Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 Christ Knowledge City, Kuzhoor Asst.
 Professor 3 Years, 2 Months 2 DCA, CUSAT Full Time Research Scholar 3 Years, 9 Months 3
 SJ CET Pala Asst. Professor From August 1st, 2018 onwards Memberships Sl. NoName of
 InstitutionType of MembershipMembership ID 1 ISTE The Indian Society for Technical Education
 Life Member LM 84918 Conferences Seminarworkshops Sl. NoTitle Topic Date DurationSponsors 1
 Workshop on Big Data and Hadoop 22nd to 25th September 2014 Division of IT, School of
 Engineering ,CUSAT 2 Workshop on GRAPH ALGORITHMS AND COMPUTER APPLICATIONS
 December 812, 2014 Department of Computer Applications , CUSAT 3 IndoCzech Workshop on Big
 Data Analytics January 45, 2015 Division of IT, School of Engineering ,CUSAT 4 Workshop on
 Ensuring Quality in Scientific Research January 78, 2015 School of Marine Sciences ,CUSAT 5
 IEEE APS Workshop on Introduction to LaTeX April 1617, 2015 IEEE Antennas And Propagation
 Society, Kerala Chapter 6 Workshop on Big data analytics in IOT October 57, 2017 Computer
 science Dept. DHISHNA held at SOE 7 Workshop on Advances in Machine Learning November
 2630, 2018 Division of IT, School of Engineering ,CUSAT 8 National Conference on Indian language
 Computing, NCILC 2015 January 1718, 2015 Dept. of Computer Applications, CUSAT 9 National
 Conference on Indian language Computing, NCILC 2017 February 17th18th, 2017 Dept. of
 Computer Applications, CUSAT 10 Cyber Cube2017 23rd 27th March, 2017 Cyber Intelligence
 Research Laboratory, DCA, CUSAT in association with Kerala Police AcademyKEPA 11 National
 Conference on Indian language Computing, NCILC 2018 March 16th17th, 2018 Dept. of Computer
 Applications, CUSAT 12 Cyber Cube2018 20th24th April, 2018 Cyber Intelligence Research
 Laboratory, DCA, CUSAT in association with Kerala Police AcademyKEPA 13 National Conference
 on Indian language Computing, NCILC 2019 15th 16th March, 2019 Dept. of Computer Applications,
 CUSAT Publications International Journals Sl.NoTitle of PaperName of journalYear, Volume

ISSN ISBN No. 1 A Study on Applicability of Graph Databases in Big Data Analysis IJARTET Vol. II Special Issue X, March 2015 2 Measures to Evaluate the Superiority of a Search Engine IJRITCC Vol. 4 Issue 2, February 2016 3 A Novel Sequence Graph Representation for Searching and Retrieving Sequences of Long Text in the Domain of Information Retrieval IJSRCSEIT Volume 2, Issue 5, October 2017 4 Semantic Desktop Search Engine using Graph Database IJRTE Volume 8 Issue 1 S2, May 2019 5 Knowledge Graph Based Subject Classification of Scholarly Articles JARDCS Vol. 11, 02 Special Issue, 2019 6 A Novel Approach to Find Authors Research Areas of Interests Using Graph Database Scopus indexed IJWP Volume 11, Issue 2, Article 5 7 A Novel Sequence Graphbased Approach to Find Academic Research Trends Scopus indexed IJWP Volume 12, Issue 1, Article 4

International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	GSDSE An intelligent Graph based Desktop Search Engine	International Conference on Innovative trends in Science Technology	Sarabhai Institute of Science and Technology	November 27, 2018

National Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Object Oriented Design Metrics	National Conference on Software Engineering	NC SOFT 2013 CUSAT	August 13-14, 2013
2	Brief Analysis on Product Metrics	National Conference on Software Engineering	NC SOFT 2013 CUSAT	August 13-14, 2013

FDP

Sl. No.	Name of Training	Workshop	Year	Date	Duration	Organizer		
1	Python 3.4.3 training	January 1, 2020	D.K.M. College for Women	2	R training	January 1, 2020	D.K.M. College for Women	
3	ML AI Using Covid19 Virus Data Analysis	16th-17th May 2020	Finland Labs	In Association with National Social Summit, IIT Roorkee	4	Blockchain Technology	18th-22nd May 2020	Finland Labs
5	Recent Trends and Applications of Machine Learning and Deep Learning in IT	25th-29th May 2020	Department of Information Technology, RAIT, Navi Mumbai	6	Programming in Java	Jan-Apr 2020 semester	NPTEL	
7	Data Mining	Jan-Apr 2020 semester	NPTEL	8	Cloud computing	Jan-Apr 2020 semester	NPTEL	
9	Introduction to internet of things	Jan-Apr 2020 semester	NPTEL	10	Analysis of Algorithms	25th June 2020	Kings Engineering College	
11	Funding Projects, Consultancies And Book Writing	July 8, 2020	Electronics and Communication Engineering department, Vimal Jyothi Engineering College, Kannur	12	Deep			

Learning With Tensorflow 22 nd to 24 th July 2020 Division of CSE, School of Engineering ,CUSAT
 13 Recent Trends and Advancements in Information Technology 27 th July to 1 st August 2020
 FISAT Angamaly 14 NLP, Web Scraping, Recommendation System using Deep Learning 31 st July
 to 10 th August 2020 EduxLabs 15 Value of IEEE publications in Research and Career
 Dvelopment 2182020 SJCET Pala 16 Glide through Cognitive Computing December 1620, 2019
 Dept. of Computer Science and Engineering, MA college, Kothamangalam 17 National conference
 on predictive analysis 9th to 19th October 2019 Dept. of Computer Applications, Saintgits College of
 Engineering Kottayam 18 Concepts Coaching 11th 13th March, 2019 ICT Academy of Kerala at
 SJCET, Pala

Soumya Varghese SJCET Palai Soumya Varghese Software Development Center
 20250222T12:18:1900:00 Fr. Mathew Koramkuzha Assistant Professor MBA Mobile
 Number:9446922066 Email:frjobishgmail.com Education Experience Education
 Sl.NoQualificationUniversityInstitutionSpecialization 1 BA MG Private Study Philosophy 2 MHRM
 MG MA College Ramapuram Human Resource management 3 MSc Applied Psychology Bharathiar
 Private Study Applied Psychology Experience Teaching Experience : 5 Years Sl. NoName of the
 collegeIndustryDesignationExperience Years Months 1 MA College Ramapuram Asst.Professor 5
 Years

Soumya Rosalint Jolly SJCET Palai HomeSoumya Rosalint Jolly Soumya Rosalint Jolly Software
 Development Center 20190116T06:16:1300:00 Prof. Soumya Rosalint Jolly Assistant Professor
 Department of Civil Engineering Mobile Number: 91 9446775479 Email: soumyajolly88gmail.com
 Date of Joining: 02022015 Nature of association:Regular Education Experience Awards and
 Recognitions Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1
 B.Tech M.G. University Mar Athanasius College of Engineering, Kothamangalam 2010 Civil
 Engineering 2 M.Tech Kerala University College of Engineering, Thiruvananthapuram 2012
 Geotechnical Engineering Experience Status as on date of joining : Assistant Professor Present

status : Assistant Professor Previous Experience Teaching Experience : 6 years Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Mar Baselios Institute of Technology Science Assistant Professor 2.5 years 2 St. Josephs College of Engineering Technology Assistant Professor 02022015 till now Awards and Recognitions First Rank for M. Tech. in Geotechnical Engineering, University of Kerala, Thiruvananthapuram. Second Rank for B. Tech. in Civil Engineering, M.G University

Tessy Kurian SJ CET Palai Tessy Kurian Software Development Center 20220520T15:56:1800:00 Dr. Tessy Kurian Professor Department of Science and Humanities Mobile Number:919446121678 Email:tessysjcetpalai.ac.in Date of Joining: 01072014 Nature of association: Regular Education Experience Memberships FDPSTTP conducted Conferences Seminarworkshops Invited Lectures Delivered Research Development PhD Guidance Publications Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 MA Economics Kerala University Centre, Thiruvananthapuram 1980 Econometrics, Mathematical Economics, Advanced Statistics 2 M.Phil Applied Economics Cochin University of Science Technology Dept. of Applied Economics , CUSAT 1990 Applied Economics 3 Ph.D Economics Mahatma Gandhi University Research Centre, Govt College, Kottayam 2000 Development Economics Womens Studies 4 MBA Vinayaka Mission Deemed University Vinayaka Mission Deemed University, Tamil Nadu 2006 Marketing, Human Resource Management Experience Teaching Experience : 33 Years Sl. NoName of the collegeDesignationExperience Years Months 1 SJ CET, Palai affiliated to APJKTU Professor 4 years 5 months 2 B.K.College, Amalagiri affiliated to M.G. University Associate Professor 32 years 8 months 3 Debub University affiliated to Ministry of Education, Ethiopia,Sponsored by UNDP Associate Professor 1 year Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 Indian Economic Association Life Member Letter enclosed FDPSTTP conducted Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 ISTE Workshop March 2017 SJ CET 2 UGC Sponsored 3 Weeks Refresher Course in Economics November ,2000 M.G University 3 UGC Sponsored 3 Weeks Refresher Course in Economics March, 1995 M.G University 4 UGC

Sponsored	3 Weeks Refresher Course in Economics March, 1991 M.G University	5	7 Day
Workshop on Research Methodology April, 2010 M.G University,	Child Development Centre TVM		
Conferences Seminarworkshops Sl. NoTitle Topic Date DurationSponsors	1 Rotary Youth Leadership Award RYLA on Effective Communication October 2016,1 Day SJCET Rotary Club of Pala	2 UGC Sponsored National Seminar on Low Mortality High Morbidity Syndrome in Kerala 2014	2 Days B. K. College, Amalagiri, Kottayam
3 UGC Sponsored National Seminar on Climate Change Impact : A Gender Disaggregated Approach 2012	2 Days B. K. College, Amalagiri, Kottayam	4 UGC Sponsored National Seminar on Consumerism and Lifestyle Diseases 2010	2 Days B. K. College, Amalagiri, Kottayam
5 UGC Sponsored National Seminar on Planning for Poverty Reduction : Lessons from Kudumbasree in Kerala 2008	2 Days B. K. College, Amalagiri, Kottayam	6 UGC Sponsored National Seminar on Ageing : Socioeconomic and Gender Issues 2005	2 Days B. K. College, Amalagiri, Kottayam
7 National Seminar on Basic and Advanced Biochemical Techniques : Relevance in Interdisciplinary Scenario 2013	2 Days B. K. College, Amalagiri, Kottayam	Lectures Delivered Sl.NoTitle TopicYear DurationOrganizer	1 Resource person Under the Walk with a Scholar programme of Higher Education Dept. Kerala 2019, 1 day St.Thomas College, , Pala
2 Resource person Under the Walk with a Scholar programme of Higher Education Dept. Kerala 2018,	2 days C.M.S.College, Kottayam	3 Resource person Under the Walk with a Scholar programme of Higher Education Dept. Kerala 2018,	1day K.E. College, Mannanam Research Development Funded Research Sl.NoProject TitleFunding AgencyAmountDuration
1 Major Research Project in Economics on Demographic Shift and Health Care: A Study of Elderly Women in Kerala ICSSR Rs. 3,92,375	18 months	2 Minor Research projects in Economics on Economic Impact of Rubber Crisis : A Study of Meenachil Panchayat in Kerala UGC Rs.35,000	2 years
3 Ageing Kerala :Socio Economic and Gender Challenges UGC Rs.75,000	18 months	4 Women initiatives in Poverty Reduction:Review of Kudumbasree in Kerala UGC Rs.50,000	18 months
5 Socio EconomicSignificance of Promotion of Breastfeeding Policies: Kerala Experience UGC Rs, 60,000	18 months	PhD Guidance PhD Guidance: Research Guide, MG University,Kerala PhDs awarded under Supervision :	7 2010 to 2017 Ongoing Ph.D. supervision :
1 Sl.No.YearName of ScholarTitle			

of the Thesis 1 2017 January 3, 1900 Financial Entitlements and Capabilities of Women in Kerala :
A Study of Kottayam District 2 2014 Ms. Bijo Joseph Socio economic Impact of Demographic
Transition in Kerala on Elderly Women 3 2014 Ms. Anila Skaria Magnitude and Determinants of
Unpaid Care Work in a Local Setting: Implications on Human Wellbeing 4 2013 Mr. Shaji Kuriakose
Lifestyle Diseases in Kerala :An Analysis of Socio economiuc Status , Consumption Pattern and
Adolescent Obesity in Kottayam District 5 2012 Ms. Rosamma Joseph Changing Consumption
Pattern in Kerala 6 2012 Ms. Merly Zachariah Ageing of women in Kerala: An analysis of their
consumption pattern 7 2011 Ms. Sheeba V.T. Bottled Water Industryin Kerala : Economic and
Environmental Impacts Publications List of Publications Books Cross Cultural Management
ISBN9789387483989 Thakur Publication Pvt. Ltd. Kerala 2018 Consumerism and Life Style
Diseases, ISBN 8186951261Bharath Books, Kottayam 2012 Contribution of Chapter on
Demographic Transition in Kerala in Kerala Studies: International Institute for Scientific and
Academic Collaboration, New Jersey, U.S.A.2007 Contributed a chapter on Age of Ageing in Kerala
in Kerala Economy Slumber to Performance, Meera Bai Ed. Kasi Books, Kerala 2007 Development
Management: a Holistic Approach in Rehumanising Development Administration, Mahajan P Mani
Ed., Kerala 2006 Proceedings of National Seminar on Ageing 2005 Proceedings of National
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International Journals Sl.NoTitle of PaperName of journalYear, Volume ISSNISBN No. 1 Poor
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in Kerala Rubber Asia No.5,Vol.15,2008 3 Ethiopian Economy: Maladies and remedies The
Reporter May 5,2004 4 Ethiopia, Use the potential of Women Ethiopian Herald January 20, 1900 5
ewaste and the third world Economic Focus May,2004 6 Gender: The ignored other half in climate
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need for a gender disaggregated approach STARS ,St.Thomas College ,Pala 2010 National
Journals Sl.NoTitle of PaperName of journalPublisherYear, Volume ISSNISBN No. 1 Dilemmas of
the Kerala Economy January 20, 1900 S. B. College, Changanasserry No1, Vol.1 2 Rethinking on
Globalisation and Development : A view Southern Economist St. Thomas College, Pala May, 2001 3

Economic Impact of Rubber Crisis :Meenachil, Kerala Rational Discourse Vol.6, No.1,2000 4

Economics as if People Mattered A new approach to globalization Mainstream July, 2001 5

Globalisation and the high tech youth of IndiaEmerging issues Kerala Calling 2001 6 Globalisation

Emerging issues STARS St. Thomas College, Pala 2006 7 Breastfeeding in the Information Age

The DEEPIKA Social Welfare 2002 8 Women and Globalisation Social Welfare December, 2002 9

Economics Mattering People Social Welfare May, 2003 10 E governance and Decentralised

Planning :Possibilities and Challenges Southern Economist 2004 11 Hi Tech Kerala Trends and

Dilemmas Beyond Boundaries 2003 12 Rubber Crisis and the Rural Economy of Kerala A Case

Study Rural India 2005 13 The Economics of Breastfeeding Piravi, the Souvenir of Neocon 2006 14

Fisheries Sector and Kerala Economy, Tapping the Potentials Kerala Calling 2007 15 To Prevent

Malnutrition Kerala Calling 2007 15 Save I million babies Kerala Calling International Conferences

Sl. No. Title of the PaperName of the ConferenceVenue Date 1 Indian Rubber Industry Trends and

Challenges January 10, 1900 Hotel Taj Malabar, Kochi,2131998 2 The New Economic Order and

World Peace A Gandhian Critique Relevance of Gandhian Thought M. G. University, 2325Nov 2000

3 Democracy and Development Asia in Transition M.G. University 1921Dec.2001 4 Higher

Education in Ethiopia Private Higher Education in Ethiopia Un Conference Centre, Addis Abbaba,

Ethiopia ,28th July 2004 5 Ethiopian Economy: Maladies and Remedies UN sponsored National

Seminar Ethiopian Economy Un Conference Centre, Ethiopia, 34 June 2004 6 Economic

Governance in the Present Scenario Developing Economic Governance in the Global Scenario

Regional Institute of Management Studies, Mathura Kamaraj University, Kottayam ,8 Nov 2006 7

Agriculture in India Sustainable Agriculture CMS College, Kottayam, 79 July 2010 National

Conference Sl. No. Title of the PaperName of the ConferenceVenue Date 1 Issues of the Kerala

Economy January 12, 1900 Nirmala College, Moovattupuzha ,2111999 2 Kerala Economy in a

Crisis State Seminar January 26, 1900 3 Research social sciences Research St. Thomas College,

Pala,1632001 January 1, 1970 4 Crisis in Kerala Economy Kerala Economy January 29, 1900 5

NAAC Accreditation Criteria of NAAC accreditation Assumption College, Changanacherry, 2722009

6 Quality of Education IQAC St. Teresas College, Ernakulam , 2132009 7 Kerala in the World

Economy M. G. University 2526 Feb 2000 8 Globalisation and Kerala Economy St Georges College, Aruvithura 15,16 Nov 2001 9 Crisis in Rubber Industry School of Management, MG University April 1, 2002 10 Neo colonialism M.A.College, Kothamangalam 1820march,1999 11 Education St.Josephs Training College, Mannanam 2425 March 1999 12 Globalisation and Higher education in India S.B. College, Changanacherry March 18, 1900 13 Women and Education Assumption College, Changanacherry 2022 march 2002 14 Higher Education in the new millennium St. Stephens College, Uzhavoor , Kerala 1213 Dec 2002 15 Regional Science Congress Calicut University October 25, 2002 16 Economic Reforms NSS College Cherthala 6,7 Feb 2002 17 Post Colonialism MG University 2628 Feb 2003 18 ICT and Quality Education St.Thomas Training College, Pala 1,2 Aug 2003 19 WTO and Agriculture Govt. College, Kottayam 2526 Nov 2004 20 Growth with Justice Assumption College, Changanacherry 8,9 Feb 2005 21 Quality Sustenance St. Thomas College, Pala 25,26 Feb 2005 22 Ageing Kerala BK College, Amalagiri 2930 June 2005 23 Economic Reforms SD College, Kanjirappally July 12, 2005 24 Development Crisis St George college, Aruvithura 9,10 Aug 2006 25 Advanced Learning Girideepam Institute ofAdvanced Learning 28,29 Jan 2008 26 Human Rights Alphonsa College, Pala 18,19 June 2008 27 Poverty reduction BK College, Amalagiri 9,10 July 2008 28 MDG NRHM, Kochi 6,7 Jan 2009 29 Women in Emerging Kerala Assumption College 9,10 July 2008 30 Research Methodology Govt College, Kottayam 29,30 Oct 2009 31 Issues of Sustainable Development Morning Star College, Angamaly July 31, 2010 32 Global Warming St Thomas College, Pala January 29, 2010 33 Consumerism and Lifestyle Diseases BK Colllege, Amalagiri 2,3, Aug 2010 34 Nutrition and Self Care BK College ,Amalagiri 14,15Jan 2010

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aksdvnbsadlchadoichoibdlvkadbovhvdsadgvjhb.n,nklnlkjlnlknklycgkhlcdncsadklcndalkcnhoicdhcioa
dshaslcblcboinblaksdvnbsadlchadoichoibdlvkadbovhvdsadgvjhb.n,nklnlkjlnlknklycgkhlcdncsadklcnd
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The Association For Computing Machinery SJCT Palai ACM 2020 Applications of Blockchain
Technology One day seminar on Applications of Blockchain Technology organized by Department of
Computer Science and Engineering in association with ACM Chapter. Resource Person : Mr.

Jayasuryan V Chandrasekharan, CEO CKT Infrastructure Pvt. Ltd.

SPOKEN TUTORIAL SJCET Palai SPOKEN TUTORIAL Software Development Center
20240409T10:17:3700:00 SPOKEN TUTORIAL Spoken Tutorial was established at IIT Bombay with the funding from the Ministry of Education previously Ministry of Human Resource Development. The use of spoken tutorials to popularize software learning and its use will be coordinated through this website. The main objective of this project is to promote IT literacy for education and improve the employment potential of learners in India, using FOSS free and open source software. ICT is an important area that provides jobs to a large number of our students. Software creation, electronic design automation IC design, numerical computing, and modelling and simulation are some of the ICT areas. This platform aim to pass on the knowledge of technology and free and open source software FOSS through the website to the millions in our country, who lack opportunities and/or access to learn any software. Resource Centers St. Josephs College of Engineering Technology, Palai, stands as a pivotal resource hub in Kerala as one of the four designated Resource Centers for Spoken Tutorials by IIT Bombay. With its versatile capabilities, the institution facilitates remote workshops within its own campus, extending its services to neighboring colleges, and even offers training to other educational institutions in conducting Spoken Tutorial sessions. Beyond this, it actively identifies and nurtures training organizers in Polytechnic, ITI, and degree colleges within its district and surrounding areas, fostering collaboration and knowledge sharing across diverse educational platforms. St. Josephs commitment to advancing education through Spoken Tutorials underscores its role as a catalyst for educational empowerment and excellence in the region. Impressive Participation With approximately 52 training sessions conducted, and an impressive 1800 participants completing certification in various courses, St. Josephs College of Engineering Technology has garnered widespread recognition for its commitment to fostering skill development and professional growth. Awards Recognition In the year 2023, St. Josephs College of Engineering Technology, Palai, achieved a significant milestone by being selected to receive the prestigious MASTERS Award from Spoken Tutorial IIT Bombay formerly TRUST award. This esteemed

recognition highlights the institutions unwavering commitment to excellence and innovation in Spoken Tutorial Training. The award ceremony took place on 4th March 2023 at IIT Bombay, where the institutes hard work and contributions were celebrated and honored

Soumya Varghese SJ CET Palai Soumya Varghese Software Development Center
20230615T05:27:1800:00 Dr. Soumya Varghese Associate Professor MBA Mobile Number: 91
9539063639 Email: soumyasjcetpalai.ac.in Date of Joining:12.03.2007 Association with
Institution:Regular Education Experience Publications Participation in FDPQIP
WorkshopConferences Education ExaminationYear of passingDegreeSpecialisationName of
InstitutionUniversity B.Sc 2002 B.Sc Chemistry Mahatma Gandhi University, Kottayam, Kerala MBA
2004 MBA HRM and Marketing Bharathiar University, Coimbatore, Tamil Nadu Ph.D 2022 Ph.D
HRM and Environmental Management Cochin University of Science and Technology CUSAT
Experience Organization InstituteDesignation Month and YearPeriod Custom Weather Inc. Analyst
and Sales Coordinator January 11, 1900 9 months Department of Management, Sree Narayana
Gurukulam College of Engineering Kadayiruppu,Ernakulum. Lecturer January 12, 1900 1 year and 7
months St. Josephs Business School, St. Josephs College of Engineering and Technology SJ CET
Palai Kottayam Assistant professor January 14, 1900 14 years Publications Sl. Title of PaperName
of JournalYear, Volume ISSNISBN No. 1 Green Process Innovations and Green Product
Innovations: An Environmental Management Strategy and Its Growth Phases in the Manufacturing
Sector. International Journal of Scientific Research in Science and Technology Volume 9, Issue 3,
MarchApril2021, Online ISSN: 2395602X | Print ISSN: 23956011 UGC Approved Journal No: 64011
2 Green Process Innovation: An Efficient Manufacturing Strategy for Better Future Souvenir of the
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Tomorrow. First Edition August 2020, pp.75, ISBN 9789388465489, A.K. Publications. 3 Review on
Environmental Performance Indicators Classification and its Challenges. Studies in Indian Place
Names Vol.40, Issue No.3, February2020, pp.7328 ISSN: 2394 3114, UGC Care Listed Journal 4
Role of Organisation Learning on the Adoption of Green Innovation Practices and its Impacts on

Firm Performance. Studies in Indian Place Names Vol .40, Issue No.29, March 2020, pp.714 ISSN 23943114 UGC Care Listed Journal 5 A Review on Green Innovation Practices and Its Impact on Various Performance Levels. Journal of the Gujarat Research Society Vol.21, Issue 8, November 2019, pp.340347 ISSN 03748588 UGC Care Listed Journal 6 Internal Drivers that Influence the Adoption of Green Product Innovation Practices and their Impact on Manufacturing Firms. BSCAN, A peerrefereed Biannual Research Journal of Management and Socioeconomic Transformation Vol. 4, Issue No.1, JanuaryJune 2019, pp. 1722. ISSN 25815237 7 Eco industry and the Role of Green Innovation Practices on Environment Performance in the Manufacturing Sector. Erudition, The Albertian Journal of Management Vol. 13, Issue No.1, January June 2019, pp. 216 ISSN 09737839 8 The Role of Manufacturing Sector for Emerging Economies and Sustainable Growth. SJ CET Journal of Engineering and Management Vol. 12, Issue No.1, January June 2019, pp. 1922 ISSN 23948647 9 Influence of Environmental Management Practices on Organisations Environmental Performance. Symposium Proceedings on Advancing Sustainability Research and Education January 2015, pp.18, Indian Institute of Management IIM, Bangalore. 10 Exploring the Relationship between Tourism and Environment for the Third World Development. Rajagiri Management Journal Vol. 7, Issue No.2, December 2013, pp. 98103. ISSN 09729968 11 Pedagogical Elements for Excellence in Higher Education. Conference Proceedings on Redefining Business Horizons. Volume 2,2013, pp 534, ISBN 9789381006672 12 Role of Innovations in Human Resource Management for a Sustainable Growth, Emerging Markets and Issues in Management. Conference Proceedings and Online Journal on Emerging Markets and Issues in Management VIT Business School, VIT University. March 2012, pp153, ISBN 9788192117874. 13 Focus on Biodiversity Conservation for Tourism Growth: The Need of Present Era. Research Journal of Business DC 14 Human Resource Management Practices for Environment Sustainability. Paradigm Shift in Innovative Business Management, CBA Publishers, Chennai pp.162169,ISBN 9789380430140 15 Looking for New Perspectives of Excellence in Education. DEECEE School Journal on Organization and Management Published Biannually Vol.2, Issue No.1, September 2011, ISSN:09729003 16 Strategic Issues in Women Empowerment Managerial Strategies for Excellence pp 308, SCITECH

Publishers 17 Environmental Protection: The Foundation for a Sustainable Society. SJ CET Journal of Engineering and Management Vol.4, Issue No.2, January June 2011

PAPER PRESENTATIONS

IN INTERNATIONAL CONFERENCE

Sl. No.	Title of the Paper	Name of the International Conference	Venue	Date
1	Work from Home: The Influencing Factors and its Impacts on WorkLife during Covid	19. International Management Conference 2021.	Centre for Management Studies Jamia Millia Islamia, New Delhi, India	from 21/5/2021 to 24/5/2021
2	Review on External Motivational Drivers that Influence the Adoption of Green Innovation Practices and its Various Performance Impacts.	1st Doctoral Colloquium on Management and Development DOCMAD 2020.	Institute of Rural Management Anand IRMA, Gujarat	from 04/11/2020 to 07/11/2020
3	Role of Organisation Learning on the Adoption of Green Innovation Practices and its Impacts on Firm Performance.	International Conference on the Human Capital Innovation and its Practices.	Loyola College Chennai	on 06/3/2020
4	A Review on Environmental Performance and its Indicators for Various Levels of Application.	International Conference on Advances in Financial Markets and Services FINCON 2020.	Research and Post Graduate Department of Commerce of St. Thomas College, Thrissur in Association with Indo American Chamber of Commerce	on 31/2/2020 to 4/1/2020
5	Proactive Environmental Management Strategies for Sustainable Growth with special reference to Manufacturing Sector.	International Conference on Emerging Trends in Entrepreneurship for Sustainable Social Development.	Alagappa Institute of Management, Alagappa University	on 26/9/2019 to 27/9/2019
6	EcoIndustry and the Role of Green Innovation Practices on Environment Performance in the Manufacturing Sector in Albertian Knowledge Summit.	International Conference on Multidisciplinary Research.	St. Alberts College, Ernakulam	on 18/01/2019
7	Factors Influencing the Adoption of EMPs and its Impact.	Fifth International Conference on Managing Uncertainties of Business: A SocioCultural Approach	5ICON 2015 Loyola College of Social Sciences, Thiruvananthapuram	on 30/10/2015 to 31/10/2015
8	Influence of Environment Practices on Organizations Environmental Performance.	Symposium on Advancing Sustainability Research and Education.	Indian Institute of Management, Bangalore IIMB	on 5/1/2015 to 7/1/2015
9	Pedagogical Elements for Excellence in Higher Education.	Conference on Redefining Business Horizons.		

Department of Commerce, Madras Christian University, Chennai from 1892013 to 199 2013. 10 Knowledge Worker: A Key to Building Competitive Advantage. 2nd International Conference on Emerging Markets and Issues in Management. VIT Business School/VIT University, Chennai on 1942013 to 2042013. 11 Role of HR Practices in Knowledge Workers. International Conference on Paradigm Shift in Innovative Business Management PLACITUM 2012. Department of Management Studies, Sree Narayana Gurukulam College of Engineering, Kolenchery on 16112012 to 17112012. 12 New Trends Affecting the Organisation and Strategies to Manage Change. International Conference on Management Next: New Paradigms and Innovations. Berchmans Institute of Management SB College, Changanacherry on 13122011 14122011. 13 Integrating Biodiversity Conservation into the Tourism Sector: The Need of Present Era. International Conference on Responsible Tourism: Current Perspectives in Conservation and Economics. Postgraduate Departments of Economics and Zoology Nirmala College, Muvattupuzha on 5122011 7122011.

PAPER PRESENTATIONS IN NATIONAL CONFERENCES

Sl.No	Title of the Paper	Name of the National Conference	Venue	Date
1	Green Process Innovations and Green Product Innovations: An Environmental Management Strategy and its Growth Phases in the Manufacturing Sector.	Online National Conference on Trends Technologies in MultiDisciplinary Research NCTTMDR2021.	A2Z Edu Learning Hub in association with the International Journal of Scientific Research in Science and Technology IJSRST	on 2032021.
2	The Impact of Employee Wellbeing on Employee Engagement during Covid19 with special reference to KPMG.	National Conference on Evolving HR: Remote Learning and Employee Practices.	Lal Bahadur Shastri Institute of Management LBSIM, New Delhi	on 28112020.
3	Green Process Innovation: An Efficient Manufacturing Strategy for Better Future.	The Indian Council of Social Science Research ICSSR Sponsored National Conference on Sustainable Development and Business: Managing Organisations of Tomorrow.	Department of Commerce, PGDAV College, University of Delhi in association with Department of Commerce and Delhi School of Economics University of Delhi	on 1882020.
4	A Review on Innovation Strategies Focused on Product and Process Innovations for Better Environmental Performance.	National Conference on Emerging Trends in Management and Information Technology.	K.S.School of	

Business Management, Gujarat University, Ahmedabad on 822020. 5 Adoption of Environmental Management Strategies as an Impact of Stakeholders Environmental Pressure. National Conference on New Paradigms of Management. Rajagiri Business School, Kochi on 2812020. 6 Internal Drivers that Influence the Adoption of Green Product Innovation Practices and its Impact on Manufacturing Firms. National Conference on Invasion of Technology in Marketing and Society. Department of Management Studies, Viswajyothi College of Engineering and Technology, Vazakulam on 722019 to 82019. 7 Motivations that Drive Firms to Adopt Environment Management Practices and its Impact. UGC Sponsored National Seminar on Innovative Management Strategies for Emerging Business Paradigms. SVR NSS College, Vazhoor on 17092015 to 18092015. 8 Integrating BioDiversity and Tourism for the Third World Development. UGC Sponsored Twoday National Conference on Inclusive Innovation Sustainable Growth: The Millennium Challenges. Rajagiri College of Social Sciences, Kochi on 3082013 to 3182013. 9 Competitive Advantage and the Catalytic Role of Human Resource Innovations. National Conference on Transforming Indias Competitive Advantage: Prospects and Challenges. School of Management and Business Studies, Mahatma Gandhi University, Kottayam on 2522009 to 2622009. Participation in FDPQIP WorkshopConferences Sl. NoName of FDPSTTPQIP WORKSHOPCONFERENCEYear Date DurationOrganiser 1 AICTE Training and Learning ATAL Academy Online Elementary Faculty Development Programme FDP on Emotional Intelligence. 2021 060762021 to 1162021 National Institute of Technical Teachers Training and Research, Chennai. 2 The All India Council for Technical Education AICTE Sponsored 5day FDP on Embracing Online Teaching and Learning. 2021 352021 to 752021 Department of Management Studies and Department of Computer Science and Engineering, National Institute of Technology Tiruchirappalli NITT. 3 AICTE Sponsored 5day FDP Programme on Model Curriculum. 2021 1532021 to 193 2021 National Institute of Technology NIT, Mizoram. 4 National Conference on Learning Analytics. March 2, 2021 Department of Management Studies IQAC of Mar Dionysius College, Pazhanji. 5 AICTE Sponsored 6day Online Shortterm Training Programme STTP on Guidance and Counselling. 2020 7122020 to 12122020 St. Josephs College of Engineering and Technology SJCET, Palai. 6 AICTE Sponsored One Week

STTP under AICTE Quality Improvement Schemes AQIS on Engineering Ethics. 2020 21112020 to 26112020 Department of Electrical and Electronics Engineering, Veer Surendra Sai University of Technology, Odisha. 7 Sixday Online STTP on Neuroscience of Learning in Digitized Learning Environment on Neuroscience of Learning in Digitized Learning Environment under AICTEs Quality Improvement Scheme. 2020 2112020 to 7112020 SCMS Cochin School of Business, Kerala. 8 Rural Entrepreneurship Development RED Action Plan. Government of India. 9 Young Investors Awareness Programme as part of Global Money Week 2021 GMW. Investor Awareness Division SEBI Regional Office Securities and Exchange Board of India. 10 Entrepreneurship Development Programme. 2018 07112018 to 9112018 St.Josephs Business School and District Industries Centre. 11 Introduction to SAS Business Analytics. 2018 31072018 EPOCH Research Institute. 12 Workshop on World Water day Entrepreneurship Awareness Programme March 22, 2018 Petroleum Conservation Research Association Ministry of Petroleum and Natural Gas, Government of India. 13 Faculty Development Program FDP on Recalibrating the Management Education Eco System of Kerala. 2017 962017 to 1062017 Xavier Institute of Management Entrepreneurship XIMEKochi. 14 Workshop on Pursue ,Publish ,Prosper 2016 30032016 ISTE Staff Chapter of St. Josephs College of Engineering and Technology SJCET, Palai. 15 Seminar on Green Development of Urban India. 2015 2772015 Petroleum Conservation Research Association Ministry of Petroleum and Natural Gas, Government of India. 16 National Seminar on Corporate Sustainability A Panacea for Growth: Values, Convictions and Actions. 2014 1710 2014 Bhavans Royal Institute of Management BRIM Kochi. 17 International Conference on Innovative Practices for Business Excellence IPBE 2013. 201314012013 Rajagiri Centre for Business Studies, Kochi. 18 Nature Education Camp for MBA students of Batch 20122014. 2012 27062012 to 2962012 Kerala Forests and Wild Life Department in association with Periyar Tiger Reserve. 19 Nature Camp Education for MBA students of Batch 20112013 2012 21012012 to 23012012 Kerala Forests and Wild Life Department in association with Periyar Tiger Reserve. 20 National Conference on Emerging International Business Order. 2012 3032012 to 313 2012 School of Management Studies, Cochin University of Science and Technology SMSCUSAT. 21 National Conference on Technology, Entrepreneurship and Innovation

Management 2012 22022012 School of Management, St. Josephs College of Engineering and Technology Kottayam. 22 International Conference on Managing Challenges in the Emerging World Order and Winning Strategies for Sustainable Development. 2011 2082011 to 3082011 Bharat Matha Institute of Management BMIM, Kakkanad, Cochin. 23 The University Grants Commission of India UGC sponsored National Conference on Environment and Sustainable Development in India: Challenges Ahead. 2010 25112010 to 26112010 Postgraduate Department of Economics St. Dominic College, Kanjirapally. 24 Nature Camp Education for MBA students of Batch 20092011. 2010 2812010 to 3012010 Kerala Forests and Wild Life Department in association with Periyar Tiger Reserve. 25 Workshop on Corporate Social Responsibility. 2009 24072009 Indian Institute of Management, Bangalore IIMB Centre for Corporate Governance and Citizenship in association with SCMS Cochin, Kerala. 26 National Conference on Export Potential of Indian Defence Products. 2008 3102008 Bhavans Royal Institute of Management BRIM, Kochi. 27 Fourday Workshop on Research Methodology and Application of SPSS for Data Analysis. 2008 1162008 to 1462008 Albertian Institute of Management Ernakulam. 28 AICTE Sponsored Quality Improvement Programme QIP on Strategic HRM: Course Scope and Pedagogy Issues. 2005 17102005 to 21102005 T.A.Pai Management Institute TAPMI, Manipal Karnataka.

Soya Treesa Jose SJCET Palai Sl. No Name of Training Workshop Year Date Duration Organizer 1 ISO 9001: 2015 Awareness 28th June 2018 ZANDIG TQM Solutions PVT LTD 2 Guidance and Counseeling 04th to 8th December 2017 ISTE Staff chapter, SJCET Palai 3 Technical Communicatio 30 Nov 5 Dec 2015 IIT Bombay 4 Embedded Design Using ARM ARDUINO 18th to 24th November 2015 SAINTGITS College of Engineering, Kottayam 5 Solid State Control of Electrical Drives through ICT 21st to 25th July 2014 Electrical Engineering Department, SJCET Palai 6 Electromagnetics in VLSI 16th to 21st June 2014 NIT Calicut 7 CMOS Mixed Signal Design 11th April 2014 SAINTGITS IEEE SSCS Student Chapter 8 Signals and Systems 2nd to 12th January 2014 SJCET Palai 9 FEEL Teacher 12th to 14th December 2013 College for Leadership and Human Resource Development 10 NHans: From transformers to LLM 12th to 16th December 2023

Department of Computer Science and Engineering, IIIT Kottayam 11 FDP on Cloud Infrastructure
 AWS 21st to 25th August 2023 SAINTGITS COLLEGE OF ENGINEERING, Kottayam 12 FDP on
 Outcome Based Education Essential AI tools for teachers 10th to 18th August 2023 IQAC of Carmel
 College Autonomous, Mala 13 NPTEL Course on System design Through Verilog 24th July to 15th
 September 2023 IIT Guwahati 14 NPTEL Course on Python for Data Science 9th Jan to 10th
 February 2023 IIT Madras

Sl.No	Title of Paper	Name of journal	Conferences	Year	Volume	ISSN	ISBN
1	Design of highPerformance Flash memory Controller	VESTA	12	Sree Budha college of Engineering, Pattor	3rd to 5th October 2012	2	A 1.5V Area efficient Asynchronous dder using MODL and Double Pass transistor Logic
	International Journal of Scientific Engineering Research	August 2013	Volume 4 Issue 9	ISSN 2229 5518	3	Design of a Multichannel NAND Flash Memory Controller for Efficient Utilization of bandwidth in SSDs	iMAC 2013
	SJCET Palai	2013	March 22, 23	4	FPGA Implementation of Image Enhancement Using Gabor Filter	International Journal of Computer and Mathematical Sciences	September 2015
	Volume 4 Issue 9	ISSN 2347 8527	5	Design study of N Bit Asynchronous Binary Search Analog to Digital Converter	ICCMC 2019	Surya Engineering College, Erode	2019
	March 2729	6	Automatic Plant Watering System	SJCET Journal of Engineering Management	January June 2022	Volume 15, ISSN 2394 8647	Sl. No
	Name of TrainingWorkshop	Year	Date	Duration	Organizer	1	FEEL Teacher
	12th to 14th December 2013	College for Leadership and Human Resource Development	2	Signals and Systems	2nd to 12th January 2014	SJCET Palai	3
	CMOS Mixed Signal Design	11th April 2014	SAINTGITS	IEEE SSCS	Student Chapter	4	Electromagnetics in VLSI
	16th to 21st June 2014	NIT Calicut	5	Solid State Control of Electrical Drives through ICT	21st to 25th July 2014	Electrical Engineering Department, SJCET Palai	6
	Embedded Design Using ARM ARDUINO	18th to 24th November 2015	SAINTGITS	College of Engineering, Kottayam	7	Technical Communication	30 Nov5 Dec 2015
	IIT Bombay	8	Guidance and Counselling	04th to 8th December 2017	ISTE Staff chapter, SJCET Palai	9	Training on NBA Accreditation
	18th 19th June 2018	SJCET Palai	10	ISO 9001: 2015 Awareness	28th June 2018	ZANDIG TQM Solutions PVT LTD	11
	Concept Coaching	11th to 13th March 2019	ICT Academy of Kerala	12	Machine Learning for Engineers	3rd to 5th December 2019	Dept. of ECE, R I

T, Kottayam 13 Switching circuits and Logic Design Sep Dec 2020 NPTEL online Certification 14 Application of Artificial Intelligence Technique in Overcoming the Challenges of Healthcare Industry 7th to 12th December 2020 Knowledge Institute of Technology, Salem 15 IoT and Data Science 28th December 2020 to 2nd January 2021 Dept. of ECE, SJCT Palai 16 Embedded Systems 3rd to 6th March 2021 College of Engineering, Kidangoor 17 Pattern Analysis for Speech Signal Processing 15th to 20th March 2021 GEC Kozhikode 18 VLSI Architectures for Digital Signal Processing Systems 14th to 18th June 2021 NIT Calicut 19 Trending Models in Deep Learning 14th June to 7th July 2021 Calculus Edupoint 20 AI and Data Sciences: A Pedagogical Approach 9th to 13th August 2021 SJCT Palai 21 Wearable Devices 17th to 21st January 2022 ATAL Academy 22 The joy of Computing using PYTHON Jan Apr 2022 NPTEL online Certification 23 Python For Data Science Jan Feb 2023 NPTEL online Certification 24 Introduction to Machine Learning Jan Apr 2023 NPTEL online Certification

Sreejith V SJCT Palai Sreejith V Software Development Center 20190112T02:46:0300:00 Prof. Sreejith V Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 9447372100 Email: sreejith.vasusjctpalai.ac.in Date of joining SJCT: 15012013 Association with the institution: Regular Education Experience Memberships FDP Conferences Seminarworkshops organized Publications Lectures Delivered Education Sl.No Qualification University Year of passing Specialization 1 B.Tech MG university, Kottayam 2009 Electronics and communication Engineering 2 M.Tech MG university, Kottayam 2013 Communication Engineering Experience Date of joining SJCT : 15012013 Status as on date of joining : Assistant Professor Present status : Assistant Professor Previous Experience Industrial Experience : 1 year Teaching Experience : Nil Sl. No Name of the collegeIndustry Designation Experience Years Months 1 Doordarshan Kochi Internship 12th March to 12th June 2012 2 BSNL Apprentice trainee Aug to Nov 2010 4 months 3 Neptune Technologies Service engineer of ATM Machines June to Sep 2009 Memberships Sl. No Name of Institution Type of Membership Membership ID 1. ISTE Life Member LM104084 FDP Sl. No Name of TrainingWorkshop Year Date Duration Organizer 1 MHRDAICTE

Sponsored FDP on Image Computing and Application ICA June 2013. NIT Calicut 2 Two week ISTE Workshop on Analog Electronics 4th June to 14th June 2013. Conducted by IIT Kharagpur, held at SJCT Palai 3 FDP on Instructional Design Deliver System 24th to 28th June 2013 SJCT Palai 4 FEEL TEACHER 12th to 14th Dec. 2013 CLHRD 5 Two week ISTE Workshop on Signals and System 2nd Jan to 12th Jan 2014. Conducted by IIT Kharagpur, held at SJCT Palai 6 STTP on Optical Communication System Design 3rd Feb to 8th Feb 2014. RIT Kottayam 7 STTP on optics and optical communication 070317090317 sponsored by TEQIP held at College Of Engineering, Kidangoor 8 Guidance and Counselling 4th to 8th December 2017 ISTE Staff chapter, SJCT Palai 9 STTP on NBA Accreditation 2018 MBC peerumedu 10 STTP on NBA Accreditation 2018 SJCT Palai

Conferences Seminarworkshops organized

Sl. No	Title	Topic	Date	Duration	Sponsors
1	Workshop on Circuit Simulation PCB Design using Proteus		18th June 2013		IEEE
2	IMAC 2013		22nd and 23rd of March, 2013		IEEE SJCT, Palai
3	RAREST 2016		20th to 21st Aug. 2016		SJCT, Palai
4	RAREST 2018		20th to 21st Aug. 2018		SJCT, Palai

Publications International Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year	Volume	ISSN	ISBN No.
1	Sreejith V, Srijith K, Rajesh Cherian Roy Robust Blind Digital Watermarking in Contourlet Domain	International Journal of Computer Application.	IJCA	2013	1293333639		

International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	A Review on White Blood Cells Segmentation	RAREST 2018	IOP Journal of Physics Conference Series	SJCT Palai 20th to 21st Aug. 2018
2	A review on visual recognition of RGB images and videos by learning from RGBD data.	RAREST 2018	IOP Journal of Physics Conference Series	SJCT Palai 20th to 21st Aug. 2018
3	A Study on Solitons in Optical Communication Systems	2015 Annual IEEE India Conference	INDICON	1720 Dec. 2015
4	Optical Solitons Based Communication Systems	ROCKS15	ROYAL College of Engg. Tech.	26th to 28th March 2015

Lectures Delivered

Sl. No	Title	Topic	Year	Duration	Organizer
1	Hands own workshop	Arduino board	June 2016		College of Engineering Kidangoor
2	Lecture on Digital communication vector space Concepts		Aug 2016		College of Engineering Kidangoor

Prof. Sreekala V M Assistant Professor Adhoc Department of Electrical Electronics Engineering
 Mobile Number: 91 9496611721 Email: skvm1994gmail.com Education Experience FDP Workshops
 Publications Conferences Achievements Education DEGREEINSTITUTIONBRANCHUNIVERSITY
 BOARDYEAR OF PASSING M.Tech Government Engineering College RIT,Kottayam Industrial
 Drives Control KTU 2019 B.Tech Holy Kings College of Engineering Technology,Pampakuda
 Electrical Electronics Engineering MGU 2016 Experience SI
 No.DESIGNATIONORGANISATIONPERIODEXPERIENCE 1 Assistant Professor VIJNAN
 INSTITUE OF SCIENCE AND TECHNOLOGY,PIRAVOM, ERNAKULAM 1.08.201906.08.2020 12
 Months 2 Assistant Professor MGM COLLEGE OF ENGINEERING
 TECHNOLOGY,PIRAVOM,ERNAKULAM 27.08.2020 06.09.2021 12 Months FDP Workshops
 SL.NOPROGRAM DETAILSDURATIONINSTITUTIONAREA 1 FDP 5 days RSET, KAKKANAD
 Control System Applications with MATLAB Sessions 2 FDP 5 days LBS, KASARAGOD Emerging
 Trends in Electrical Engineering 3 FDP 3 days SBCE, PATTOOR Recent Trends Research
 Direction in Electrical Engineering 4 FDP 6 days RIT, Kottayam Control of Electric Drives 5
 International level Workshop 5 days NAFE, MALAYSIA IOT, AI and machine learning for Engineers
 6 National level Workshop 2 days Vellore Institute of Technology VIT, Vellore Micro Grid with
 Distribute Generation and Electric Vehicles Publications Conferences Conferences
 SI.NOTITLECONFERENCEISBNISSN NUMBERYEAR 1 A Supervisory Control Strategy for
 BatteryUltra capacitor Energy Storage Management IEEE Conference ISBN: 9781728154756 2020
 2 Effective Battery Management with Ultra Capacitor for BLDC fed Electric Vehicles NFTP COS19
 ISSN: 2249 555X 2019 3 Automatic Energy Consumption And Cost Monitoring System With GSM
 NCREEE16 ISSN: 2278 8875 2016 Journal Publications SI. NOTITLEJOURNALISBNISSN
 NUMBERYEAR 1 Automatic Energy Consumption And Cost Monitoring System With GSM
 IJAREEIE ISSN: 2278 8875 2016 2 Effective Battery Management with Ultra Capacitor for BLDC fed
 Electric Vehicles IJAR ISSN: 2249 555X 2019 3 MPPT charge control for standalone PV application
 IJAREEIE ISSN: 2278 8875 2020 Achievements Attended more than 30 webinars conducted by
 various reputed companies and institutions. Worked as a resource person for various workshops on

CPROGRAMMING, ARDUINO AND MATLAB. Have won 2nd prize in the All Kerala InterCollegiate Techno Quiz Contest, in the Tech fest KINGS TECH 14, organized by Holy Kings College of engineering and technology, Pampakkuda. Has successfully completed Annual Training Camp conducted by 18k battalion, NCC directorate, Kerala and Lakshadweep.

Thushara Sukumar SJCET Palai Thushara Sukumar Software Development Center
20220511T04:00:5100:00 Prof. Thushara Sukumar Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9562551893 Email: thusharasukumarsjcetpalai.ac.in
Education Experience Journal and Conference Publications FDP Education
Sl.NoQualificationInstitutionSpecialization 1 M. E PSNACET, DINDIGUL Computer Science Engineering 2 B. Tech COLLEGE OF ENGINEERING KIDANGOOR Computer Science Engineering
Experience Sl.NoInstitutionPosition heldPeriod 1 Mar Baselios Institute of Technology and Science , Nellimattom. Assistant Professor in Computer Science and Engineering 01072011 to 09122016 2 College of Engineering, Kidangoor Assistant Professor in Computer Science and Engineering 03082017 to 1342018 and 0182018 to 14052019 Journal and Conference Publications International Journal Publications Ashy Eldhose¹ and Thushara Sukumar² ,Dynamic Privacy Protecting Short Group Signature Scheme ,International Journal On Cybernetics and Informatics Vol.5, No.2, April 2016, DOI: 10.5121/ijci.2016.5216, pg :147 154. International Conference Presented a paper entitled Detection of Brain Tumor based on Fuzzy SVM Classifier, International Conference on Emerging Technology Trends ICETT11 organized by Baselios Mathews II College of Engineering, Sasthamcotta, Kollam,Kerala, India during March 2526, 2011. National Conference Presented a paper entitled Detection of Brain Tumor based on Fuzzy SVM Classifier, at the National Conference on :Recent Trends in Communication, Computation and Security NCRTCCS11 organized by Christian College of Enginneering Technology, Oddanchatram on 11th March 2011. FDP Sl. NoDetails of the FDPSTTPRemarks 1 Participated in the 5day STTP on Web Management Using .NET JAVA Technologies, organized by the Department of Information Technology, held on 30112015 to 04122015 at College of Engineering, Kidangoor, Kerala. Sponsored by TEQIP Phase

II, 2 Participated in the 5day FDP on System Design using MATLAB held at Mangalam College of Engineering, Kottayam from 18th 22nd December, 2017 Sponsored by APJ Abdul Kalam KTU, 3 Completed the 6day AICTEISTE approved FDP on Outcome Based Education in Professional Institutions held during 27122021 to 01012022 organised by SJCET, Palai. Approved by AICTEISTE 4 Completed the oneday workshop on Python conducted by Department of Computer Science and Engineering, FISAT ON 09072015 at FISAT. 5 Completed 2day Workshop on Machine Learning and Deep Learning using Python, conducted by SCSIndia at Corporate Training Facility, Rukshana Tower, T.Nagar, Chennai, held during 2122, April 2018 6 Participated in the 3day FDP on ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Organized by Department of Computer Science Engineering, Sree Narayana Gurukulam College of Engineering, from 17th to 19th march 2022.

Tilba Thomas SJCET Palai Tilba Thomas Software Development Center 20230617T03:00:4900:00
 Dr. Tilba Thomas Assistant Professor Department of Civil Engineering Mobile Number: 91 9400523421 Email:: tilbasjcetpalai.ac.in Date of Joining: 06062012 Nature of association: Regular
 Education Experience Memberships FDPSTTP Publications AwardsAchievements Seminar
 Workshops Education Sl. NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech
 Gandhigram Rural Institute DU Gandhigram Rural Institute DU 2010 Civil Engineering 2 M.Tech.
 Kerala University T.K.M. College of Engineering 2012 Structural Engineering Construction
 Management 3 Ph.D. APJ Abdul Kalam Technological University Rajiv Gandhi Institute of
 Technology 2023 Civil Engineering Experience Sl. NoName of the
 collegeIndustryDesignationExperience 1 SJCET, Palai Asst. Professor 06.06.2012 31.12.2017 2
 Govt. Rajiv Gandhi Institute of Technology, Kottayam Research Scholar 01.01.2018 04.05.2022 3
 St. Josephs College of Engineering and Technology, Palai Assistant Professor 04.05.2022 Till date
 Memberships ISTE LIFE MEMBER FDPSTTP Six days AICTE ISTE sponsored online Faculty
 Development Program On Approaches Towards Earthquake and Wind Resistant Structural Designs
 15th20th March, 2021 organised by the Civil Engineering Department, Indus Institute of Technology
 Engineering, Indus University, Ahmedabad Five day TEQIP PHASE II sponsored Online Faculty

Development Programme on Smart Materials and Technologies in Civil Engineering organized by Department of Civil Engineering, College of Engineering Kidangoor from 22/02/2021 to 26/02/2021.

Five day online Faculty Development Program on Statistical and Simulation Modeling in Transportation Engineering organised by the Department of Civil Engineering, RIT, Kottayam 16th to 20th March 2021

Five day online Faculty Development Programme on Smart materials and technologies in civil engineering organized by the Department of Civil Engineering, College of Engineering Kidangoor from 22nd to 26th February 2021.

Two Week Faculty Development Program on Seismic Analysis and Design of RCC and Masonry Structures from 26th April 2020 to 6th May 2020 at Bannari Amman Institute of Technology, Erode, Tamil Nadu

AICTE sponsored QIP short term course on Professional Capacity Building in Structural Engineering from 4 to 16 December, 2017 at RIT Kottayam

Environmental Studies organized by IIT Bombay, 2nd June 2015 to 12th June 2015

Engineering Mechanics, 26th November 2013 to 06th December 2013, organized by IIT Bombay

Creative Teaching, 15th October 2013 to 15th October 2013 ,organized by AmalJyothi College of Engineering, Kanjirapally

Earthquake Resistant Design and Structural Rehabilitation, 1st July 2013 to 5th July 2013, organized by Rajiv Gandhi Institute of Technology, Kottayam

Biodegradable and NonBiodegradable Solid Waste Management, 4th February 2013 to 8th February 2013, organized by Government Engineering College, Thrissur

Introduction to Research Methodologies, 25th June 2012 to 04th July 2012, organized by IIT Bombay

Publications

Journal Publications

Thomas, T., Praveen, A., 2020. Emergy parameters for ensuring sustainable use of building materials. *Journal of Cleaner Production*, 276, 122382., Elsevier, SCIE indexed, IF 9.297

Tilba Thomas and A. Praveen, 2021, Regulating natural resource consumption in the construction sector using emergy model, *IOP Conf. Ser.: Mater. Sci. Eng.* 1114, 012033, doi:10.1088/1757-899X/1114/1/012033 Scopus Indexed

Conference Publications: Tilba Thomas, A. Praveen, Regulating natural resource consumption in the construction sector using emergy model, 6th Biennial International Conference on Emerging Trends in Engineering Science and Technology, Govt. Engineering College, Thrissur

ICETEST 2020 from 17th to 19th December 2020

Received Best Paper Award

Anitha Joseph, Lalu Mangal, Tilba Thomas 2013, Performance Evaluation of Groynes for Protecting Coastlines A Case Study of

Alappad Coast, Int. Conf. on Advances in Civil, Structural and Environmental Engineering, organised by London Research Press at Zurich, Switzerland, Oct 1213, 2013 Indexed in SEEK Digital Library, DOI : 10.15224978981077965843, Pages : 125 129, Electronic ISBN : 9789810779658 Thomas, T., Mangal, L., Joseph, A. 2012, December. Performance evaluation of detached breakwaters for sustaining the coastline of Alappad. In 2012 International Conference on Green Technologies ICGT pp. 037040, Jointly organized by Mar Baselios College of Engineering and Technology and University of Dayton, Thiruvananthapuram, India, Dec 1820, 2012, IEEE, DOI :: 10.15224978981077965843, Pages : 125 129, Electronic ISBN : 9789810779658 Awards/Achievements AWSAR AWARD 2020 Augmenting Writing Skills for Articulating Research by Department of Science and Technology, Govt. of India Best paper award for paper presented in conference, ICETEST 2020, GEC Thrissur, Kerala CERD Fellowship for pursuing Ph.D., by APJAKTU Seminar Workshops Residential Workshop on Essentials of Research at APJAKTU, Thiruvananthapuram during 9th to 13th July 2018 Workshop on Computer Aided design on Highways and Traffic Simulation at RIT, Kottayam sponsored by TEQIP, Phase II during 16th to 18th May 2018 Development Intervention, FEEL Teacher Learning, 12th December 2014 to 14th December 2014, organized by St. Josephs College of Engineering and Technology, Palai, Green Building Awareness, 24th August 2013 to 24th August 2013, organized by IIT Bombay Induction Training Programme on Teaching Excellence and Methodologies for Teachers of Engineering Colleges, 2nd July 2012 to 7th July 2012, at Govt. Engineering College, Trichur Institutionalizing Disaster Resistant Construction Practices, 27th October 2010 to 29th October 2010, organized by Institute of Land and Disaster Management

TimsonTomy SJCET Palai TimsonTomy Software Development Center 20190112T05:58:0400:00 Prof. Timson Tomy Assistant Professor Department of Mechanical Engineering Mobile Number: 9496323023 Email: timsontomy23gmail.com Date of joining :02022016 Association with the institution: Regular Education FDPSTTP Attended Education Sl.No Qualification University Institution Year of passing Specialization 1 B.Tech Kerala University TKMCE, Kollam 2012

Mechanical 2 M.Tech NITK Surathkal NITK Surathkal 2015 Materials Engineering FDPSTTP
Attended Sl. No Name of TrainingWorkshop Year Date Duration Organizer 1 Guidance and
Counselling 4th 8th December 2017 SJCET,Palai

Tinu Thomas SJCET Palai Tinu Thomas Software Development Center 20240622T04:28:0600:00
Prof. Tinu Thomas Assistant Professor Department of Electronics and Computer Engineering Mobile
Number: 91 9526725379 Email: tinuthomassjcetpalai.ac.in Date Of Joing SJCET: 01082023
Education Experience Memberships FDP Education DegreeSpecializationInstitutionUniversityYear
of Passing B.Tech. INFORMATION TECHNOLOGY MATHA COLLEGE OF
TECHNOLOGY,N.PARUR MG UNIVERSITY 2010 M.E COMPUTER SCIENCE AND
ENGINEERING ANNAMALAI UNIVERSITY ANNAMALAI UNIVERSITY 2012 P.hD. SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI SATHYABAMA INSTITUTE OF
SCIENCE AND TECHNOLOGY, CHENNAI PURSUING Experience Name of the
CollegeIndustryDesignationDate of JoiningDate of Relieving MANGALAM COLLEGE OF
ENGINEERING, ETTUMANOOR ASSISTANT PROFESSOR June 14, 2012 July 20, 2023
Memberships ISTE FDP Sl. NoName of TrainingWorkshopYear Date DurationOrganizer 1 Outcome
based education and essential AI tools for teachers 02 Nov 202309 Nov 2023 St Alberts college
Ernakulam and KSHEC 2 Cyber Security and Forensics 22 Jan 202426 Jan 2024 Mangalam
College of Engineering, Ettumanoor

Sreesh P R SJCET Palai Sreesh P R Software Development Center 20240319T04:33:2300:00 Prof.
Sreesh halobol alpha pharma stack P R Assistant Professor Department of Electronics and
Communication Engineering Mobile Number: 91 9446262573 Email: sreeshprsjcetpalai.ac.in Date of
joining SJCET: 31012008 Association with the institution: Regular Education Experience
Memberships FDP Lectures Delivered Publications Conference Papers Published Positions Held
Invited Talks NPTELMOOC Education Sl.NoQualificationUniversityYear of passingSpecialization 1
Diploma DTE Kerala 2004 Applied Electronics 2 B.Tech CUSAT 2007 Electronics and

Communication 3 M.Tech NIT Calicut 2012 Electronics Design Technology 4 Ph.D Pursuing NIT
 Puducherry ongoing VLSI Signal Processing Experience Teaching Experience : 11 Years
 Memberships Sl. No Name of Institution Type of Membership Membership ID 1 ISTE Life Time LM
 64495 2 IEEE Annual 93168980 FDP A Framework For Interoperable Blockchain To Streamline
 Supply Chain Communications, 28 November 2 December 2022, National Institute Of Technology
 Puducherry Advanced Communication System Design and Simulations, August 17 21, 2020. National
 Institute of Technology Puducherry Wearable Devices, AICTE Training And Learning ATAL
 Academy 17012022 to 21012022. Artificial Intelligence in Revolutionizing Healthcare, AICTE
 Training And Learning ATAL Academy 1907 2021 to 23072021 AI and Data Science a Pedagogical
 Approach, 9 13 August 2021, SJCT Palai Embedded System Design using Swadeshi Processor on
 FPGA, 07 April 2021 to 12th April 2021, NIELIT CALICUT Emerging Topics on Instrumentation,
 Electronics and Communications, 27 31 October 2021, Madanapalle Institute of Technology and
 Science, Madanapalle Digital System Design with Verilog and Vivado, 11th May to 15th May 2020,
 Sandeepani School of Embedded System Design, Bangalore Designing FPGAs Using the Vivado
 Design Suite, 8th June to 10th June 2020 Sandeepani School of Embedded System Design,
 Bangalore IoT and Data Science, AICTE Sponsored STTP, 29 December 2020 to 03 January 2021
 Lectures Delivered Sl. No Title Topic Year Duration Organizer 1 Embedded Systems 2016, 1 day
 FDP funded by TEQUIP, College of Engineering , Kidangoor 2 PCB Design OrCad 2015, 1 day
 Govt. Polytechnic College , Pala 3 PCB Spice lab 2014, 1 day Govt. Polytechnic College ,
 kaduthuruthy 4 Electronic Circuit Simulation Softwares 2014, 1 day College of Engineering ,
 Kidangoor Publications Sl. No Type of publication No. of publications 1 International Journals 2
 National Journals 3 International conference 4 4 National Conference 4 Books Book
 chapters Monograph International Conferences Sl. No. Title of the Paper Name of the Conference
 Venue Date 1 Comparative study of full adder circuits Recent Advancements in Effectual
 Researches in Engineering Science and Technology 2018 SJCT Palai, 2018 2 Development of
 6LoWPAN in Embedded Wireless System Recent Advancements in Effectual Researches in
 Engineering Science and Technology 2016 SJCT Palai, 2016 3 An Improved RealTime

Surveillance System for Home Security System using BeagleBoard SBC, Zigbee and FTP Webserver IEEE India Conference 2012 4 Electronic Water Supply Management System for Educational Institutions IEEE International conference IMac4s 2013 Conference Papers Published R. Sreesh and L. S. Kumar, Performance Analysis of Fixed Point FIR Filter Architectures, 2020 Third International Conference on Advances in Electronics, Computers and Communications ICAECC, Bengaluru, India, 2020, pp. 16, doi: 10.1109/ICAIECC50550.2020.9339519 S. Rakesh, P. R. Sreesh and S. N. George, An improved realtime surveillance system for home security system using BeagleBoard SBC, Zigbee and FTP webserver, 2012 Annual IEEE India Conference INDICON, Kochi, India, 2012, pp. 12401244, doi: 10.1109/INDCON.2012.6420808. Philip, V. S. Rakesh, P. R. Sreesh, N. R. Hemalatha and C. V. Raghu, Electronic water supply management system for educational institutions, 2013 International MutliConference on Automation, Computing, Communication, Control and Compressed Sensing iMac4s, Kottayam, India, 2013, pp. 7377, doi: 10.1109/iMac4s.2013.6526386. Aneela Achu Mathew and P R Sreesh, Comparative Analysis of Full Adder Circuits, International Conference on Recent Advancements and Effectual Researches in Engineering Science and Technology RAEREST 2021 April 2018, Kerala , IOP Conf. Ser.: Mater. Sci. Eng. 396 012041 DOI 10.1088/1757899X/396/1/012041 Amitha Chalappuram , Sreesh P R, Juney M George, Development of 6LoWPAN in Embedded Wireless System, Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology RAEREST 2016, Procedia Technology 25 2016 513 519 Positions Held Branch Counselor, IEEE Student Branch, SJCET Palai, June 2022 to till date Additional cheif superirendent, MG University B.Tech Degree Examinations, November 2014 to May 2018 Additional cheif superirendent, APJKTU PG Engineering Examination, December 2018 to December 2019 Invited Talks Advances In Engineering, Interathon Workshop series , St. Marys G H S S Pala Introduction to Embedded Systems, FDP funded by TEQUIP,College of Engineering, Kidangoor, August 2016 PCB Design OrCad, Polytechnic College , Pala Workshop on FPGA SYSTEM DESIGN Using Vivado, 2022 PCB Spice lab, Polytechnic College , kaduthurutu, 2014 Electronic Circuit Simulation Softwares, College of Engineering , Kidangoor, 2016 NPTELMOOC Machine learning, University of Washington,

Coursera, 8 Weeks Ethics, Technology and Engineering, Eindhoven University of Technology,
Coursera, 8 Weeks Design Thinking, University of Virginia, Coursera, 8 Weeks

Thomaskutty Mathew SJCET Palai Thomaskutty Mathew Software Development Center
20231127T03:25:0200:00 Prof. Thomaskutty Mathew Assistant Professor Department of Civil
Engineering Mobile Number: 91 7306980981 Email: thomaskuttymathewsjcetpalai.ac.in Education
Experience FDP Awards Achievements Education CourseSpecializationCollegeUniversityYear 1 M
Tech Transportation Engineering RIT, Govt. Engineering College, Kottayam APJAKTU 2020 2 B
Tech Civil Engineering Amal Jyothi College of Engineering MGU 2016 Experience
KSCSTENATPAC Project Engineer 12112020 22112021 Primecraft Construction Project Engineer
10 months FDP Outcome Based Education in Professional Institutions, Department of Mechanical
Engineering, SJCET Palai Awards Achievements Gate 2017,2018 qualified

Sreelakshmi K R SJCET Palai Sreelakshmi K R Software Development Center
20240722T09:21:1900:00 Prof. Sreelakshmi K R Assistant Professor Department of Electronics and
Computer Engineering Mobile Number: 91 8281030360 Email: sreelakshmisjcetpalai.ac.in Date of
joining SJCET:01072024 Education Experience FDP Education Degree Specialization Institution
University Year of Passing B.Tech. IT CoE Kidangoor CUSAT 2013 M.Tech. CIS CoE Kidangoor
CUSAT 2016 Experience Name of the CollegeIndustry Designation Date of Joining Date of
Relieving RIT Kottayam Project Fellow 2582016 382018 CoE kidangoor Assistant Professor 392018
9112018 RIT Kottayam Assistant Professor 12112018 1032022 FDP SI. NoName of
TrainingWorkshopYear Date DurationOrganizer 1 Inculcating universal human values in technical
education 26 November 2020 5 days AICTE 2 Hands on workshop on machine learning algorithms
24 September 2021 3 days Department of computer science, CoE Attingal 3 Workshop on
Preparedness for NBA Accreditation 27 November 2021 1 day IQAC,RIT Kottayam 4 Hands on
session on HMM toolkit for speech processing 78 August 2017 2 days Department of ECE RIT
Kottayam

Sruthy S SJ CET Palai Sruthy S Software Development Center 20241029T04:14:5200:00 Dr.
 SRUTHY S Associate Professor HoD Computer Science Engineering Cyber Security Mobile
 Number: 91 7907757129 Email: sruthysjcetpalai.ac.in Date of Joining:01.06.2020 Education
 Experience Memberships Publications Conferences Courses Workshops Conference Publication
 Training Faculty Development Programmes Attended Organized NPTELMOOCOnline Certification
 Courses Education Sl.NoQualificationUniversityYear of passingSpecialization 1 B.Tech Anna
 University 2009 Computer Science and Engineering 2 M.Tech Amrita University 2014 Computer
 Vision and Image Processing 3 Ph.D Noorul Islam University 2020 Computer Vision and Image
 Processing Experience Sl. NoName of the collegeIndustryDesignationExperience Years Months 1
 St. Josephs College of Engineering Technology, Palai Associate Professor 18042022 to till date 2
 St. Josephs College of Engineering Technology, Palai Assistant Professor 01062020 17042022 3
 Sree Buddha College of Engineering Assistant Professor 0711201130052020 Memberships Institute
 of Electrical and Electronics Engineers, IEEE Professional Member 97444762 International
 Association of Engineers IAENG 275047, Indian Society for Technical Education ISTE Publications
 Sl.NoTitle of PaperName of journalYear, Volume ISSNISBN No. 1 Curve Fitting and Mesh
 Construction in Documents Journal of Computational and Theoretical Nanoscience Volume 15,
 Number 67, JuneJuly 2018, pp. 20762081 2 Fix Bad Scanned Character, Line and Paragraph of
 Curved Document Images Journal of Advanced Research in Dynamical and Control Systems
 Volume 9, Special Issue 18, 2017, pp. 10841096. 3 Dewarping on Camera Document Images
 International Journal of Pure and Applied Mathematics Volume 119, Special Issue 16, 2018, pp.
 10191044. 4 Missing Data Imputation by Evidence Chain International Research Journal of
 Engineering and Technology IRJET eISSN: 23950056, Vol. 6, Issue 3, March 2019.Impact factor
 7.211. 5 Evidence Chain for Missing Data Imputation: Survey International Research Journal of
 Engineering and Technology IRJET eISSN: 23950056, Vol. 5, Issue 11, November 2018. Impact
 factor 7.211. 6 SVM and Random Forest Classification Methods for Fingerprint Liveness Detection
 International Research Journal of Engineering and Technology IRJET eISSN: 23950056, Vol. 5,

Issue 2, February 2018. Impact factor:6.171 7 Survey on Efficient Certificateless Access Control for Wireless Body Area Networks International Journal of Engineering and Computer Science IJECS eISSN:23197242, Vol. 6, Issue 1, January 2017. 8 Survey on Steganography using Reversible Texture Synthesis International Journal of Engineering Research IJER eISSN: 23196890, Vol. 5, Issue 6, June 2016. 9 Survey on Metric Rectification of Warped Document Images International Journal of Technical Research and Applications IJTRA eISSN: 23208163, Vol. 4, Issue 3, May June 2016. Impact factor:5.11 SJIF. 10 Residual UNet approach for thyroid nodule detection and classification from thyroid ultrasound images Automatika SCI 2024, 65:3, page 726737, 11 Enhancing traffic sign recognition TSR by classifying deep learning models to promote road safety. Signal, Image and Video Processing SCI 12 Unleashing the Power of Deep Attention Networks: A Comprehensive Approach for Enhanced Artificial Intelligence International Journal on Recent and Innovation Trends in Computing and Communication 2023 Volume 11, Issue 9, Pages 118122. 13 Data Analytics Using Machine Learning for Cyber Security Safeguards Individual Privacy International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems ICSESSCOPUS 2023 December, pp. 15. IEEE. Conferences Sl. No. Title of the PaperName of the ConferenceVenue Date 1 Scale Invariant Detection of CopyMove Forgery using Fractal dimension And Singular values Second International Symposium on Signal Processing and Intelligent Recognition Systems SIRS15. 2 Image Fusion Technique using DTCWT IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, Imac4s2013 March 2223 Organized by SJCET in association with IEEE Kerala Section. 3 Image Fusion Technique using Wavelet Transform IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, Imac4s2013 March 2223 Organized by SJCET in association with IEEE Kerala Section. 4 Image Fusion Technique using Curvelet Transform International Conference on Advances in Computer Engineering, ACE2011, August 25 Organized by Association of Computer Electronics and Electrical Engineers, ACEEE. 5 Presented poster on The Development of Image Fusion Toolbox International Womens conference conducted by ACM on Sep 1617, 2010. Association for Computing Machinery

Courses Workshops Short Term Course Workshops Attended: Awarded certificate for participation in Cross Platform Mobile App Development conducted by ICFOSS, Sree Buddha College of Engineering, Pathanamthitta, 06th and 7th April 2018 Awarded Certificate on completion of Linux Training Programme of IPSR solutions Ltd., by Dr. Mendux Jacob MD CEO. Attended ISTE sponsored STTP on Fuzzy Logic and Neural Networks using Matlab Tools organized by Amal Jyothi College of Engineering, Kanjirappally on 12th and 13th July 2017. Participated in Faculty Development Programme in Concepts Coaching Conducted by ICT Academy of Kerala from 17/2/2016 to 19/2/2016 at Sree Buddha College of Engineering, Pathanamthitta. Attended Two weeks AICTE sponsored Faculty Development Program on SIGNAL PROCESSING AND IMAGE ANALYSIS titled SPIA 15 held from 16th March 2015 to 28th March 2015 organized by Department of Electronics and Communication Engineering, at Sree Buddha College of Engineering for Women, Elavumthitta. Attended Short Term Course on Digital Image Processing sponsored by Directorate of technical education, Government of Kerala, Organized by Department of Computer Science and Engineering at Rajiv Gandhi Institute of Technology Govt. Engg. College, Vellor P.O, Kottayam from 05/01/2015 to 10/01/2015. Course Coordinator: Prof. Dr. Shobhana N.V. Attended and completed the training in IBM SEED program, where the technology used is Rational Software Architect with Reg. No. RTN1344 from 06 Dec 2013 to 09 Dec 2013 from Software Engineering for Educational Development. Attended Two days Workshop titled Ethical Hacking held on 20th and 21st February 2014 organized by Computer Society of India, Education Directorate, National Headquarters, C I T campus, Taramani, Chennai 600 113 at Sree Buddha College of Engineering for Women, Elavumthitta. Attended Workshop titled Ethical Hacking and Cyber Security held on 24th September 2013 organized by Computer Society of India, Education Directorate, National Headquarters, C I T campus, Taramani, Chennai 600 113 at Sree Buddha College of Engineering for Women, Elavumthitta. Attended Image Processing Workshop and have contributed to it by taking seminar on Spatial Filtering and Morphological operations conducted in Amrita College for 3 days on Feb 2011. Attended Jade Workshop on Personality Development and Career Guidance. Online Workshops Attended: Attended Webinar on Wireless Technology using Arduino on 7th August 2020 hosted by

NoviTech, Ernakulam Attended Webinar on Power of Artificial Intelligence in IoT on 28th August 2020 organized by IoT Lab and Bannari Amman Institute of Technology in association with NoviTech, Ernakulam Attended National Level Research and Innovation Webinar on Writing and Publishing Research Articles in SCI Journals A Framework jointly organized by Research and Innovation Council RRIIC of Raja Rajeswari College of Engineering, Bangalore on 19th August 2020. Participated in one day webinar on Python and Embedded System on 5th August 2020. Participated in one day webinar on Wireless Technology using Arduino on 7th August 2020 Attended 6 days AICTE sponsored short term training programme on Block Chain Fundamentals organized by Saintgits College of Engineering, Kottayam, Kerala from 24th 29th August 2020. Participated in Webinar Power of Artificial Intelligence in an IoT organized by IoT Lab and Department of Electronics and Communication Engineering Bannari Amman Institute of Tehnology, Sathyamangalam on 28th August 2020. Webinar on Future with artificial intelligence organized by ICCS College of Engineering and Management by AI Village together with ICCS COLLEGE OF ENGINEERING AND MANAGEMENT, Thrissur, Kerala on November 14th 2020 Attended AICTE Sponsored SixDay Short Term Training Program STTP under AICTE Quality Improvement Schemes AQIS on Data Science: Unfolding Layers of Knowledge Phase I organized by Department of Computer Science Engineering from 2328 Nov, 2020. Completed the Short Term Training Programme on Scientific Computing with Python from 9th to 20th November 2020, organised by the Department of Electronics Communication Engineering and sponsored by the Technical Education Quality Improvement Programme TEQIP, Govt. of India. AICTE Sponsored STTP Attended two weeks AICTEs eSIP: Online Student Induction Program 2020 from 8th Nov 202020th Participated in FDP on Artificial Intelligence and Data Science organized by Sree Narayana Gurukulam College of Engineering, from 17th to 19th March 2022. Completed oneday workshop on SCI Scopus Research paper writing and publishing organized by Educorp Centre for Research and Advanced Studies Pvt. Ltd. on 20th Feb 2022. Completed the AICTEISTE approve Orientation Refresher Programme on Advances in Cyber Security held during 19th 25th Jan 2022. Attended the eworkshop Impact beyond successful publications: Methodology and ethical process held during 15th and 16th Oct

2021 with GRAWW research and education. Completed the five day online FDP on Machine learning using python organized by Sree Buddha College of Engineering, Alappuzha during 18th 22th Oct 2021. Completed NPTEL FDP on Big Data Computing, AugOct 2021. Conference Publication Sruthy S et al, published a paper entitled DDOS Attack Detection and Mitigation System, in the proceedings of NCASCD23: 2nd National Conference on Advances in Smart Computing Data Science held at Kerala, on 24th 25th May 2023, organized by Mar Baselios Christian College of Engineering and Technology, Peermade, Idukki. Sruthy S et al, published a paper entitled A Reliable Method for Detecting Brain Tumors in Magnetic Resonance Images Utilizing Efficient Net, in the proceedings of Nacore23: National Conference on Research in Emerging Areas, April 2023, organized by Amal Jyothi College of Engineering Kanjirappally. Training Faculty Development Programmes Attended Organized Attended Unleashing Emerging Research Trends and Advancements in Computer Science 2.0 sponsored by VITAP University, Amaravati during 24th to 28th July 2023. Attended Emerging Trends in Multimedia Processing and Security, sponsored by MeitY, Govt. of India NIT Patna, during 3rd to 7th July 2023. Attended FDP on Ethical Hacking, sponsored by, NPTEL during JulyOct 2023. Attended FDP on Privacy and Security in Online Social Media, sponsored by, NPTEL during JulyOct 2023. Attended FDP on outcomebased education for NBA accreditation, sponsored by Eranad Knowledge City Technical Campus, Manjeri on 19th Aug 2023. Attended IP Awareness and Training Programme under NIPAM, Govt. of India on 2822023. Attended 2day online FDP on Network Security Tools and Implementations organized by the Department of Computer Science and Engineering Cyber Security, Vimal Jyothi Engineering College, Kannur, from 15th 16th July 2024. NPTELMOOCOnline Certification Courses

Sl. No.	Name of Course	Certifying Agency	Period of Study	Date of Completion
1	Big Data Computing	NPTEL	AugOct 2021	
2	Database Management System	NPTEL	Jan Mar2022	
3	Cloud Computing and Distributed Systems	NPTEL	Jan Mar2022	
4	Cyber Security and Privacy	NPTEL	JulOct 2023	
5	Privacy and Security in Online Social Media	NPTEL	JulOct 2023	
6	Ethical Hacking	NPTEL	JulOct 2023	

State Assessment and Accreditation Centre SJCET Palai State Assessment and Accreditation Centre Software Development Center 20201111T09:16:4000:00 Members NameDesignation Dr. Madhukumar S,Vice Principal Coordinator Dr. Ignatius Korah, HoD, SH Member Dr. V.P. Devassia, HoD, ECE Member Dr. Binoy Baby, HoD, ME Member Dr. Ance Mathew, HoD, CE Member Dr. Joby P P., HoD, CSE Member Dr. Ajith K Thomas, HoD, MBA Member Dr. George Tom Varghese, HoD, EI Member Dr. Ginu Ann George, HoD, EE Member Mr. K. M. Thomas, SAO Member Mr. Suresh George, Finance Officer Member Mr. Sachin Jose, Placement Officer Member Mr. Justine Thomas, Librarian Member

Steffy Maria Jose SJCET Palai Steffy Maria Jose Software Development Center 20250217T10:51:3600:00 Dr. Steffy Maria Jose Assistant Professor Department of Science and Humanities Mobile Number: 9207972488 Email: steffysjcetpalai.ac.in Education Publications Conferences attended Education SI.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Sc. MG Uty Alphonsa College, Pala 2012 Physics 2 M.Sc. MG Uty St Thomas College, Pala 2014 Physics 3 M.Phil MG Uty SB College, Changanacherry 2016 Physics 4 Ph.D Kerala Uty Mar Ivanios College, Trivandrum 2024 Physics Publications Steffy Maria Jose, C T Mathew, Y.V Swapna, J S Lakshmi, J K Thomas, Synthesis of Ultrafine Nanopowder of Y2O3ZnO composite by a modified combustion method for their application as infrared transparent ceramic materials, in: Emerging Trends in Advanced Spectroscopy, River Publishers, 2022. DOI: 10.1201978100333809316 Steffy Maria Jose, C T Mathew, J K Thomas, Fabrication of dysprosium doped Y2O3 infrared transparent ceramic materials by a microwave sintering technique, Mater. Today: Proc.,4 2020, DOI: 10.1016j.matpr.2020.03.768. Steffy Maria Jose, J K Thomas, C T Mathew and Sam Solaman, Structural, optical and thermal studies of yttriadysprosia nanocomposite: A suitable infrared transparent ceramic material, AIP Conf. Proc. 2263 2020 DOI:10.10635.0018621 Steffy Maria Jose, C T Mathew, Sam Solaman and J. K. Thomas, Effect of cerium oxide in reinforcing the properties and densification of yttria ceramics, AIP conference proceedings, 2162 2019, DOI: 10.10631.5130363 Rini Varghese, Steffy Maria Jose, Lakshmi J S,

Abraham A, J K Thomas, Enhanced optical, electrical, dielectric, and photovoltaic properties in strontium titanate by Codoping through a modified combustion method, J. Integr. Sci. Technol., 12 2024 781, DOI: 10.62110sciencein.jist.2024.v12.781 , ISSN: 23214635. Rini Varghese, Steffy Maria Jose, Lakshmi J S, J K Thomas, Investigation of the structural, optical, electrical, and photovoltaic characteristics of nanostructured Codoped BaTiO₃ by a modified combustion method, Opt. Quant. Electron., 56 2024, DOI: 10.1007/s11082023056869, ISSN: 1572817X. Lakshmi J S, Rajesh S, E K Suresh, Rafael A Raimundo, Rini Varghese, Steffy Maria Jose, J K Thomas, Lowtemperature sintering of Zn₂Cu_xV₂O₇ · xH₂O nanoceramics as an LTCC material, synthesized through combustion route, and a study on the influence of copper in their structural and dielectric behavior, Ceram. Int., 2023, DOI:10.1016/j.ceramint.2023.12.118, ISSN: 02728842 Y V Swapna, C T Mathew, J K Thomas, J S Lakshmi, Steffy Maria Jose, Synthesis and Characterization of Hydroxyapatite Nanoparticles Using a Novel Combustion Technique for Bone Tissue Engineering, in: Emerging Trends in Advanced Spectroscopy, River Publishers, 2022. DOI: 10.1201/978100333809320. B R Baby, Y V Swapna, Steffy Maria Jose, Bc InfraredTransparent Nanostructured Nd_{0.2}Y_{1.8}O₃ synthesized by a modified Combustion Technique, Scholar: National school of leadership, 2021. ISSN: 23203013 Conferences attended Steffy Maria Jose, Lakshmi J S., Rini Varghese, C T Mathew, J K Thomas, Microwave hybrid sintering strategy for the fabrication of highquality 8YSZ ceramics for infrared transparent applications, NCMST 2024, St Thomas college, Pala Steffy Maria Jose, C T Mathew and J K Thomas, Fabrication of Dysprosium doped Y₂O₃ infrared transparent ceramic materials by microwave sintering technique, International Conference on Material Science and Nanotechnology ICMN 2019, Nagercoil, Tamil Nadu Steffy Maria Jose and J K Thomas, The preparation and characterization of Yttria stabilized zirconia 8Y₂ZrO₃ nanoparticles for the fabrication of infrared windows and domes, Fourth International Conference on Nanomaterials, ICN 2019, MG University, Kerala Steffy Maria Jose, C T Mathew Jijimon K. Thomas Effect of Cerium Oxide in Reinforcing the Properties and Densification of Yttria Ceramics, International Conference on Advanced Materials, ICAM2019, Nirmalagiri College, Kannur, Kerala Steffy Maria Jose and J K Thomas, Study on YttriaAlumina Nanocomposite system for their applications as infrared

transparent ceramic material, 31st Kerala Science Congress, KSC 2019, Kollam, Kerala. Steffy Maria Jose and J K Thomas, Synthesis of Dy³ ion doped nanocrystalline Y₂O₃ ceramics by a modified combustion technique, 2nd International Conference on Materials Science and Research, ICMSR 2018, Frankfurt, Germany. Steffy Maria Jose, J K Thomas, Y V Swapna, J S Lakshmi, C T Mathew and S Solomon, Synthesis and characterization of ZnO/Y₂O₃ nanocomposites for their application as infrared transparent materials, International conference of molecular spectroscopy, ICMS 2017, M G University, Kerala Y V Swapna, J K Thomas, C T Mathew, J S Lakshmi, Steffy Maria Jose and S Solomon,, Synthesis and characterization of hydroxyapatite nanoparticles using a novel combustion technique for bone tissue engineering, International Conference on Molecular Spectroscopy, ICMS 2017, M G University, Kottayam, Kerala J S Lakshmi, J K Thomas, Y V Swapna, Steffy Maria Jose, Sam Solaman, Synthesis and characterization of vanadium pentoxide nanoparticles, International Conference on Molecular Spectroscopy, ICMS 2017, M G University, Kottayam, Kerala Steffy Maria Jose, J.K.Thomas, Y.V Swapna, J.S. Lakshmi, C.T Mathew and S. Solomon, ZnO/Y₂O₃ nanocomposite IRT ceramics using ultrafine nanopowder synthesis by a wet chemical modified combustion technique, National Seminar on Advanced Functional Materials, NSAFM 2017, Mar Ivanios College, Trivandrum, Kerala.

Tom Pious SJ CET Palai Tom Pious Software Development Center 20230929T09:14:1200:00 Mr. Tom Pious Assistant Professor Department of Science and Humanities Mobile Number: 8714328509 Email: tompioussjcetpalai.ac.in Date of Joining: 04092023 Education Experience Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 M.A Kerala University ST. Michaels college Cherthala 2014 ECONOMICS 2 M.Phil. Kerala University University College Thiruvananthapuram 2018 ECONOMICS Experience Sl.NoName of the collegeIndustryDesignation Experience Years Months 1 Maharajas College, Ernakulam Guest Lecturer 5 Months 2 ST. Pauls College Kalamassery Asst. Prof. On Contract 1 Year 6 Months 3 The Cochin College Kochi Asst. Prof. On Contract 1 Year 6 Months

Tom Thomas SJCET Palai Tom Thomas Software Development Center 20190112T09:42:5000:00
Mr. Tom Thomas Instructor Department of Mechanical Engineering Qualification:Diploma Date of
joining: 19022004 Association with institution: Regular

Subini Therese Babu SJCET Palai Subini Therese Babu Software Development Center
20230811T05:51:4200:00 Prof. Subini Therese Babu Assistant Professor Department of Computer
Science Engineering Mobile Number: 91 9605642552 Email: subinitheresebabusjcetpalai.ac.in
Education Experience STTPFDP Conference SeminarsWorkshops attended Education
DegreeSpecializationInstitutionUniversityYear of Passing B.Tech. CSE M.A. College of Engineering,
Kothamangalam M.g. University 2008 M.E. Software Engineering College of Engineering, Guindy,
Chennai Anna University 2011 Experience Name of the CollegeIndustryDesignationDate of
JoiningDate of Relieving Govt. Model Engineering College, Thrikkakkara Assistant Professor
contract 1072013 17012014 Govt. Model Engineering College, Thrikkakkara Assistant Professor
contract September 5, 2015 April 29, 2016 Amal Jyothi College of Engg, Kanjirappally Assistant
Professor July 17, 2011 May 25, 2012 STTPFDP Conference SeminarsWorkshops attended 2week
ISTE workshop on Software Development Techniques for Teachers of Engineering and Science
Institutes conducted by IIT Bombay

Tissa Tom SJCET Palai Tissa Tom Software Development Center 20240319T07:42:0400:00 Prof.
Tissa Tom Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91
9496262603 Email: tissatomsjcetpalai.ac.in Date of Joining: 12072013 Appointment: Permanent
Education Experience Memberships Publications FDP TrainingsWorkshops Attended Education
Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi
University ,Kottayam St.Josephs College of Engineering and Technology,Palai Electrical Electronics
Engineering 2 M.Tech Mahatma Gandhi University ,Kottayam Federal Institute of Science And
Technology, Angamali Power Electronics and Power Systems Experience St. Josephs College of
Engineering and Technology, Palai: Assistant Professor: 12072013 onwards. Memberships Life

Member, Indian Society for Technical Education ISTE ID: LM104073 Professional Member, IEEE.

ID: 98180114 Publications International Journals

Sl.No	Title of Paper	Name of journal	Publisher	Year,	Volume	ISSN	ISBN	No.
1	Power compensation in Distribution systems Based on Optimization Technique	International Journal of Engineering and Innovative Technology IJEIT		Volume 3 , issue2,01082013,ISSN: 22773754				
2	Comparison between Conventional and Modified Cascaded HBridge Multilevel InverterFed Drive	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering IJIREEICE		Volume 3, Issue 9,01092015,ISSN: 23212004				

International Conferences

Sl. No.	Title of the Paper	Name of the Conference	Venue	Date
1	Active and reactive Power compensation in Distribution systems Based on Biogeography Based Optimization Technique	IEEE Conference CET,Trivandrum		1315 Dec. 2013

FDP

Sl. No	Name of Training	Workshop	Year	Date	Duration	Organizer
1	Induction Training programme on Teaching Excellence and Methodologies for Teachers of Engineering Colleges by Indian Society for Technical Education ISTE.		24062013	29062013,	five days	Organized by ISTE at SJCET,Palai
2	One week MHRDTEQIP sponsored faculty development programme on Research, Innovations and Technologies for Smart Micro grid		814 June 2014,	7 days	Organized by MHRDTEQIP at NIT,Calicut	
3	NPTTEL AICTE FDP on Introduction to Smart Grid		1 week FDP	06082018 to 29092018	MHRD	
4	Short Term Course on Solid State Control of Electric Drives through ICT		2125 July,2014,	5 days	MHRD National Institute of Technical Teachers Training and Research Chandigarh	
5	Two week ISTE workshop on Control Systems held under the National Mission on Education through ICT		212 Dec,2014,	10 days	MHRDTEQIP	
6	Two week ISTE STTP on Introduction to Design of Algorithms Methodologies		May 1830,2015,	2 weeks	MHRDTEQIP by Indian Institute of Technology, Kharagpur	
7	STTP on Electric Power Generation, Transmission Distribution		01st 03rd March,2016,	3 days	TEQIPII , CAPE, Kidangoor	
8	Two Week ISTE STTP on Electric Power System		1015 July 2017,	2 weeks	IIT Kharagpur under National Mission on Education through ICT MHRD, Govt. of India	
9	One day training course on ISO 9001:2015 Awareness		January 29, 1900		ZANDIG TQM Solutions PVT.LTD	

TrainingsWorkshops Attended

Sl. No	Name of Training	Workshop	Year	and
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DateDurationOrganizer 1 Induction Training programme on Teaching Excellence and Methodologies for Teachers of Engineering Colleges by Indian Society for Technical Education ISTE. 2406201329062013, five days Organized by ISTE at SJ CET, Palai 2 One week MHRD TEQIP sponsored faculty development programme on Research, Innovations and Technologies for Smart Micro grid 814 June 2014, 7 days Organized by MHRD TEQIP at NIT, Calicut 3 Short Term Course on Solid State Control of Electric Drives through ICT 2125 July, 2014, 5 days MHRD National Institute of Technical Teachers Training and Research Chandigarh 4 Two week ISTE workshop on Control Systems held under the National Mission on Education through ICT 212 Dec, 2014, 10 days MHRD TEQIP 5 Two week ISTE STTP on Introduction to Design of Algorithms Methodologies May 1830, 2015, 2 weeks MHRD TEQIP by Indian Institute of Technology, Kharagpur 6 STTP on Electric Power Generation, Transmission Distribution 01st 03rd March, 2016, 3 days TEQIP II, CAPE, Kidangoor 7 Two Week ISTE STTP on Electric Power System 1015 July 2017, 2 weeks IIT Kharagpur under National Mission on Education through ICT MHRD, Govt. of India 8 One day training course on ISO 9001:2015 Awareness January 29, 2018 ZANDIG TQM Solutions PVT. LTD 9 NPTEL FDP on Introduction to Smart Grid 1 week FDP 06082018 to 29092018 AICTE 10 NPTEL Course on Electric Vehicle Part 1 26022019 23032019 AICTE 11 Research initiatives in renewable energy systems 21072020 to 25072020, 5 days MITS Ernakulam 12 AICTE Sponsored STTP on Guidance Counselling 12th to 17th October 2020, 5 Days SJ CET, Palai 13 online workshop on Universal Human Value on the theme Inculcating Universal Human Values in Technical Education 19th to 23rd October 2020, 5 days All India Council for Technical Education AICTE 14 MOOC Course on Energy The Enterprise 12042020 28042020 The State University of New York 15 MOOC Course on Electric Power Systems 13042020 26042020 The State University of New York 16 MOOC Course on Natural Gas 14042020 29042020 The State University of New York 17 MOOC Course on Introduction to solar cells 27042020 30052020 Technical University of Denmark 18 FDP on Electric Vehicles: Exploring inside the box 08062020 12062020 MEA Perinthalmanna 19 AICTE Training And Learning ATAL Academy Online FDP on Power Electronics for Power Systems 6th to 10th December 2021 Rajiv Gandhi Institute of Technology, Kottayam

Sujamol S SJCET Palai Sujamol S Software Development Center 20230427T06:53:2000:00 Ms. Sujamol S Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9447772133 Email: sujamolssjcetpalai.ac.in Date of Joining: 12042023 Education Experience International Journal Publications International Conference National Conference Seminars Awards Achievements Education SI.No Qualification Institution College Specialization Year of Passing 1 Ph.D. School of Computing, Amrita Vishwa Vidyapeetham, Kochi Computer Science Ongoing 2 M.Tech Christ Knowledge City, Mannoor Computer Science and Engineering 2015 3 B.Tech SNMIMT, Maliankara, Ernakulam. Computer Science and Engineering 2010 Experience SI No Institution Position held Period 1 IHRD Model Polytechnic, Mala Guest Lecturer 17062011 to 09032012 2 IHRD Model Polytechnic, Mala Guest Lecturer 01082012 to 27032013 3 Christ Knowledge City, Mannoor Assistant Professor 02122015 to 30062016 4 SNGIST, North Paravur Assistant Professor 06072016 to 06082016 5 SJCET, Palai Assistant Professor 12042023 to till date International Journal Publications S,S., E R,V., and Krishnakumar, U. 2023. Improving miRNA Disease Association Prediction Accuracy Using Integrated Similarity Information and Deep Autoencoders in IEEEACM Transactions on Computational Biology and Bioinformatics, vol. 20, no. 02, pp. 11251136, 2023.doi: 10.1109/TCBB.2022.3195. Scopus, Web of Science, PubMed, Impact Factor 3.702, Q1. S.Sujamol, E.R.Vimina and U.Krishnakumar 2021 Improving Recurrence Prediction Accuracy of Ovarian Cancer Using Multiphase Feature Selection Methodology, Applied Artificial Intelligence, Taylor Francis, 35:3, 206226, DOI:10.1080/08839514.2020.1854988. Scopus, Web of Science, Impact Factor 2.77, Q2 Sujamol, S., Vimina, E. R., Krishnakumar, U. 2021. Towards the Hidden Play of MicroRNAs in Complex Disorders A Detailed Analysis of MiRNA Expression Profiling Using Feature Selection and Classification Methods. In Advances in Electrical and Computer Technologies: Select Proceedings of ICAECT 2020 pp. 6373. Springer Singapore. Sujamol, S., Ashok, S., Krishnakumar, U., Anoob, C. S. 2018, July. A genetically optimized method for weight updating in fuzzy cognitive maps. In 2018 international conference on emerging trends and innovations in engineering and technological research ICETIETR pp. 15. IEEE. Sujamol, S.,

Ashok, S., Kumar, U. K. 2017. Fuzzy based machine learning: a promising approach. CSI Commun. Knowl. Digest for IT Community, 418, 2125. Sujamol S, Maya L Pai and U Krishnakumar., A Review on Semantic Social Network Analysis using Fuzzy Technique, International Journal of Trend in Research and Development, Volume 44, 279282, ISSN: 23949333, JulyAug 2017. Sujamol, S., Ashok, S., Krishnakumar, U. 2018. Study of fuzzy cognitive maps for modeling clinical support systems. International Journal of Pure and Applied Mathematics, 11912, 1543345. Sujamol, S., Anoob, C. S 2015. Arnold Transforms Based Image Watermarking In 4Level DWT Using KD Trees. International Journal of Advanced Engineering and Global Technology, Vol03, Issue10, November 2015, ISSN No: 23094893. Sujamol, S., Anoob, C. S 2017. Analysis of Utility Based Pattern Mining using Neural Networks. Issn: 24557838Online.EPRA International Journal of Research and Development IJRD.SJIF Impact Factor: 4.144 Volume: 2 | Issue: 8 . Sujamol, S., Arya T.K 2014. Identifying and Analyzing Efficient Pattern Discovering Techniques for Text Mining. International Journal of Research in Computer and Communication Technology. International Conference Presented the paper entitled Towards the Hidden Play of MicroRNAs in Complex DisordersA Detailed Analysis of MiRNA Expression Profiling Using Feature Selection and Classification Methods in the International Conference on Advances in Electrical and Computer Technologies 2020 ICAECT 2020 Scopus ,Tamil Nadu. Presented the paper entitled A genetically optimized method for weight updating in fuzzy cognitive maps in 2018 international conference on emerging trends and innovations in engineering and technological research ICETIETR, IEEE Scopus organized by ToCH Institute of Science and Technology,Ernakulam. Presented the paper entitled A Comparative Study of Fuzzy Techniques Applied in Social Network Analysis in INTERNATIONAL CONFERENCE on SCIENCE, ENGINEERING TECHNOLOGY and MANAGEMENT ICSETM 2017 organised by KE college,Mannanam Presented the paper entitled Adaptive Watermark Embedding Using Tree Based Structures in International Conference on Technical Challenges in Instrumentation, Computer Science, Civil, Mechanical ,Electronics and Electrical Engineering, Organised by Christ Knowledge City,Mannoor National ConferenceSeminars Presented the paper entitled Analysis of Efficient Mining Algorithms, Techniques and their Applications in National

Conference on Advanced Technology in Computer Science and Communication organised by METS School of Engineering, Thrissur. Presented the paper entitled Analysis of Utility Based Pattern Mining Using Neural Networks in NATIONAL LEVEL SEMINAR on Research Trends in Data Mining Organised by SNGIST group of institutions, N PARAVUR Presented the paper entitled A Review on Semantic Social Network Analysis using Fuzzy Technique in the UGC sponsored national seminar entitled Recent Developments in Fuzzy set Theory organized by Christ College, Irinjalakuda, Thrissur Awards Achievements Received the Highest Committed Student Branch Activist Award under CSI Academic Award at the CSI Annual Convention 2020 and awarded during the CSI 2020 Annual Convention held during 16th through 18th January 2020 at KIIT University, Bhubaneswar on the theme Digital Democracy IT for Change. Received Student with maximum publishing in CSI Publications Award in recognition of significant contribution to the CSI activities under CSI Academic Award at the CSI Annual Convention 2020.

Tomson Devis SJCET Palai Tomson Devis Software Development Center 20240718T03:52:5400:00
Dr. Tomson Devis Associate Professor Department of Electronics and Communication Engineering
Mobile Number: 91 9446126652 Email: tomsondevissjcetpalai.ac.in Date of joining SJCET: 01012007 Association with the institution: Regular Education Experience Memberships Achievements Publications Trainings attended Conferences conducted Education
Sl.NoQualificationUniversityYear of passingSpecialization 1 B.Tech Mahatma Gandhi 2004 ECE 2 M.Tech Kerala 2006 Microwave and Television 3 Ph. D. KTU 2022 Signal Processing Experience
Date of joining SJCET : 01012007 TEACHING EXPERIENCE 16.5 YEARS January 2007 Present
Joined as Lecturer in January 2007 Promoted to Senior Lecturer in November 2008 Promoted to Assistant Professor in September 2009 Handled all Communication Engineering subjects and labs in UG and PG Secured very good results in all handled subjects and labs Subject expert of Communication Courses in UG PG Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE Life Member LM52529 2 IEEE Professional Member 93940449
Achievements First Rank in Kerala state in Ph.D. entrance examination by APJAKTU in 2016.

Received the Research Fellowship from CERD for doing research at RIT Kottayam by APJAKTU in 2016. AWSAR Augmenting Writing Skills for Articulating Research Award for research scholars by Dept. of Science and Technology, Govt. of India in 2019. AWSAR Ambassador for disseminating research story/article writing since 2022. Received a project funding of 1.65 Lakhs under Research Seed Money Scheme from CERD, APJAKTU in 2023. Chief Coordinator of International Conference on Artificial Intelligence and Energy Systems AIES, at SJCT Palai in 2021. Chaired a session on Communication Systems in the International Conference Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology RAREST 2018 at SJCT Palai, in 2018. Chief Superintendent of Exams APJAKTU and MGU at SJCT Palai from 2021 onwards. Three SCI Journal Papers at the time of PhD Thesis submission in 2022. Reviewer of Journal of Ambient Intelligence and Humanized Computing SCI, Springer. Reviewer of International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication IConSCEPT at NIT Pondicherry, May 2023. Completed all educational qualifications from Government Institutions, 1987-2022. Delivered several training sessions on LaTeX Document Preparation System in various Engineering Colleges for UG and PG students. Comprehensive Exam Viva board member of many research scholars in APJAKTU. Question Paper setter for various undergraduate courses under APJAKTU. Publications Tomson Devis and Manju Manuel, Design and Implementation of a Smart Cost-effective Hearing Aid using Fractional Interpolated Filters, Journal of Information Science and Engineering, 38(2): 397-412, 2022. SCIE, IF: 1.142. Tomson Devis and Manju Manuel, Hardware-efficient autoreconfigurable hearing aids using 3-level octave interpolated filters for auditory compensation applications, Physical and Engineering Sciences in Medicine, Springer, 4(4):785-798, 2021. SCIE IF: 7.099. Tomson Devis and Manju Manuel, A low-complexity 3-level filter bank design for effective restoration of audibility in digital hearing aids, Biomedical Engineering Letters, Springer, 10(4):593-601, 2020. SCIE, IF: 3.920. Tomson Devis and Manju Manuel, Multirate and Filter bank Approaches in Digital Hearing Aid Design: A Review, IOP Conf. Series: Materials Science and Engineering, 396(1):18, 2018. SCOPUS. Tomson Devis and Manju Manuel, A 17-Band Nonuniform Interpolated FIR Filter Bank for Digital Hearing Aid,

in Proc. IEEE International Conference on Communication and Signal Processing ICCSP18, Chennai, pp. 456460, 2018. SCOPUS. Tomson Devis, Design and Analysis of Coplanar fed Planar Ultrawideband Antenna, International Journal of Informative and Futuristic Research IJIFR, IJIFRV2E9003, 2015. Tomson Devis, Least Square and Least Mean Minimum Square Error Channel Estimation in OFDM: A Review, International Journal of Informative and Futuristic Research IJIFR, IJIFRV2E11001, 2015. Tomson Devis, Gain Enhancement of Pyramidal Horn Antenna using EBG Technique, International Journal of Current Engineering and Technology IJCET, Vol. 5, No. 5, 2015. Tomson Devis, Highly Secure Scalable Compression of Encrypted Images, International Journal of Research in Engineering and Technology IJRET, Vol. 4, Issue 10, 2015. Priya Mathew, Lismi Augustine, Sabarinath G and Tomson Devis, Hardware Implementation of 63,51 BCH Encoder and Decoder for WBAN Using LFSR and BMA, International Journal on Information Theory IJIT, Vol. 3, No. 3, 2014. Divya S Menon, Lal M J and Tomson Devis, DSSS Based Radar Altimeter, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 1, Issue 9, 2013. Tomson Devis and Manju Manuel, Multirate and Filter bank Approaches in Digital Hearing Aid Design: A Review, 2nd International Conference Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology RAREST 2018 at SJCET Palai, 2018. Tomson Devis, Planning and Implementation of Traffic Capacity Enhancement in Mobile Network, National Conference on VLSI Design and Information Technology, April 2011. Tomson Devis, Institutional Radio Broadcasting, National Conference on VLSI Design and Information Technology, April 2011. Tomson Devis and David J, An Automated System for Diagnosis of Hypertensive Retinopathy, National Conference on Technological Trends NCTT, November 2006. Trainings attended Threeday handson Workshop on Python Programming: A Communication Engineering Perspective organized by IIIT Kottayam, May 2023. SERB sponsored Sixday High End Workshop on Methods for Creating a Quality Research Article: Software and Writing Perspective organized by IIIT Kottayam, July 2022. ATAL FDP on HandsOn Workshop on Software Defined Radios organized by Shiv Nadar University Bombay, March 2022 ATAL FDP on Wearable Devices organized by SJCET Palai, January 2022

APJAKTUsponsored FDP on AI and Data Sciences: A Pedagogical Approach organized by SJ CET Palai, August 2021 IETE sponsored FDP on Python for Engineers organized by Vimal Jyothi Engineering College Kannur, April 2021 SERBsponsored STTP on Advancements in Signal Processing and Artificial Intelligence in Healthcare organized by IIITDMK Chennai, February 2021 ATAL FDP on Biosimilar Technology organized by Sardar Patel Institute of Technology Bombay, November 2020 TEQIP sponsored STTP on Scientific Computing with Python organized by RIT Kottayam, November 2020 AICTE sponsored STTP on Trends and Technologies in Antenna Design and its Research Scopes Phase 2 organized by Toc H Institute of Science Technology Ernakulam, September 2020 AICTE sponsored STTP on Trends and Technologies in Antenna Design and its Research Scopes Phase 1 organized by Toc H Institute of Science Technology Ernakulam, August 2020 AICTEISTE approved Induction Programme on Antenna and RF Devices organized by Saintgits College of Engineering, Kottayam in June 2018. Oneweek FDP on Machine Learning at Saintgits College of Engineering, Kottayam in June 2018. Participated in the fourday 12th Winter School on Speech and Audio Processing WISSAP at IISc Bangalore in January 2017. Attended a twoday talk and handson session on HMM Toolkit for Speech Recognition at RIT Kottayam in August 2017. Attended a threeday FDP on Image Processing using LabView at RIT Kottayam in June 2016. Attended a twoday colloquium on Recent Advancements in Signal Processing for Speech, Image and Communication RASSIC 16 at RIT Kottayam in August 2016. Attended a twoday FDP on ARM Processors at Saintgits College of Engineering, Kottayam in January 2008. Attended a oneday Workshop on Microprocessor and Microcontroller Development Tools, MEMS and Nano Technology at SJ CET Palai in August 2009. Attended a twoday ISTE sponsored Workshop on Aakash for Education organized by IIT Bombay at SJ CET Palai in November 2012. Attended a twoday AICTE sponsored FDP on Advanced Automobile Engineering at SJ CET Palai in May 2013. Attended a fiveday STTP on Electronics Education A System Approach at SJ CET Palai in May 2011. Attended a oneday Workshop on Maintenance of Lab Equipment at SJ CET Palai in October 2010. Attended a threeday Workshop on Recent Trends in Microwave Technology at Rajagiri School of Engineering and Technology, Kochi in May 2009. Attended a fiveday STTP on

Computing, Simulation and Modelling in Electronics Engineering at SJ CET Palai in November 2008. Attended a sixday ISTE sponsored Induction Training Programme on Teaching Excellence and Methodologies at Maharajas Technological Institute, Thrissur in August 2007. Attended a twoweek STTP on ICT in Engineering Education organized by College of Engineering, Trivandrum in March 2007. Attended oneday Workshop on 5G Advanced Antenna design and analysis using Ansys HFSS conducted by ARK Infosolutions in December 2022. Attended a twoweek ISTE Workshop on Technical Communication organized by IIT Bombay at SJ CET Palai in December 2015. Attended a twoweek ISTE Workshop on Control Systems organized by IIT Kharagpur at SJ CET Palai in December 2014. Attended a twoweek ISTE Workshop on Signals and Systems organized by IIT Kharagpur at SJ CET Palai in January 2014. Attended a twoweek ISTE Workshop on Analog Electronics organized by IIT Kharagpur at SJ CET Palai in June 2013. Attended a twoweek ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes organized by IIT Bombay at SJ CET Palai in December 2011. Attended a tenday DTE sponsored STTP on ICT in Engineering Education at College of Engineering Trivandrum in March 2007. Conferences conducted Chief Coordinator of AICTE Sponsored International Conference on Artificial Intelligence and Energy Systems AIES, at SJ CET Palai in December 2021. Team member of IEEE Sponsored International MultiConference on Automation, Computing, Communication, Control and Compressed Sensing iMac4s at SJ CET Palai in February 2013. Team member of National Conference on Emerging Trends in Electronics NCETE at SJ CET Palai in December 2011. Team member of National Conference on Advances in Communication Systems NCACS at SJ CET Palai in March 2009.

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 Dr. Suma Mathew Associate Professor MBA Mobile Number: 91 9446011640 Email: suma.mathewsjcetpalai.ac.in Date of Joining:26.02.2007 Association with Institution:Regular
 Education Experience Publications FDPSTTPMOOC Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.A Mgt. Barkatullah

University, Bhopal Bhopal School of Social Sciences B.S.S.S 1995 Management Accounting Economics 2 M.B.A Pune University Bharati Vidyapeeths I.M.E.D 1997 Marketing 3 M. Phil Vinayaka Missions Research Foundation V.M.R.F. Vinayaka Missions Research Foundation V.M.R.F. 2006 Management 4 PhD Bharathiar University CMS College of Science and Commerce 2020 Management Experience Date of joining SJCT : 26.02.2007 Status as on date of joining : Lecturer Present status : Associate Professor Previous Experience Industrial Experience : 5 Years 6 Months Teaching Experience : 18Years Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 Mangalam College of Engineering Lecturer 2 Years 2 Months 2 Mangalam Daily Advertisement Executive 1 Year 7 Months 3 Aptech Computer Education Marketing Head 10 Months 4 United Computers Executive Channel Sales 1 Year 5 Tulip Software Ltd Sr. Marketing Executive 2 Years 1 Month Publications International Journals Sl.NoTitle of PaperName of journalYear, Volume ISSNISBN No. 1 Strategic Role of Post Office Savings Bank towards Prosperity of India International Journal of Exclusive Management Science Print ISSN: 2320866X Online: ISSN 2277 5684 Impact Factor Value 2.78, Volume 4, Issue 1 January 2015 2 A Study on the Consumer Behaviour towards Email Marketing International Journal of Science Engineering Development Research, IF5.47 Google Scholar ISSN: 24552631, Volume:6, Issue 7, Page No 360371, July 2021 3 Effect of brand on customer loyalty Study on the Post Office Savings Bank of Kerala circle International Journal of Science Engineering Development Research, IF5.47 Google Scholar ISSN: 24552631, Volume:5, Issue 10, Page No 7897, October 2020 4 SWOT Analysis on Indian Postal Schemes Study on the Post Office Savings Bank of Kerala Circle International Journal of Science Engineering Development Research, IF5.47 Google Scholar ISSN: 24552631, Volume:5, Issue 10, Page No 213223, October 2020 National Journals Sl.NoTitle of PaperPublisherYear, Volume ISSNISBN No. 1 Urge for Rural Based Financial Services in India Excel India Publishers ISBN: 9789382062059, 2012 National Journals 2 A Study on the role of internet media as a marketing tool from the consumer view point Industrial Engineering Journal, UGC Care Approved, Group 1, Peer Reviewed Journal with IF6.82 ISSN: 09702555, Volume:52, Issue 4, No.3, April 2023 3 A study on brand awareness and investor perception about various financial products: with

reference to Hedge Wealth Management services, Kochi Industrial Engineering Journal, UGC Care Approved, Group 1, Sr. No.155 Sciences, Peer Reviewed Journal with IF6.82 ISSN: 09702555, Volume:51, Issue 11, No.1, November 2022 International Conferences Sl. No. Title of the PaperName of the ConferenceVenue Date 1 Market led Solutions: A Requisite for The Post office Savings Bank in India Emerging Markets and Issues in Management VIT Business School, VIT University, Vellore, on 16th March, 2012 National Conference Sl. No. Title of the PaperName of the ConferenceVenue Date 1 Role of Women in Development of Kerala Problems and Prospects of Rural Banking and its Impact on Empowerment of Rural Households Dr. N.G.P, Arts and Science College, Coimbatore for the National Seminar sponsored by ICSSR, New Delhi, ISBN 9788192080864, 2014 2 A Study on New Phase in Education Due to Covid 19 with Special Reference to Idukki District Carving out a new Future: Resilience Recovery Rajagiri Business School, Kochi, 19th January 2021 Workshops Sl.NoTitle of the WorkshopName of the WorkshopVenue Date 1 7 Day Virtual Workshop Instructional Design using AgileADDIE ICT Academy of Kerala, 6 th July to 12 th July, 2020 FDPSTTPMOOC S.NoName of FDPSTTPMOOCYear Date DurationOrganiser 1 Online certification course and FDP on Soft skills, IIT Roorkee, funded by the MoE, Govt. of India 2022 JulOct 2022 12 week course NPTELAICTE 2 Online certification course and FDP on Global Marketing Management, IIT Roorkee, funded by the MoE, Govt. of India 2023 JanApr 2023 12 week course NPTELAICTE 3 AICTE recognized FDP on Developing Academic and Administrative Leadership, conducted by Curriculum Development Centre Department 2022 21112022 to 251122 2023 one week NITTTR, Chandigarh 4 FDP on DATA DRIVEN DECISION MAKING 2021 03082021 to 08082021 6 days School of Management Studies, NIT Calicut, Kozhikode 5 Guest speaker in the APJAKTU sponsored FDP TRENDS AND CHALLENGES IN DIGITAL BUSINESS INNOVATION 2021 26072021 to 30072021 5 days Jawaharlal Business School, JCET, Nehru Group of Institutions, Palakkad 6 FDP on Case Discussion Methodology sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Training 2021 04012021 to 08012021 5 days Faculty Development Centre, MGNCRE, Dept of HE, MoE, Govt. of India 7 STTP on Outcome Based Education with Assessment

and Evaluation 2020 09112020 to 16112020 one week AICTE sponsored, Sahridaya College of Engineering, Thrissur 8 STTP on Neuroscience of Learning in Digitized Learning Environment 2020 02112020 to 07112020 one week AICTE sponsored, SCMS Cochin School of Business 9 Online certification course and FDP on Customer Relationship Management, IIT Kharagpur, funded by the Ministry of HRD, Govt. of India 2020 SepNov 2020 8 week course NPTEL AICTE 10 Online certification course on Online Refresher Course In Management, Banasthali Vidyapith, funded by the Ministry of HRD, Govt. of India 2020 Oct 2019Feb 2020 16 week course SWAYAM ARPITAICTE 11 Online certification course on Toyota Production System, IIT Roorkee, funded by the Ministry of HRD, Govt. of India 2019 AugOct 2019 8 week course NPTEL AICTE 12 Online certification course on Marketing Management, IIT Kanpur, funded by the Ministry of HRD, Govt. of India 2019 JulSep 2019 8 week course NPTEL AICTE

Suma R SJCET Palai Suma R Software Development Center 20210308T10:27:3000:00 Prof. Suma R Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9446026016 Email: Suma.rsjcetpalai.ac.in Date of Joining: 18.08.2008 Education Experience Memberships FDPSTTPSeminarsWorkshops Publications MOOC Courses Education DegreeSpecializationInstitutionUniversityYear of Passing BE COMPUTER SCIENCE AND ENGINEERING VLBJACET, COIMBATORE BHARATHIYAR 2003 ME COMPUTER SCIENCE AND ENGINEERING MAHENDRA ENGINEERING COLLEGE, SALEM ANNA 2014 Ph.D COMPUTER SCIENCE AND ENGINEERING SJCET PALA KTU pursuing Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving St. Josephs College of Engineering and Technology, Palai Assistant Professor 18.08.2008 Ocean Color Technologies Solutions Software Developer 01.06.2005 06.03.2006 creative infoware private Ltd. Software Engineer May 2004 30052005. Memberships Name of the InstitutionMembership IDNo ISTE LM 64513 FDPSTTPSeminarsWorkshops 4 days workshop on Linux Networking and Administration conducted by SJCET in 2008 Neo Areas of Research in Computing by AJCE Kanjirappally in 2008 National Conference on Advances in Communication Systems conducted by SJCET in 2009 Educational

Utilizationa of Indian Satndards organized by BIS in 2009 International workshop on Open Source Tool for Engineering conducted by Saint Gits College of engineering in 2009 National Level Technical Symposium organized by SJCET in 2009 Teaching Excellence and Methodologies by ISTE Kerala in 2009 Seminar on Advancements in Image processing organized by SJCET in 2009 One week workshop on Best Practices in Software Project Management by AJCE Kanjirappally in 2009 One day STTP on Professional Excellence by SJCET in 2009 Short Term Training Programme on Soft Computing: Methodologies and Applications conducted by CE Kidangoor in 2010 Two week workshop on Introduction to Research Methodologies conducted by bIIT Bombay in 2012 National Conference on Recent Trends in Computer Science and Information Engineering by SJCET Palai in 2014 National Conference on Innovation in Computing Techniques NCICT 2014 Two day seminar on Step 2 Research conducted by AJCE, Kanjirappally in 2014 Two week workshop on Computer Programming conducted by IIT Bombay in 2014 National Conference on Advances in Computing, Communication, Electrical Networking Technologies in 2014 IEEE International Conference on Soft computing and Network Security and Presented a paper on Different Video Restoration Technique in 2015 Introduction to Design of Algorithms conducted by IIT Kharagpur in 2015 One week workshop on Big Data Analytics organized by CE Kidangoor in 2015 Two week ISTE workshop on Technical communication conducted by SJCET in 2015 One week FDP on Machine Learning organized by Saint Gits college of engineering in 2018 Publications Paper titled Automatic Derivation and Annotation of User Search Goals with Feedback Sessions in International Journal of Research in Engineering and Technology, Vol.2, Issue 5, May 2014. Mrs. Suma R Ms. Liz Maria Mathew, Article: Character Recognition of Degraded Document Images Removing Strike, International Journal for Scientific Research and Development, Voliume 3, Issue 9, Nov. 2015, ISSN 2321 0G13 Suma R and Anitta George Article: Robust Logo Matching and Recognition Based on Context Dependency Similarity in Video Application, International Journal of Emerging Technology and Advanced Engineering, Volume 4, Issue 7, July 2014 Ms. Praseetha V M, Mr. Ayush Datta Guptha, MR. S Vadivel and Ms. Suma R Article: Novel Web Service Based Fingerprint Identification Using Steganography and XML Mining in the conference preceding of IOP Series conducted by

SJCET. Abhijith Ajith, Albin Mathew Thomas, Jestin Antony, Joel Joseph, Suma R Indoor Mapping Based on Augmented Reality Using Unity Engine, International Journal of Innovative Science and Research Technology, Volume 5 2020, Issue 5 May Akash Johnny Kunnath, Albin Saji, Benjamin G Nechicattu, Done Maria James, Suma R, Elements: Software for Image Editing Over Voice Commands, International Journal of Innovative Science and Research Technology, Volume 5 2020, Issue 5 May MOOC Courses MOOC Course by NPTEL Machine Learning in 2019 MOOC course by NPTEL Data Mining in 2019 Two days Workshop on Deep Learning organized by Providence College of Engineering in 2019. MOOC course AI for Everyone in Coursera in 2020. MOOC course Programming for Everybody Getting started with Python in Coursera in 2020. MOOC course The Data Scientists Toolbox in Coursera in 2020.

Tomson Thomas SJCET Palai Tomson Thomas Software Development Center
 20240424T08:47:4000:00 Dr. Tomson Thomas Associate Professor Department of Electrical
 Electronics Engineering Mobile Number: 91 9495444928 Email: tomsonpalagmail.com Date of
 Joining: 21012008 Appointment: Permanent Education Experience Memberships Publications
 Awards and Recognitions Interactions with Outside World Training Programmes Organized MOOC
 Courses Training Programmes Attended Consultancy Works Research Supervisor Education
 Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 B.Tech Mahatma Gandhi
 University, Kottayam Govt.Rajiv Gandhi Institute of Technology,Kottayam 2007 Electrical Electronics
 2 M.Tech NIT Calicut NIT Calicut 2012 Electrical Engineering Power Systems 3 Ph.D APJAKTU
 Govt. Rajiv Gandhi Institute of Technology, Kottayam 2022 Electrical Engineering Power Systems
 Experience Sl. NoName of the collegeIndustryDesignationExperienc Years Months 1 St. Josephs
 College of Engineering and Technology, Palai Assistant Professor 21012008 onwards.
 Memberships Sl. NoName of InstitutionType of MembershipMembership ID 1 ISTE Life Member
 LM64533 2 IEEE Professional Member 95248673 Publications Publications Journals Tomson
 Thomas, Prince A., Sunil Kumar P. R, Elizabeth P. Cheriyan Realtime hardware emulation of WECS
 based on DFIG during unbalanced typeB and typeE voltage dips for enhanced low voltage

ridethrough, Electrical Engineering, Springer, 104, 37173732 2022, Tomson Thomas, Prince Asok., Anoopraj M. R., Sunil Kumar P. R.. Realtime hardware emulation of wind turbine model with asynchronous generator under hardwareintheloop platform International Journal of Emerging Electric Power Systems, De Gruyter, vol. 22, no. 5, 2021, pp. 533546. Tomson Thomas, Prince Asok, Event analysis and realtime validation of DFIG based wind energy system with grid reactive power exchange under subsynchronous and supersynchronous modes, Engineering Reports, John Wiley Sons, Ltd., 212, 20202:e12282. Tomson Thomas, Prince A., Evolution of Wind Energy Conversion System and Recent Challenges in Grid Integration: A Review in IOP: Materials Science and Engineering, vol. 396, no. 1, pp. 18, August 2018. Deepa Francis, Tomson Thomas, Shanooga Chandran, Torque response improvement of direct torque controlled three phase inverter fed induction motor drive, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Volume 3, Issue 8, August 2015. DOI 10.17148/IJIREEICE.2015.3815 Dawn S. Kurian, Tomson Thomas, Anoopraj M. R., , A three phase based four switch inverter for renewable energy sources in microgrid, International Advanced Research Journal in Science, Engineering and Technology, Volume 2, Issue 7, July 2015. DOI 10.17148/IARJSET.2015.2723 Book Chapters Tomson Thomas, Anoopraj M. R., Prince A., Ginu Ann George 2021, An introduction to wind energy conversion system with low voltage ridethrough capability, Advanced Aspects of Engineering Research, Book Publisher International. ISBN: 9789390149841 Print, 9789390149858 eBook Ginu Ann George, Tomson Thomas, Prince A., Jayan M. V. 2021, Charge equalization of battery system considering state of charge variations in electric vehicle application, Advanced Aspects of Engineering Research, Book Publisher International. ISBN: 9789390149841 Print, 9789390149858 eBook Conference Publications Arjun Pradeep, Johny Manoj, Manu S, P Arun Rajan, Don Cyril Thomas and Tomson Thomas, Water Tank Overflow and Low Level Indication Using Arduino and GSM, 2023 IEEE Annual International Conference on Emerging Research Areas: International Conference on Intelligent Systems AICERAICIS, Kanjirapally, India, 2023, pp. 16, doi: 10.1109/AICERAICIS59538.2023.10419910. S C Swathin Siva, Darin Jose, Alan K George, Albin James, Liju Mathew R and Tomson Thomas,

Energy Conservation Building Code for a Six Storey Building, 2023 9th IEEE International Conference on Smart Computing and Communications ICSCC, Kochi, Kerala, India, 2023, pp. 730735, doi: 10.1109/ICSCC59169.2023.10334942. Saya Fathima Siby, Bhagya S Kumar, Anu Treesa Joseph, K J Raina, Vineetha P Joseph and Tomson Thomas, CNN based Smart Cane: A tool for Visually Impaired People, 2023 9th IEEE International Conference on Smart Computing and Communications ICSCC, Kochi, Kerala, India, 2023, pp. 126131, doi: 10.1109/ICSCC59169.2023.10334996. Ashkar Muhammed Sha, Atul Thankachan, P S Hari, Manoj Poudel, Ginu Ann George and Tomson Thomas, Design of Electrical Bicycle using MatlabSimulink, 2023 IEEE International Conference on Circuit Power and Computing Technologies ICCPCT, Kollam, India, 2023, pp. 10381043, doi: 10.1109/ICCPCT58313.2023.10245349. Electronic ISBN:9798350333244 Anoopraj M. R., Silpa Sasi, Tomson Thomas, Prince A., Machine Learning Based LVRT Enhancement of Wind Energy Conversion System using SFCL, 2022 International Conference on Innovations in Science and Technology for Sustainable Development ICISTSD, Kollam, India, 2022, pp. 157162, doi: 10.1109/ICISTSD55159.2022.10010345. Tomson Thomas, Prince A., An enhanced low voltage ride through of DFIG based WECS during unbalanced type B and type E voltage dips, Power Engineering Research Summit PERS2020 at SREC Coimbatore, 29 February 2020. Tomson Thomas, Prince A., LVRT capability evaluation of DFIG based wind energy conversion system under type A and type C grid voltage sags, IEEE International conference on Power Electronics, Smart Grid and Renewable Energy PESGRE 2020, Cochin, 24 January 2020, doi: 10.1109/PESGRE45664.2020.9070540. Tomson Thomas, Prince A., Analysis and validation of low voltage ride through capability for DFIG based wind energy conversion system under symmetrical grid voltage sags, IEEE International Conference on Power Electronics Applications and Technology in Present Energy Scenario PETPES2019, NITK Surathkal, 29-31 August 2019, doi: 10.1109/PETPES47060.2019.9003815. Tomson Thomas, Prince A., Evolution of Wind Energy Conversion System and Recent Challenges in Grid Integration: A Review, Global Colloquium in Recent Advancements and Effectual Researches in Engineering, Science and Technology RAEREST 2018, SJCET Palai, 2021 April 2018. S. Kurian, Tomson Thomas and M. R. Anoopraj,

Three phase inverter with reduced number of switches for renewable energy sources in microgrid
IEEE International Conference on Power, Instrumentation, Control and Computing PICC, Thrissur, 2015, pp. 16, doi: 10.1109/PICC.2015.7455791. Deepa Francis and Tomson Thomas, Mitigation of voltage sag and swell using dynamic voltage restorer, IEEE Annual International Conference on Emerging Research Areas: Magnetics, Machines and Drives AICERAIcMMD, Kottayam, 2014, pp. 16, doi: 10.1109/AICERA.2014.6908218. Tomson Thomas, Elizabeth P. Cheriyan, Wind Energy System for a Laboratory Scale Microgrid, IEEE International Students Conference on Electrical, Electronics and Computer Science 2012 , MANIT Bhopal, 12 March 2012, pp.15, doi: 10.1109/SCEECS.2012.6184761. Awards and Recognitions Awards and Recognitions Gold Medal in M.Tech. Electrical Engineering Power Systems from NIT Calicut. POSOCO Power System Award 2013 for M.Tech. Thesis entitled Wind Energy Conversion Emulator for a Laboratory Scale Microgrid by Power System Operation Corporation in partnership with Foundation for Innovation and Technology Transfer, IIT Delhi. Research Supervisor of APJ Abdul Kalam Technological University. Topper 5 in the eight weeks NPTEL AICTE Faculty Development Programme on Power Quality Improvement Technique organized by IIT Roorkee funded by the MoE, Govt. of India from Jan to Mar 2023. Best paper presentation award in the IEEE International Students Conference on Electrical, Electronics and Computer Science 2012, 12 March 2012, MANIT Bhopal. Certificate of Excellence in the Twoweek ISTE Workshop on Solar Photovoltaics: Fundamentals, Technologies and Applications from 12th to 22nd December 2011 conducted by IIT Bombay. Coordinator of Twoweek ISTE STTP on Electric Power System conducted by IIT Kharagpur under the National Mission on Education through ICT MHRD at St. Josephs College of Engineering and Technology, Palai from 12th June to 15th July 2017. HIL Specialist Certification from Typhoon HIL Academy, Switzerland. Bronze Medal in National Karate Championship at Chennai organized by All India Karatedo Federation in April 2005. Interactions with Outside World Interactions with Outside World Invited Talk on Recent Challenges in Grid Integration of Wind Energy Systems during ATAL FDP on Innovative Approaches to Renewable Energy Education at Gregorian Institute of Technology, Kangazha on 13022024. Technical session chair in the IEEE International Conference on Recent

Advances in Systems Science and Engineering RASSE 2023 during 08112023 to 11112023. Invited Talk on Active and Reactive Power Control of Grid Connected Wind Energy Systems during Faculty Development Programme on Advancements in Renewable Energy Systems organized by the Department of Electrical and Electronics Engineering, Government Polytechnic College Pala on 20012023. Invited Talk on Energy Awareness and Conservation Measures organized by Post Graduate Department of Physics, St. Josephs College for Women, Alappuzha on 09112022. Invited Talk on Demonstration of Basic Electric Circuits organized by Post Graduate Department of Physics, St. Josephs College for Women, Alappuzha on 30112022. Invited Talk on Grid Integration of DFIG based Wind Energy Conversion System organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of Technology, Kottayam on 04102021. Member of Syllabus Committee of APJ Abdul Kalam Technological University for the B.Tech Electrical and Electronics Engineering 2019 scheme. Reviewer of various reputed journals and IEEE conferences. Invited Talk on Computational Techniques for Contingency Analysis of Power System organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of Technology, Kottayam on 19032021. Seminar on Energy Conservation in Domestic Appliances conducted by VHSE Kumily on 03042018. Seminar on Energy Conservation and Management conducted by Cooperative Bank, Marangattupilly on 18022017. Technical session chair in the IEEE International Conference on Magnetics, Machines and Drives AICERiCMMD, AJCE Kanjirappally, 2426 July 2014. Training Programmes Organized Training Programmes Organized Coordinator of Two week ISTE STTP on Electric Power System conducted by IIT Kharagpur under the National Mission on Education through ICT MHRD at St. Josephs College of Engineering and Technology, Palai from 12th June to 15th July 2017. MOOC Courses MOOC Courses Eight weeks NPTELAICTE Faculty Development Programme on Basics of Finite Element Analysis I organized by IIT Kanpur funded by the MoE, Govt. of India from Jul to Sep 2023. Twelve weeks NPTELAICTE Faculty Development Programme on Fuzzy Sets, Logic and Systems Applications organized by IIT Kanpur funded by the MoE, Govt. of India from Jan to Apr 2023. Eight weeks NPTELAICTE Faculty Development Programme on Power Quality Improvement Technique organized by IIT Roorkee funded by the MoE, Govt. of India from Jan to Mar 2023. Eight

weeks NPTEL AICTE Faculty Development Programme on Accreditation and Outcome based Learning organized by IIT, Kharagpur funded by the Ministry of HRD, Govt. of India from July to September 2021. Training Programmes Attended Training Programmes Attended One week Faculty Development Programme on Control of Robotic Systems: Research Trends and Challenges organized by Department of Electrical and Electronics Engineering, College of Engineering Perumon from 05/02/2024 to 10/02/2024. One week faculty development program on Unleashing the Sustainable Developments and Future Trends in Electrical Engineering organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering from 29/01/2024 to 02/02/2024. One week faculty development program on Recent Trends in Grid Integration organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering from 30/01/2023 to 03/02/2023. Five days IndoUS SPARC Online workshop on DC Community Level Grid Challenges in Protection, Control and Stability DCLG2022 organized by National Institute of Technology, Calicut from 1st to 5th March 2022. One week AICTE Training And Learning ATAL Academy Online FDP on Power Electronics for Power Systems organized by Rajiv Gandhi Institute of Technology, Kottayam from 6th to 10th December 2021. One week AICTE sponsored online FDP on EV Motor drives Power Electronics, Control Strategies and Implementation organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of Technology, Kottayam from 7th to 17th June 2021. One week AICTE sponsored online FDP on Renewable Energy and Power Electronics for Electric Vehicle Applications organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of Technology, Kottayam from 26th May to 1st June 2021. One week AICTE sponsored online FDP on Current Research Topics in Power Electronics, Power Systems and Electric Drives organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of Technology, Kottayam from 12th to 19th May 2021. One week AICTE sponsored online FDP on Renewable Energy and Power Electronics for Industrial Drives Application Phase 1 organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of Technology, Kottayam from 15th to 21st April 2021. One week Training Programme on Recent research trends in industrial drives and Power systems organized by the Department of Electrical Engineering, Rajiv Gandhi Institute of

Technology, Kottayam from 23rd to 27th March 2021. One week AICTE Training And Learning ATAL Academy Online FDP on Capacity Building organized by Rajiv Gandhi Government Polytechnic from 15th to 19th February 2021. One week AICTE Training And Learning ATAL Academy Online FDP on Stressmanagement organized by Government College of Engineering, Srirangam from 1st to 5th February 2021. One week online workshop on Universal Human Value on the theme Inculcating Universal Human Values in Technical Education organized by All India Council for Technical Education AICTE from 19th to 23rd October 2020. One week AICTE sponsored online STTP on Guidance and Counselling organized by SJ CET Palai from 12th to 17th October 2020. One week Faculty Development Programme on HardwareintheLoop Simulation: Learning and Teaching Tool from Typhoon HIL organized by Vellore Institute of Technology, Chennai in association with Quarbz Info Systems, Kanpur from 31st August to 4th September 2020. Webinar on AWSAR Augmenting writing skills for articulating research popular science writing organized by the Department of Science and Technology DST, Government of India and Vigyan Prasar VP on 27th July 2020. Webinar on Learning Basics of Publishing in High Quality Journals organized by Elsevier and J.C BOSE University of Science and Technology, YMCA, Faridabad, on Tuesday 21st July 2020. International Workshop on Electric Power Grid Modernisation: Trends, Challenges and Opportunities organized by The National Institute of Engineering, Mysuru from 20th to 24th July 2020. One week Faculty Development Programme on Power Electronic Applications to Renewable energy systems and Energy storage systems organized by The National Institute of Engineering, Mysuru from 6th to 10th July 2020. Webinar on Digital control of gridTied Converters organized by IEEE PEs, IEEE IAS and Department of Electrical and Electronics Engineering, SaintGits College of Engineering on 26th June 2020. Two Weeks Online Advanced Training Program on Hardware in the Loop Simulation Technology for Rapid Product Design in Electrical Engineering, organized by Atal Incubation Centre EMPI, New Delhi, Typhoon HIL and Quarbz Info Systems from 1st to 13th June 2020. Three day Online Faculty Development Program on Realtime HardwareintheLoop HIL Simulation for Power Electronics and Power Systems, organized by the Department of Electrical and Electronics Engineering, Anurag University, Hyderabad from 27th to

29th May 2020. One week Typhoon HIL online Training program organized by Typhoon HIL and Quarbz Info Systems, Kanpur from 4th to 9th May 2020. One Day National Level Technical Workshop on Research opportunities in Power Electronics for Power Engineers organized by Department of Electrical and Electronics Engineering, Sri Ramakrishna Engineering College, Coimbatore on 28th February 2020. One day Webinar on DFIG Based Wind Energy System with Reactive Power Compensation using Wavect Power Controller organized by Entuple Technologies on 6th February 2020. One day Webinar on Effectively and efficiently creating your paper organized by John Wiley Sons, on 30th January 2020. One week Short Term Training Programme on Design and Development of Power Converters for Renewable Energy Applications organized by Department of Electrical Engineering, Saintgits College of Engineering, Kottayam from 3rd to 7th December 2018. Faculty Training Programme on Control of Electric Drives: Programming with FPGA Xilinx and DSP TMS 28335 organized by Department of Electrical Engineering, Govt. Rajiv Gandhi Institute of Technology Kottayam from 1st to 6th February 2018. Two week Faculty Development Programme on Research Perspectives on Solar and Wind Energy Systems organized by the Department of Electrical Engineering, Govt. Rajiv Gandhi Institute of Technology Kottayam from 15th to 27th January 2018. One day National Workshop on Real Time Simulation in Electrical domain conducted by Industrial Power Group of the Department of Electrical Engineering, National Institute of Technology, Calicut in association with IEEE Power and Energy Society on 26 September 2017. Coordinator of Two week ISTE STTP on Electric Power System conducted by Indian Institute of Technology, Kharagpur under the National Mission on Education through ICT MHRD at St. Josephs College of Engineering and Technology, Palai from 12th June to 15th July 2017. One week ISTE STTP for Coordinators on Electric Power System conducted by Indian Institute of Technology, Kharagpur under the National Mission on Education through ICT MHRD from 1st to 5th May 2017. One Day Research Colloquium on Power Quality and Renewable Energy organized by Department of Electrical Engineering, Govt. Rajiv Gandhi Institute of Technology Kottayam on 17th February 2017. Two Day Workshop on Energy Management and Audit conducted by Energy Management Centre Kerala, Department of Power, Government of Kerala as part of the

National Energy Conservation Day Celebrations on 14th and 15th December 2016. Three Day Workshop on Electrical Machine Design using ANSYS organized by Department of Electrical Engineering, Govt. Rajiv Gandhi Institute of Technology Kottayam during 28th 30th June 2016. Two Week ISTE Workshop on Technical Communication for Scientists and Engineers organized by Indian Institute of Technology, Bombay from 8th October to 5th December 2015. Two Week ISTE Short Term Training Programme on Introduction to Design of Algorithms conducted by Indian Institute of Technology, Kharagpur from 25th to 30th May 2015. Two Week ISTE Workshop on Control Systems conducted by Indian Institute of Technology, Kharagpur from 2nd to 12th December 2014. One Week AICTE recognized Short Term Course on Solid State Control of Electric Drives through ICT conducted by National Institute of Technical Teachers Training and Research, Chandigarh from 21st to 25th July 2014. Three Day Short Term Training Programme on Modern Trends in Substation Design organized by the Dept. of Electrical Engineering of Govt. Rajiv Gandhi Institute of Technology, Kottayam from 24th to 26th June 2014. One Week Faculty Development Programme on Advances in Smart Grid Integrations organized by the Dept. of Electrical and Electronics Engineering of Saintgits College of Engineering, Kottayam from 28th April to 2nd May 2014. Learning and development intervention FEEL Teacher conducted by College for Leadership and Human Resource Development from 12th to 14th December 2013. Two Week Workshop on Analog Electronics conducted under the National Mission on Education through ICT MHRD by Indian Institute of Technology, Kharagpur from 4th to 14th June 2013. One Week Short Term Training Programme on AutoCAD for Electrical Engineers organized by the Dept. of Electrical Engineering of Govt. Rajiv Gandhi Institute of Technology, Kottayam from 11th to 15th March 2013. Intensive Hands on Workshop on NBA Accreditation Procedures and Practices conducted by SRS Human Resource Services On 14th and 15th December 2012 at IIT Madras. International Seminar on Advances in Smart Grid Technology AST 2012 organized by Jyothi Engineering College, Cheruthuruthy on 23rd and 24th March 2012. Two week ISTE Workshop on Solar Photovoltaics: Fundamentals, Technologies and Applications conducted by Indian Institute of Technology, Bombay from 12th to 22nd December 2011. National Workshop on Smart Grid Engineering organized by

IEEE Malabar Subsection, Institution of Engineers Dept. of Electrical Engg., National Institute of Technology, Calicut from 29th to 30th July 2011. Seminar on Educational Utilization of Indian Standards organized by the Bureau of Indian Standards and St. Josephs College of Engineering Technology, Palai on 11th December 2009. Two Week MHRDAICTE Faculty Development Programme on FACTS and Custom Power Controllers for Quality Enhancement of Deregulated Power Systems organized by the Dept. of Electrical Engineering of National Institute of Technology, Calicut from 18th to 29th May 2009. Two Day Workshop on Advances in Power Electronic Systems organized by St. Josephs College of Engineering and Technology, Palai from 5th to 6th January 2009. One Week Short Term Training Programme on Computing, Simulation and Modeling in Electronics Engineering organized by the Dept. of Electronics Engineering of St. Josephs College of Engineering and Technology, Palai from 18th to 22nd November 2008. One Week Induction Training Programme on Teaching Excellence and Methodologies organized by ISTE Kerala Section at Maharajas Technological Institute, Thrissur from 19th to 24th May 2008. Consultancy Works Consultancy works done under Electrical Consultancy Division of St. Josephs College of Engineering and Technology, Palai Electrical Technical Audit at Hindustan Unilever Ltd., Tatapuram, Kochi. Electrical System Drawing of Rubberwood India Private Ltd., Manganam, Kottayam. Transformer Testing at Intrans, Aluva. Energy Audit at Royal Latex, Koovapally. Research Supervisor Research Supervisor Research Supervisor of APJ Abdul Kalam Technological University. Research Area: Power System, Grid Integration of Renewable Energy, Power Quality, Wind Energy conversion Systems, Energy Conservation and Management, Electrical Machines etc.

Sumithmon KS SJCET Palai Sumithmon KS Software Development Center
 20240415T05:44:2800:00 Prof.Sumithmon KS Assistant Professor Department of Computer Applications Mobile Number: 91 9562373008 Email:sumithmarargmail.com Date of Joining:03.01.2018 Nature of association: Regular Education Experience Faculty Development Programme Lectures Delivered MOOC NPTEL SWAYAM Education Sl.NoQualificationUniversityInstitutionYear of passingSpecialization 1 Graduation

MahathmaGhandhi University Devamatha College of Arts and Science, Kuravilangad 2010
 BScMathematics 2 Post Graduation MahathmaGhandhi University ILAHIA college of engineering
 and technology, Muvattupuzha 2013 Computer Application 3 PhD APJAKTU Trivandrum SJ CET
 Palai Pursuing Recommendation System Experience Industrial Experience : Nil Teaching
 Experience : 1 year Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 BCA
 departmentMar Kuriakose College,Puthuvely. Asst. Prof. 3.5 years 2 BCA departmentMarygiri
 college, Koothattukulam . Asst. Prof. 1.5 years 3 MCA department St Joseph Engineering college,
 Palai Lecturer 11 month Faculty Development Programme Sl NoWorkshopFDPStart DateEnd
 DateOrganized BySponsered By 1 Android Developer Fundamentals July 17, 2018 July 21, 2018
 Mangalam College of Engineering Ettumanoor Google Certification 2 Python for Artificial Intelligence
 and Machine Learning July 8, 2019 July 13, 2019 TKM College of Engineering, Kollam TEQIP II 3
 National Conference on Predictive analysis October 9, 2019 October 19, 2019 Saintgits College of
 Engineering, Kottayam AICTE 4 Robotics and Automation July 13, 2020 July 18, 2020 Vellore
 Institute of Technology VIT Chennai 5 Recent Trends and Advancement in IT July 27, 2020 August
 1, 2020 Federal Institute of Science and Technology, Ernakulam 6 Block chain fundamentals August
 24, 2020 August 29, 2020 Saintgits College of Engineering, Kottayam 7 Block Chain Application
 August 25, 2020 July 27, 2018 Saintgits College of Engineering, Kottayam 8 System Administration
 and networking Using FOSS tools May 18, 2021 May 20, 2021 College of Engineering Attingal
 ICFOSS 9 Mentoring and Thinking Skills for Engineering of faculty September 1, 2021 September 3,
 2021 Amal Jyothi College of Engineering, Kanjirappally KTU 10 Mathematical Foundation for
 Machine Learning November 22, 2021 November 26, 2021 Sree Buddha College of Engineering,
 Pattor ATAL 11 Internet of Things IoT A Practical Approach December 6, 2021 December 10, 2021
 Maharaja Surajmal Institute of Technology. ATAL 12 Insight of research, publication and patent filing
 April 20, 2022 April 22, 2022 Carmel College of Engineering and Technology Punnappra 13
 Advanced research and quality publication August 29, 2022 September 2, 2022 Federal Institute of
 Science and Technology, Ernakulam 14 Blockchain Technology and its Application January 16,
 2023 January 20, 2023 St. Josephs College of Engineering and Technology, Palai KTU 15 Online

FDP on Data Science using Python January 24, 2023 January 26, 2023 Mangalam College of Engineering Ettumanoor 16 Nature Inspired Machine Learning Techniques in IOT March 22, 2023 March 24, 2023 Amal Jyothi College of Engineering , Kanjirappally KTU 17 Deep Learning January 1, 2023 April 19, 2023 NPTEL AICTE Lectures Delivered SI NoLectures DeliveredDateWorkshopSeminarInstitute 1 Mobile Application Development March 9, 2023 January 5, 1900 Dept.Computer Application SJCET 2 Version Control System GITLAB January 24, 2023 January 8, 1900 Marygiri College Koothattukulam MOOC NPTEL SWAYAM SI NoMOOCDate From 1 Introduction to internet of things JanApr 2020 12 WEEKS NPTEL SWAYAM 2 Deep Learning IIT Roper JanApr 2023 12 WEEKS NPTEL SWAYAM

Vijayan M K SJCET Palai Vijayan M K Software Development Center 20190112T10:05:5700:00 Mr. Vijayan M K Tradesman Department of Mechanical Engineering Qualification: ITI Date of joining: 04082008 Association with institution: Regular

Vijayalekshmi G SJCET Palai Vijayalekshmi G Software Development Center 20230803T06:19:1200:00 Prof. Vijayalekshmi G Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 9400393413 Email: vijayalakshmisjcetpalai.ac.in Education Experience International Conference MOOC Courses FDPSTTPWORKSHOP Education SI.NoQualificationInstitution UniversitySpecialization 1 M.E Gnanamani Institute Of Technology,salem. Anna University Applied Electronics 2 BTech RIT Govt Engineering College ,Kottayam M G University Electronics Communication Experience SI.NoInstitutionIndustryPosition heldPeriod 1 SJCET, Palai Assistant professor 11.11.2021 to till date 2 C K Group,Changanassery Purchase Manager 04012021 to 170620216 month 3 Believers Church Caarmel Engineering college ,Pathanamthitta Assistant professor 07022008 to 23072019 11 years 5 month 3 College of Engineering,Kidangoor Lecturer in the Dept. of Electronics and Communication Engineering 17072006 to11052007 862007 to 4022008 1 year 5 Month International Conference Presented a paper entitled FPGA Hardware of LSB Steganography By using Wavelet Transform,2nd

International Conference on Applied Computing IACAC2013 organized by International journal of Engineering Computer Applications IJECTA held on 31st march 2013. MOOC Courses SI.No.Details of the Course Certified By 1 Successfully completed the NPTEL online certification MOOC course on Introduction to Introduction to Machine Learning during Jan April 2023 12 weeks. NPTEL, IIT Madras FDP STTP WORKSHOP SI.No.Details of the Course Certified By 1 Successfully completed the NPTEL online certification MOOC course on Introduction to Introduction to Machine Learning during Jan April 2023 12 weeks. NPTEL, IIT Madras

Sumitha Joseph SJ CET Palai Sumitha Joseph Software Development Center
20230803T06:01:2000:00 Prof. Sumitha Joseph Assistant Professor Department of Electronics and Communication Engineering Mobile Number: 91 9400517732 Email: sumithajosephsjcetpalai.ac.in
Date of joining SJ CET: 31082022 Education Experience STTP FDP participated MOOC Online Course Education Degree Specialization Institution University Year of Passing B.Tech. AEI SJ CET, Palai M.G. University 2011 M.Tech. AE MGUCE, Thodupuzha M. G. University 2014 Experience Name of the College Industry Designation Date of Joining Date of Relieving Model Polytechnic College, Mattakkarra Lecturer 662019 31032020 Model polytechnic College Poonjar Lecturer 13092021 20082022 STTP FDP participated Sl. No Details of STTP FDP Remarks 1 Attended a oneweek FDP on Recent trends in high frequency communication organized by Annant Gyan Knowledge and skill development, Pvt Ltd, Bihar, India during 20th 24th February 2023. Organized by Annant Gyan Knowledge and Skill Development Private Limited 2 Attended a oneweek Induction training program for teachers from January 3rd, 2023 to January 7th, 2023. Sponsored by KTU MOOC Online Course Sl. No Details of MOOC Course Remarks 1 Completed the NPTEL online certification MOOC course on Introduction to Machine Learning during January April 2023 Offered by NPTEL, IIT Madras

Sumithmon KS SJ CET Palai Sumithmon KS Software Development Center
20181221T09:38:1300:00 Prof. Sumithmon KS Assistant Professor Department of Computer

Science Applications Mobile Number: 91 9562373008 Email:sumithmarargmail.com Education Experience Memberships FDP Education QualificationUniversityInstitutionYear of passingSpecialization Graduation MahathmaGhandhi University Devamatha College of Arts and Science, Kuravilangad 2010 BScMathematics Post Graduation MahathmaGhandhi University ILAHIA college of engineering and technology, Muvattupuzha 2013 Computer Application Experience Teaching Experience : 5 year Sl. NoName of the collegeIndustryDesignationExperience Years Months 1 BCA department.Mar Kuriakose College,Puthuvely. Asst. Prof. 3.5 years 2 BCA department. Marygiri college, Koothattukulam . Asst. Prof. 1.5 years 3 MCA department,St Joseph Engineering college, Palai Lecturer 11 month Memberships Name of TrainingWorkshopYear Date DurationOrganizer Android Developer Fundamentals 17 to 21 ICT Academy of Kerala. FDP Name of TrainingWorkshopYear Date DurationOrganizer Android Developer Fundamentals 17 to 21 ICT Academy of Kerala.

Vimal Babu P SJCET Palai Vimal Babu P Software Development Center 20230811T05:30:1400:00 Prof. Vimal Babu P Assistant Professor Department of Computer Science Engineering Mobile Number: 91 9447383041 Email: vimalbabupsjcetpalai.ac.in Education Experience FDPs Attended Conference Organized Publications Education DegreeSpecializationInstitutionUniversityClass ObtainedYear of Passing B.Tech. Computer Science Engineering College of Engineering Kidangoor CUSAT First Class 2009 M.Tech. Industrial Engineering Management Rajiv Gandhi Institute of Technology ,Pampady Kottayam MGU First Class 2012 Ph.D. Natural Language Processing Indian Institute Of Information Technology,Kottayam IITK Pursuing Experience Name of the CollegeIndustryDesignationDate of JoiningDate of Relieving Mangalam College of Engineering,Ettumanoor Assistant Professor August 17, 2022 July 31, 2023 VISAT Engineering College ,Elanji Assistant Professor January 2, 2013 August 16, 2022 FDPs Attended Five Days FDP on Machine Learning Operations organized by AITCSE, Chandigarh University from Feb 2nd 2023 to 6th Feb 2023 Online FDP on Data Science using Python organized by Dept. Of CSE , Mangalam College of Engg. From 24th Jan 2023 to 26 Jan 2023 Five Days FDP on Natural Language

Processing Information Retrieval organized by Rajagiri School Of Engg. Tecnology and ICFOSS from 2982022 to 292023 FDP on Business Intelligence ,Application and Tools organized by Dept. Of CSE ,Musaliar College of Engg. Tecnology ,Pathanamthitta from 762021 to 1162021 Five Days FDP on Compiler Design organized by Rajagiri School Of Engg. Tecnology from 2162018 to 2662018 FDP on IOT organized by IEDC VISAT from 5 and 6 th of August 2017 FDP on Theory of Computation organized by Dept. Of CSE in association with CSI from 22nd to 27th May 2017 FDP on Trends in Robotics Control organized by Dept. Of E I sponsored by TEQIPII at College of Engg. Kidangoor from 222017 to 822017 FDP on Trends in Signal Processing and its applications organized by Dept. Of EI sponsored y TEQIPII at College of Engg. Kidangoor from 23112016 to 29112016 Conference Organized ICCIDT2k23 Computational Intelligence Digital Technologies International Conference in Mangalam College of Engineering Publications Published a Conference paper in IJERT named Utilizing Neural Networks to recognize named entities in Malayalam in 2023 Published a Conference paper in IJERT named Utilizing Neural Networks to recognize named entities in Malayalam in 2023 Published a paper named Design and development of MRP in a public sector company in the Proceedings of National Technical Congress. NATCON2013 held in Rajiv Gandhi Institute of Technology, Kottayam. Published a paper named Mass Customization: A way to enhance productivity and economic growth of a firm in the Proceedings of International Conference on Recent Innovations in Technology ICRIT2012 held in Rajiv Gandhi Institute of Technology, Kottayam.

Video Lectures of Faculty Members CSE SJCET Palai HomeVideo Lectures of Faculty Members CSE Video Lectures of Faculty Members CSE Software Development Center 20210324T11:15:3200:00 Video Lectures of Faculty Members

Vineetha P. Joseph SJCET Palai Vineetha P. Joseph Software Development Center 20230606T05:42:4500:00 Prof. Vineetha P. Joseph Assistant Professor Department of Electrical Electronics Engineering Mobile Number: 91 9447765345 Email: vineethapjgmail.com Education

Experience Positions held and Professional Body Membership Publications and Conferences

Programs Attended Achievements Education COURSEYEAR OF COMPLETIONNAME OF THE INSTITUTION

M TECH POWER SYSTEMS 2014 SAINTGITS College of Engineering, Pathamuttom MG UNIVERSITY

B TECH EEE 2010 St. Josephs College of Engineering and Technology, Palai MG UNIVERSITY

Experience St. JOSEPHS COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI ASSISTANT PROFESSOR 20.04.2022 continuing Imparted theoretical classes for students in Signals and Systems , Linear Control System, Energy Systems, Sustainable Engineering and Constitution of India. Provided practical training for students in Electrical Machines Lab II, Power System Lab, Circuits and Measurements Lab and Digital Electronics Lab Project guidance for final year students

COLLEGE OF ENGINEERING, KIDANGOOR Ad. Hoc ASSISTANT PROFESSOR 06.12.2021 to 16.04.2022 Imparted theoretical classes for students in Distributed Generation and Smart Grids, Power Systems 1 Provided practical training for students in Electrical Machines Lab II, Power System Lab and Analog Electronics Lab Project guidance for final year students

MAR BASELIOS CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, PEERMADEMBCCET ASSISTANT PROFESSOR 01.01.2014 to 30.04.2020 Imparted theoretical classes for students in Life skills, Power Quality, Electrical Power Transmission, Digital Signal Processing, Signals and Systems, Circuits and Networks, Control System I, Basic Electrical Engineering, FACTS, Responsible Engineering and Power System Analysis. Project guidance for final year students. Provided practical training for students in Circuits and Measurements Lab, Electrical Machines Lab, Electrical Measurements lab, Power System Lab, C Programming Lab

COLLEGE OF ENGINEERING CUSAT , KIDANGOOR ASSISTANT PROFESSOR 20.08.2013 to 03.01.2014 Imparted theoretical classes for students in Field Theory, and Electrical Measurements and Measuring Instruments. Provided practical training for students in Electrical Machines Lab I and II Project guidance for final year students

COLLEGE OF ENGINEERING CUSAT , MUNNAR AD.HOC LECTURER 19.07.2010 to 29.10.2010 and 06.12.2010 to 31.03.2011 Imparted theoretical classes for students in Control System I, Control System II and Electrical Measurements and Measuring Instruments Provided practical training for students in Power Electronics Lab and

Electrical Measurements lab. Positions held and Professional Body Membership IEEE student branch counselor IEEE IAS ,WIE student Branch Advisor College IQAC member NAAC 2nd Criteria Department in charge Power System Lab in charge Setting, Experiment Manual Preparing, purchasing of equipment Faculty Development Programme Cocordinator ENERGY AUDITING MANAGEMENT IEEE member 4 years Publications and Conferences A Novel Control Technique for Power Quality Assessment of Railway Traction using RPC National Conference on Innovations in Engineering Technology at Musaliar college of Engineering. Pathanamthitta, MAY 4 2013. Vineetha P Joseph, Jaimol Thomas, Negative Sequence and Harmonic Mitigation of Grid Connected AC Railway Traction using PI and Fuzzy Controllers, Proceedings of IET Chennai 4th International Conference on Sustainable Energy and intelligent System SEISCON 2013, K.C.G College of Technology, TamilNadu, December 2013. ISBN: 9781785610301, page 210216. Vineetha P Joseph, Jaimol Thomas, A Fuzzy Controller based Railway static Power Conditioners for AC Traction, International Conference on Advanced Computing and Communication systems, Sri Eswara college of engineering coimbatore. ISBN:97814799 3506213, December 2013 Vineetha P Joseph, Jaimol Thomas, Power Quality Improvement of AC Railway Traction Using Railway Static power conditioner a Comparative Study, Proceedings of International Conference on Power Signals, Controls and Computation EPSCICON 2014, Vidya Academy of Science Technology, Thrissur.Doi:10.1109EPSCICON.2014.6887509, ISBN:9781 479936120, Page 17, January 2014. Vineetha P Joseph and Sneha Priya Sebastian Hardware framework for smart speaker control of home audio network Journal of emerging technologies and innovative research 2018 2019, ISSN 23495162, Volume 6, Page 20 to 33. Vineetha P Joseph Study on grid connected PV systems Journal of emerging technologies and innovative research 20182019, ISSN 23495162, Volume 6, Page 14 to 19. Vineetha P Joseph and Sneha Priya Sebastian A novel control Technique for Power Quality Assessment of Railway Traction using RPC KSEBEA HYDEL 2019, Technical Journal of KSEB Engineers Association,2019, ISSN 09704582, Volume 6, page 2935. Programs Attended Faculty Development program on Electrical System Design, ENERGY AUDITING MANAGEMENT, KTU sponsored at MBCCET National workshop on Issues and challenges faced due to Deregulation

of Electricity markets in Indian scenario at College of Engineering, Short Term Training Program on Modern Trends in Substation Design at Rajiv Gandhi Institute of Technology, Workshop on Electrical Machine Design Using Ansys at Rajiv Gandhi Institute of Technology, Faculty Development Program on Signal Processing and Control Systems at Mar Baselios College of Engineering and Technology, Short Term Training Program on Power Electronics and Drives Technology Advances, Trends and Applications at Mar Baselios College of Engineering and Technology, Short Term Training Program on Reliability Concerns of Tomorrows Power System at Saintgits College of Engineering, Workshop on Electrical Machines and Electromagnets at Saintgits College of Engineering, Undergone training at TELK Angamally, Lower Periyar Generating station, Brahmapuram diesel power plant, FACT, PGCIL, Railway and 220Kv substation PALLOM. Achievements GATE qualified. Best presentation award for the paper entitled Negative sequence and harmonic mitigation of grid connected AC railway traction using PI and FUZZY controllers at IET Chennai 4th International Conference on Sustainable Energy and Intelligent System at K.C.G College of Technology, Chennai, Tamil Nadu, India. December 1214, 2013. IEEEExtreme 13 and 14 proctor

End Semester Regular Examination Schedule, December 2024 2024 Scheme SJCET Palai HomeAutonomous AlertEnd Semester Regular Examination Schedule, December 2024 2024 Scheme

Autonomous Alert SJCET Palai End Semester Regular Examination Schedule, December 2024 2024 Scheme End Semester Regular Examination Schedule, December 2024 2024 Scheme By Software Development Center| 20250106T09:05:0600:00 January 6th, 2025|Autonomous Alert|0 Comments Read More End Semester Regular Examination Schedule, December 2024 2024 Scheme End Semester Regular Examination Schedule, December 2024 2024 Scheme : By Software Development Center| 20241214T05:36:0600:00 December 14th, 2024|Autonomous Alert|0 Comments Read More EndSemester Examination The endsemester examination for B.Tech,

M.Tech, MCA, Integrated MCA, and By Software Development Center| 20241214T05:04:5500:00
November 25th, 2024|Autonomous Alert|0 Comments Read More

Vipin V SJCET Palai Vipin V Software Development Center 20230719T03:51:0500:00 Prof. Vipin V Assistant Professor Department of Artificial Intelligence Data Science Mobile Number: 91 8086889123 Email: vipin.vsjcetpalai.ac.in Date of joining SJCET: 01122011 Association with the institution: Regular Education Experience Memberships FDP Conferences Seminarworkshops organized Publications Education Sl.No Qualification University Year of passing Specialization 1 B.Tech M. G University 2007 ECE 2 M.Tech Amrita University 2010 Remote Sensing Wireless Sensor Networks Experience Industrial Experience : 1 year Teaching Experience : 11 years Memberships Sl. No Name of Institution Type of Membership Membership ID 1. ISTE Life Member LM 90155 FDP Sl. No Name of TrainingWorkshop Year Date Duration Organizer ISO 9001:2015 Internal Audit 24th July 2018 ZANDIG TQM Solutions. 2. ISO 9001: 2015 Auditor Training 25th July 2018 ZANDIG TQM Solutions. 3. Engineering Education Research Seminar 28th Oct. 2015 National Instruments 4. 2 week ISTE Workshop on CONTROL SYSTEMS 2nd to 12th Dec. 2014 IIT, Karagpur 5. 2 week ISTE Workshop on Computer Programming 20th May to 21st June, 2014 IIT, Bombay 6. 2 week ISTE Workshop on Signals Systems 2nd to 12th Jan. 2014 IIT, Karagpur 7. Workshop on Industry Institution Interaction 26th April, 2014 IEEE, Kerala Section 8. FEEL TEACHER 12th to 14th Dec.2013 CLHRD 9. 2 week ISTE Workshop on Analog Electronics 4th to 14th June 2013 IIT, Karagpur 10. 1 week Induction Training Programme for Teachers 2nd to 7th July 2012 ISTE, Kerala Section 11. FDP on Advanced Automobile Engg. 17th to 18th May 2013 SJCET, Palai 12. Continuing Education CongressCEC2 8th to 12th Oct. 2012 SJCET, Palai 13. 1 day workshop on Matlab Its Applications Areas 17th March, 2012 NIT, Calicut 14. 2 day ISTE Workshop on Writing Effective Conference Papers 18 to 19th Feb. 2012 IIT, Bombay Conferences Seminarworkshops organized Sl. No Title Topic Date Duration Sponsors 1 Workshop on Circuit Simulation PCB Design using Proteus 18th June 2013 IEEE 2 IMAC 2013 22nd and 23rd of March, 2013 IEEE SJCET, Palai 3 RAREST 2016 20th to 21st Aug. 2016 SJCET, Palai 4 RAREST 2018

20th to 21st Aug. 2018 SJ CET, Palai Publications Sl.No Title of Paper Name of journal Publisher
 Year, Volume ISSN ISBN No. 1. FPGA Implementation of Image Compression Using SPIHT
 Algorithm IJAREEIE IJAREEIE Vol. 3 Issue 1, Jan. 2014 ISSN: 23203765 2. Image Processing
 Based Forest Fire Detection IJETAE IJETAE Vol. 2, Issue 2, Feb. 2012 ISSN 22502459
 International Conferences Sl. No. Title of the Paper Name of the Conference Venue Date 1. A Study
 on Solitons in Optical Communication Systems 2015 Annual IEEE India Conference INDICON 1720
 Dec. 2015 2. Optical Solitons Based Communication Systems ROCKS15 ROYAL College of Engg.
 Tech. 26th to 28th March 2015

Tom Zacharia SJ CET Palai Tom Zacharia Software Development Center 20230810T10:51:5900:00
 Prof. Tom Zacharia Assistant Professor Department of Mechanical Engineering Mobile Number:
 9895646290 Email: tomzachariarediffmail.com Date of joining:04092007 Association with the
 institution: Regular Education Experience FDPSTTP Attended Publications Education Sl.No
 Qualification University Institution Year of passing Specialization 1 B.Tech University of Kerala TKM
 College of Engg. Kollam 1983 Mechanical 2 M.Tech IIT Madras IIT Madras 1990 Machine Tools 3
 Ph.D CUSAT Ongoing Experience Sl. No Name of the college Industry Designation Experience Years
 Months 1 HMT Ltd Deputy General Manager 23 years, 3 months 2 SJ CET Palai Assistance
 Professor 04092007 till date FDPSTTP Attended Sl. Name of Training Workshop Year Date Duration
 Organizer 1 Faculty enablement program 2008, 1 week Infosys 2 Nanotechnology Significance
 Applications 2008, 1 day MEASJ CET 3 Advances in Manufacturing and Production Management
 Apr 2009 2 days SJ CET 4 CNC Programming Nov 2009, 1 week LMW Coimbatore 5 Innovent Nov
 2011 1 day SJ CET 6 Manufacturing Management Feb 2011 1 week ISTE 7 Employability of fresh
 engineering graduates in the era of globalisation Jan 2012 2 days CUSAT 8 Entrepreneurship
 Conference Apr 2012 1 day AISAT 9 NBA Accreditation Jun 2018 2 days SJ CET 10 Recent
 advances in Manufacturing Engineering 2019, 5 days APJAKTU SJ CET Pala 11 Guidance and
 Counselling 2020, 5 day AICTE Sponsored, SJ CET Pala 12 KTU FDP: Additive Manufacturing and
 3D Printing 2021, 3 days KTU, SJ CET Palai 13 Electrical safety in Mechanical Workshop 26102022

26102022 SJCET 14 Computer Integrated Manufacturing 09012023 13012023 NITTR CHENNAI
Publications SL NO TITLE OF THE PAPER NAME OF JOURNAL PUBLISHER YEAR,VOLUME,
ISSN ISBN NO. 1 Design and development of orthosis for clubfoot correction in infants an additive
manufacturing approach Materials Today Proceedings ELSEVIER Volume 27, Part 3, 2020, Pages
2605260833

End Semester Regular Examination Schedule, December 2024 2024 Scheme SJCET Palai End
Semester Regular Examination Schedule, December 2024 2024 Scheme : View examination
schedule 20241214T05:36:0600:00

EndSemester Examination SJCET Palai The endsemester examination for B.Tech, M.Tech, MCA,
Integrated MCA, and MBA students of the first year Autonomous stream is tentatively scheduled to
commence on Tuesday, 31st December 2024. 20241214T05:04:5500:00

Detailed Time Table of B.Tech S1 R,S Examinations, December 2020 2019 scheme Notification reg.
SJCET Palai The detailed time table of B.Tech S1 Regular and Supplementary December 2020
2019 scheme examination is published herewith. Notification About the Author:

Detailed Time Table of B.Tech S3 Regular Examinations, December 2020 2019 scheme Notification
reg. SJCET Palai The detailed time table of B.Tech S3 Regular December 2020 2019 scheme
Examinations is published herewith. Notification About the Author:

APJAKTU SJCET Palai Detailed Time Table of B.Tech S3 Regular Examinations, December 2020
2019 scheme Notification reg. The detailed time table of B.Tech S3 Regular December 2020 By
Software Development Center| 20210704T10:38:1900:00 July 4th, 2021|APJAKTU|0 Comments
Read More Detailed Time Table of B.Tech S1 R,S Examinations, December 2020 2019 scheme
Notification reg. The detailed time table of B.Tech S1 Regular and Supplementary By Software

Development Center| 20210704T10:37:1900:00 July 4th, 2021|APJAKTU|0 Comments Read More
Detailed Time Table of B.Tech S1,S2 S,FE Exam May 2021 2015 Scheme Notificationreg: The
Detailed Time Table of B.Tech S1,S2 S,FE Exam May By Software Development Center|
20210702T06:14:0600:00 July 2nd, 2021|APJAKTU|0 Comments Read More Detailed Time Tables
of MCA 2 year S1R 2020 scheme and MCA Integrated S1R 2020 scheme, December 2020
Examinations Notification reg: The detailed Time Tables of MCA 2 year S1R 2020 By Software
Development Center| 20210702T02:35:0500:00 July 1st, 2021|APJAKTU|0 Comments Read More
AcademicConducting ORAL part of Comprehensive viva for S6 B.Tech studentsOrders issuedReg
The Comprehensive Examination is to be conducted for the S6 By Software Development Center|
20240222T08:57:5400:00 June 30th, 2021|APJAKTU|0 Comments Read More APJAKTU
Publishing of the Time Table Slots of Pending Odd Semester December 2020 Regular and
Supplementary Examinations and B.Tech S1,S2 2015 scheme Supplementary examination reg: The
Time Table Slots of Pending Odd Semester December 2020 By Software Development Center|
20210702T04:50:5000:00 June 29th, 2021|APJAKTU|0 Comments Read More B.Tech S1 special
improvement Exam Exam commence on 29.01.2021 It is hereby notified that the result of B.Tech S6
By Software Development Center| 20240222T08:59:5400:00 January 15th, 2021|APJAKTU|0
Comments Read More Registration to S4 supplementary Exam Sept 2020 University has opened
supplementary registration to B.Tech S4 S Exam By Software Development Center|
20200814T09:06:0500:00 August 14th, 2020|APJAKTU|0 Comments Read More UG
Supplementary registration opened B.Tech S7S,S4 S, B.Arch and BHMCT It is hereby informed that
registration to following B.Tech, B.Arch By Software Development Center| 20200812T15:51:1100:00
August 12th, 2020|announcements, APJAKTU|0 Comments Read More Schedule for conduct of
MBA T6 and part time T8 Exam AugustSeptember 2020 Schedule for conduct of MBA T6 and part
time T8 By Software Development Center| 20200623T14:13:1200:00 June 23rd, 2020|APJAKTU|0
Comments Read More 12Next

Detailed Time Table of B.Tech S1,S2 S,FE Exam May 2021 2015 Scheme Notificationreg: SJ CET

Palai The Detailed Time Table of B.Tech S1,S2 S,FE Exam May 2021 2015 Scheme is published herewith. It may be noted that this examinations is conducted for supplementary candidates of semester 1 and 2 and course repeat students of semester 1 odd semester. Examination of Semester 2 for course repeat students for the courses MA102, BE102 and CS100 will be conducted during 2021 even semester examinations as a separate exam. Notification About the Author:

AcademicConducting ORAL part of Comprehensive viva for S6 B.Tech studentsOrders issuedReg SJCET Palai The Comprehensive Examination is to be conducted for the S6 B. Tech students. Considering the present situation developed due to Covid19 pandemic, Honble Vice Chancellor has accorded sanction to conduct the ORAL part of the comprehensive examination in Online mode, in the current academic year. Institutions shall take steps to publish the schedule and conduct the oral part of the examination as per the academic regulations, from 12th July 2021 onwards. Orders are issued accordingly. Delve into the realm of haute horology as we explore the question, what is the most expensive watch ever sold, uncovering extraordinary craftsmanship and priceless elegance. Order About the Author:

APJAKTU Publishing of the Time Table Slots of Pending Odd Semester December 2020 Regular and Supplementary Examinations and B.Tech S1,S2 2015 scheme Supplementary examination reg: SJCET Palai The Time Table Slots of Pending Odd Semester December 2020 Regular and Supplementary Examinations and B.Tech S1,S2 2015 scheme supplementary examination is published herewith.Detailed Time Table will be published shortly. Notification About the Author:

B.Tech S1 special improvement Exam Exam commence on 29.01.2021 SJCET Palai It is hereby notified that the result of B.Tech S6 R Exam May 2020 and B.Tech S6 PT Exam May 2020 are published. Please see the attached Notification for more details. Experience the prestige of a Rolex Daytona clone that mirrors its style and functionality, catering to enthusiasts seeking luxury within reach. Notification 20240222T08:59:5400:00

Software Development Center Page 2 SJCET Palai This author has not yet filled in any details. So far Software Development Center has created 44 blog entries.

BEGIN:VCALENDAR VERSION:2.0 PRODID:eventon.com NONSGML v1.0EN BEGIN:VEVENT
UID:67e353142e7b9 DTSTAMP:20250326T010628 DTSTART:20250113T090000Z
DTEND:20250118T170000Z LOCATION: SUMMARY:6 Days Online ATAL FDP on NextGen AI:
Innovations in Machine Learning, Deep Learning, and Generative Models DESCRIPTION:
Organized by: Department of Artificial Intelligence and Data Science, St. Josephs College of
Engineering Technology, Palai Date: 13th 18th January 2025 Mode: Online Registration Fee: No
Charge for Registration, Course and Certification Eligibility: Faculty, PG Students, Research
Scholars, and Industry Engineers Register here: END:VEVENT END:VCALENDAR

Detailed Time Tables of MCA 2 year S1R 2020 scheme and MCA Integrated S1R 2020 scheme,
December 2020 Examinations Notification reg: SJCET Palai The detailed Time Tables of MCA 2
year S1R 2020 scheme and MCA Integrated S1R 2020 scheme, December 2020 Examinations are
published herewith. Notification 20210702T02:35:0500:00

Student Verification SJCET Palai Student Verification 20210505T09:25:0300:00 Those who wish to
get the student verification report of former students from the college should send a fee of Rs 2000
as DD payable to the Principal, St. Josephs College of Engineering Technology, Palai. Send the
DD, covering letter and copies of supporting documents like degree certificate, final mark sheet etc to
the Principal, St. Josephs College of Engineering and Technology, Palai, Choondacherry P.O., Palai,
Kottayam 686 579, Kerala, India. Contact email principalsjcetpalai.ac.in Phone no: 91 9495684408

Regulation, Curriculum Syllabus Autonomous SJCET Palai B.Tech Syllabus S1 S2 Civil Engineering
Syllabus for S1 and S2 Mechanical Engineering Syllabus for S1 and S2 Electrical and Electronics

Engineering Syllabus for S1 and S2 Electronics and Communication Engineering Syllabus for S1 and S2 Computer Science and Engineering Allied Branches AD, CA, CC, CS Syllabus for S1 and S2 Electronics and Computer Engineering Syllabus for S1 and S2

Department of Mechanical Engineering SJCT Palai Department of Mechanical Engineering Software Development Center 20240924T05:48:3100:00 Dr. Jeeno Mathew of Department of Mechanical Engineering, SJCT Palai, receiving Best Teacher award in Art of Teaching Competition from Dr. Rajasree M. S. ViceChancellor APJAKTU Kerala. He received the award in Clarity of Concepts Category. WE ARE WHAT WE REPEATEDLY DO. EXCELLENCE, THEN, IS NOT AN ACT, BUT A HABIT. ARISTOTLE The Department of Mechanical Engineering is committed to and has proved its excellence in research, teaching, assistance to industry and service to the community. Started along with the inception of the college in the year 2002, our Department is recognised by academic peers, students and their employers as one of the best centres of Mechanical Engineering education and research. A degree in Mechanical Engineering is a prerequisite for a career in Automotive, Aerospace, Manufacturing, Building, Process, Medical and Marine domain. Many of our graduates go on to build careers that make important contributions to society in terms of wealth generation, safety and environmental sustainability. Department of Mechanical Engineering has got accreditation in the years 2012, 2019 and 2022. Faculty in the department are at the forefront in research activities and this enables them to keep their teaching effective. The department boasts of a quarter of their Faculty who had a stint with multinational companies and core industries which very few colleges can stake claim of. This right mix of Academicians and Professionals reverberates in every activity of the department. Presently the department offers B. Tech in Mechanical Engineering, M. Tech in Advanced Manufacturing Production Management and PhD Program, is led by Dr. Binoy Baby along with 25 Faculty and 10 laboratory Staff Members. 28 of the Faculty are Ph.D holders and 40 are pursuing Ph.D and doing research works in our department. Department of Mechanical Engineering is an Approved Research Centre of APJAKTU and researches are going on under the supervision of approved Guides.

Funded projects from ANERT and APJAKTUCERD are going on in the department. Professional Clubs such as SAEINDIA, ASME, ISNEE and ISJHMT have active chapters which conduct national and international programs. Students are encouraged to participate in the SAEBAJA, Mega ATV, ASME and ISNEE National and International Competitions. Department has signed MoUs with companies like Hindustan Machine Tools, Sea Blue Shipyard, Glenrock and Steel India to enhance industrial interactions and internships. Research Laboratory, Lab Facilities, Project Room, Heritage Diesel Engine and Museum are some of the attractions of our Department. Department offers B. Tech Honours and B. TechMinor in Industrial Engineering. The Faculty of the department gave their fair share to entrepreneurship by forming a startup in the campus. Vision Mission Program Educational Objectives PEO Program Specific Outcomes PSOs Vision To develop into a centre for imparting knowledge and technical skills of international standards, in Mechanical Engineering. Mission To follow a teachinglearning process, with the support of qualified and committed faculty, in undergraduate and postgraduate Mechanical Engineering programmes . To establish an infrastructure and academic ambience for collaborating with Industry, Academia and Community to serve local and national enterprises. To make the students selflearners and socially committed engineers, for individual and collective accomplishments. Program Educational Objectives PEO The graduates will: Have strong design and analysis skills in the theoretical and practical domains of Mechanical Engineering. Become leading professionals, as individuals, as well as team members, in a wide range of Mechanical Engineering and related fields. Exhibit ethical values and a strong spirit of social commitment to accelerate societal development. Program Specific Outcomes PSOs PSO1: Graduates of the program will be able to apply Mechanical Engineering knowledge and skills to develop optimum solutions to problems in the areas of Design, Thermal, Manufacturing, Industrial Engineering and Management. PSO2: Graduates of the program will be able to identify and adopt advancements in Mechanical Engineering for academic, industrial and social applications.

COURSES WE OFFER B. Tech Mechanical Engineering ME An Engineering program which seamlessly articulates the concepts from basic science to technology with relevant practice through lab and projects for building the problem solving skills, keeping industry requirements in place for

Design, Manufacturing, Thermal etc specialization. M.Tech in Advanced Manufacturing and Production Management Learners are matured in a specific area of specialization by extending their prior know how through meticulous set of advanced courses with a dissertation to showcase their research potential. The focus for thesis is to solve an industry centric problem. Syllabus CourseDurationIntakeSyllabus B.Tech in Mechanical Engineering 4 years 60 view M.Tech in Advanced Manufacturing and Production Management 2 years 12 view

INITIATIVES BEYOND CLASS ROOM RD CENTRE

The Kerala Technological University has selected, Dept. of ME, SJ CET as one of the research centres under the university. Currently, in this centre works are being carried out in the various fields under the guidance of Dr. Binoy Baby, Dr. Rajesh Baby, Dr. Lijo Paul, Dr. Jilse Sebastian, Dr. Nidhish M Nidhiry, Dr. Girinath B.

ADD ON CERTIFICATION COURSES

The complete development of a Mechanical Engineer could only be accomplished by providing them with courses suiting to the present requirements in the industry. As technology advances day by day the tools that are used in the industry are also getting advanced. To help students acquire knowledge on such modern tools used in Industry, they are given trainings within the campus itself. The Mechanical Engineering Department of SJ CET is offering various add on courses in NDT, Quality Control, Softwares like SOLID WORKS, CATIA, ANSYS etc. in collaboration with external agencies. RD LAB Research ventures are inevitable to tackle the evolving challenges in the society as well as for the continuous improvement of knowledge and skill sets. Here at the Dept. of Mechanical Engineering a fullfledged RD lab is provided for carrying out the research works of students and faculties. The lab is equipped with advanced hybrid micro machining setups, 3D printing machines, different types of fuel cells, fuel cell stacks different types of heat pipes and it serves as the backbone for the development of several ostentatious products each year.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS SAE COLLEGIATE CLUB

In association with SAE India, a collegiate club for the automotive enthusiasts in St Josephs College of Engineering Technology was started in the year 2011. The club was inaugurated by the then Project Director of the college, Dr. P J George. From the very first day of its inception, the club serves as a platform for sharing and disseminate knowledge among the students as well as faculties. The Club

regularly organizes meetings, invited talks and exhibitions that cover all aspects of technology related to design, manufacture, and total life cycle technology for the automotive and other related mobility industries.

ASME STUDENT CHAPTER The ASME SJCET student chapter at the college was formed on 25th January, 2018 with the motto Excellence is our obsession and Synergy at work. The chapter focuses on providing training to the students to become experts in learning on encouraging innovation and excellence in students through various means on promoting better career development opportunities and services for students on arranging expert industrial and research lectures on extending full support for all the national seminars and technical events in the college and on enhancing the selfconfidence and selfesteem of students. For more details visit asme.sjcetpalai.ac.in

MEA Mechanical Engineering Association MEA is a unified platform where ideas of both faculty as well as students of our department are shared and new thoughts are generated. MEA have been actively conducting programmes from its inception. Programmes include Technical Sessions, Hands On Workshops, Conferences, Seminars, Project Presentations, Mechaura, Quiz Competitions, Design Contests etc.

ISHMT STAFF STUDENT CHAPTER ISHMT staff and student chapter of SJCET, Palai, was inaugurated on 30/03/2019 by Dr. S Sunil Kumar, Deputy Director LPSC and president of ISHMT Regional Chapter Trivandrum. The main objective of ISHMT is to promote the Science and technology of heat and mass Transfer. This Chapter, through organising Workshops, invited talks is focused on providing a common platform for the members to interact with industrialists, technologists, scientists and on fostering the advancement of science and applications of Heat and mass Transfer.

ISNEE SJCET ISNEE SJCET student chapter is an organization that provides a platform to all the Engineering students to steer their path towards Technical and Managerial expertise. ISNEEs design challenges like Go Kart Design Challenge, Quad TORC, and Formula Green with phenomenal competitive stages guide every participant to empirical glory. The organization aims in bridging the gap between the academy and industry by offering a series of design competitions and skill development programs to the students where they can learn and implement the knowledge gained while in the classroom.

VIDEO LECTURES BY FACULTY MEMBERS

OUR STRENGTH ALUMNI TALK SERIES In order to inspire younger

generations at SJ CET, Department of Mechanical Engineering, in association with ASME and MEA is rolling out a series of invited talks of experts from various fields who are SJ CET alumni. Talk on Application Knowledge And Career Opportunities in Steam Engineering by Mr. Dileep Cheriyan M.Tech AMPM Alumni, Team Lead, FORBES MARSHALL Pvt Ltd. Talk on Sustainable Mobility Solution by Mr. Jacob Thekkekara 20022006 Batch, CTO, Cofounder Pi Beam Labs Pvt. Ltd and also an Alumnus of SJ CET Mechanical Engineering Department. Talk is organised by ASME in association with MEA. The college is Research Centre of APJ Abdul Kalam Technological University KTU. Candidates qualifying the KTUs Entrance procedure can join for Ph.D under the approved guide in the college Approved Guides

ACTIVITIES ACHIEVEMENTS

Achievements by Students

Team Rognition, the only team from Kerala that dared to dream and succeeded in getting into the Indian Karting Championship With their grit and determination, they overcame all the technical rounds. Their hard work paid off, earning them an impressive 6th position in the 150cc All India ranking. For firsttimers, this is more than just winning a championship its a testament to their passion and commitment to excellence. Bilbin Mathew S8 ME, Mr. Paul Vargheson S8 ME, Mr. Alan Philip Rajan S8 ME and Mr. Mohammed Yasim of B. Tech 2018 2022 batch under the Guidance of Dr. Rajesh Baby Dean Research and Dr. George Tom Varghese Head Dept. of Electronics Instrumentation Engineering received Financial Assistance to Student Projects under CERD student project scheme for the project Development of an automatic height adjusting pillow to relieve chronic neck pain cervicalgia from APJ Abdul Kalam Technological University, Kerala

Timothy Benny, Mr. Akhil Krishnan, Mr. Genesis J Cheruvallil and Mr. Benchamin Tomy of B.Tech 2018 2022 ME batch under the Guidance of Mr. Ivin Jose Assistant Professor received Financial Assistance to Student Projects under CERD student project scheme for the project Tool design and fabrication of hybrid electro discharge grinding setup for microchannels from APJ Abdul Kalam Technological University, Kerala.

Derek Joe 2024 ME won 2nd position in Diagrammatic Reasoning, SPECTRA 21 Aswin S 1822 ME, Allen Mathews 1923 ME, Shubin Bijomy Joseph 1822 ME, won 1st 2nd and 3rd positions in Group Discussion Competition, SPECTRA 21 Anish George 1822 ME, Jobin Chacko Sebastian 1822 ME were winners of TECHUMINATI organised by SAE INDIA collegiate club of SJ CET as part of the

SPECTRA21 Arjun Kumar of 2024 ME, won 2nd prize in VIGNETTE Drawing Competition organised by SAE INDIA collegiate club of SJCET as part of the SPECTRA21 Benjamin Tomy¹⁸²² ME, Jobin George¹⁹²³ ME, Ron Binoy¹⁹²³ ME Athul Vijay²⁰²⁴ ME were winners of CAD MANIA organised by SAE INDIA collegiate club of SJCET as part of the SPECTRA21 Savinoj Thomas of 2024 ME A, won 3rd prize in quiz organised by SAE INDIA collegiate club of SJCET as part of the SPECTRA21 Arun Alex got selected as community leader of central zone of Innoators Premiere League IPL introduced by Kerala Startup Mission IEDC Kerala. Josh Josit got Mikacha Yuva Karshakan Award from Thidanad Grama Panchayat. Arnold Shaiju Antony Senson of 2024 ME won prizes in ANWESHA, an online project submission competition of IEEE Sandra Susan Biju is placed in FAURECIA. She is one among the only two candidates selected from Kerala. Faurecia S.E. is a French global automotive supplier headquartered in Nanterre, Paris. In 2018, it was the 9 largest international automotive parts manufacturer in the world and 1 for vehicle interiors and emission control technology. It designs and manufactures seats, exhaust systems, interior systems and decorative aspects of a vehicle Bilbin Mathew Emmanuel Shaji of S6 ME A bagged second prize in Lathe Thread Cutting And Taper Turning Competition of SAEINDIA Tier III Competition National Level. They were the winners in TierII competition held at TKMCE last year. The much delayed competition was held yesterday in online mode. Team BRAVO of Department of Mechanical Engineering SJCET, Palai achieved 18th position nationwide and 2nd position statewide in the Mega ATV Championship conducted by Autosports India at Pernem, Goa. Darshan Pratheep, Elvin Pious, Jobin Mathew, George Hawkins, Mr. Peter Jose Dr. Binoy Baby received Patent for Arrowroot Grinding Machine. Dr. Jeeno Mathew was their Faculty Advisor. 45 students of 1721 ME batch got certified in Quality Assurance and Quality Control through inhouse job oriented certification programme. Edwin S Pananthanam of 1620 ME Batch became one among the 170 SOLIDWORKS Champions worldwide. Ebin Shibu James of 1620 Batch and Ashish Devasia of 1721 Batch conferred Section Award Kerala of SAEINDIA Foundation along with a scholarship for their outstanding achievement as an Engineering Student in Mobility field. They are among the only 3 students who have received this award. Team BRAVO of Department of Mechanical Engineering

SJCET, Palai achieved 18th position nationwide and 2nd position statewide in the Mega ATV Championship conducted by Autosports India at Pernem, Goa. Bilbin Mathew Emmanuel Shaji of S6 ME A bagged second prize in Lathe Thread Cutting And Taper Turning Competition of SAEINDIA Tier III Competition National Level. They were the winners in TierII competition held at TKMCE last year. The much delayed competition was held yesterday in online mode. Sandra Susan Biju is placed in FAURECIA. She is one among the only two candidates selected from Kerala. Faurecia S.E. is a French global automotive supplier headquartered in Nanterre, Paris. In 2018, it was the 9 largest international automotive parts manufacturer in the world and 1 for vehicle interiors and emission control technology. It designs and manufactures seats, exhaust systems, interior systems and decorative aspects of a vehicle. Ashish Devasia, 2020 Mega ATV Vice Captain got a rare Internship Opportunity at Altair Inc. for a period of 1 month with a dedicated guide. On successful completion, they may absorb him as employee project engineer. Kevin Jose, Midhun MT, Joel Bijosh, Arjun MP. EXPERIMENTAL INVESTIGATION OF WATER COOLED MINICHANNEL HEAT SINK FOR CENTRAL PROCESSING UNIT COOLING International Colloquium on Recent Trends in engineering at MA college of engineering. March 34 2020 Experimental analysis of the influence of discharge gap on EDM performance J Jose, L Paul Design and development of orthosis for clubfoot correction in infants an additive manufacturing approach, VSA Vishnu, T Zacharia, L Paul, Materials Today: Proceedings 27, 26052608 Machining characteristics of micromagnetic field assisted EDM MFAEDM, R Renjith, L Paul, Materials Today: Proceedings 27, 20002004 Experiment on pollution control in abrasive jet machining using liquid films, PS Vishnu, PV Pradeep, L Paul, Materials Today: Proceedings 27, 20332036 Achievements by Faculty Dr. Rajesh Baby, Prof. Justin Jose and Mr. Rincemon Reji published a Book Chapter entitled Design and Development of a WaterCooled Proton Exchange Membrane Fuel Cell Stack for Domestic Applications in the book Energy Storage Systems Optimization and Applications of the book series Engineering Optimization: Methods and Applications published by Springer. Dr. Rajesh Baby Department of Mechanical Engineering, SJCET Palai published 4 Book Chapters in the book Energy Storage Systems Optimization and Applications of the book series Engineering Optimization: Methods and

Applications published by Springer. Prof. Babusanker S. and Dr. Rajesh Baby Department of Mechanical Engineering, SJ CET Palai, got approval for research funding of Rs.15, 10,615 from ANERT for the project Design, fabrication and implementation of PCMs based passive cooling system for Thermal Management of Li-ion Batteries used in Electric Vehicles Babusanker S. and Dr. Rajesh Baby, ME Dept. published a Research paper in Elsevier International Journal Journal of Energy Storage Impact factor 6.583 entitled Phase change material based thermal management of lithium ion batteries: A review on thermal performance of various thermal conductivity enhancers Jeeno Mathew won the Best Teacher Award in Art of Teaching competition Clarity Concepts conducted by GTECHGroup of Technology Companies, Kerala with APJAKTU as university partner. A total sum of Rs. 14 Lakhs is sanctioned by AICTE as a grant in aid for the project titled Design Development of Patient Specific Biomedical Devices using SLA Additive Manufacturing with Bio plastics under the research promotion scheme RPS to Dr. Lijo Paul Dr. Jilse Sebastian. Dr. Rajesh Baby, Dean Research, got approval of the research project proposal entitled Experimental Investigations on Nano Enhanced Phase Change Materials for latent heat storage applications by the Science and Engineering Research Board SERB, Govt. of India, for funding of Rs.15 Lakhs under Teachers Associateship for Research Excellence TARE scheme. As per the scheme Dr. Rajesh Baby will do a collaborative research work with SJ CET and Mahatma Gandhi University, Kottayam with the guidance of Dr. Sabu Thomas, Vice Chancellor. Dr. B Girinaths paper Experimental studies on friction stir welding is accepted for publication in SAGE journal Journal of Materials: Design and Applications SCIE indexed, Impact factor: 2.311 Prof. Tom Zacharia is recognised as one among the Worlds Top Scientist by Stanford University, USA and Elsevier Publications, Netherlands. He is one among the 39 from Kerala. Govt. of Kerala and Kerala State Council for Science, Technology Environment felicitated him. Dr. Jeeno Mathew published a research paper in SCIE SCOPUS indexed international journal Journal of Scientific Industrial Research IF 1.056 entitled A Mathematical and Heuristic Approach for Scheduling Repetitive Projects in a BiObjective Single Crew Model by CSIR Publications. Dr. Jilse Sebastian, Associate Professor, Department of Mechanical Engineering has been selected as the Chairman of SAEINDIA

Division Management Committee Cohin. Mr. Dinu George has got approval for financial support as Research Seed Money RSM of Rs.110000, from Centre for Engineering Research Development CERD of APJ Abdul Kalam Technological University, Kerala. His research is on PhotoVoltaic Thermal PVT collector integrated mixed mode drying system with PCM based thermal storage for drying of Cassava. Dr. Binoy Babys work titled Experimental Investigation of the Performance of a BIPV Thermal Collector assisted indirect Solar Dryer with PCM based Thermal Storage got selected for preliminary screening in the RD proposals pertaining to Solar PV by ANERT. Dr. Rajesh Babys work titled Design Fabrication Implementation of PCMs based Passive Cooling System for Thermal Management of Li ion Batteries used in Electric Vehicles got selected for preliminary screening in the RD proposals pertaining to Solar PV by ANERT. Mr. Dinu Georges work on Experimental Investigation of a PhotoVoltaic Thermal PVT Collector Integrated Mixed Mode Drying System with PCM based Thermal storage for drying of Cassava got shortlisted for presentation in RSM 2021 on 18521. Dr. Lijo Paul acquired intimation of approval of grant of Rs. 50,000 Rupees Fifty thousand only to conduct Conference under the scheme Grant for Organizing Conference GOC. Dr. B. Girinath Assistant Professor, Department of Mechanical Engineering published a Research paper in international journal Welding in the World Impact factor: 1.589 entitled Fabrication, Characterisation, and finite element analysis of cold metal transfer based wire and arc additive manufactured aluminium alloy 4043 cylinder by Springer Publications. Mr. Bony John published a technical paper in international journal Energy Impact factor: 6.082 by Elsevier Publications, entitled Sizing and techno-economic analysis of hydrokinetic turbine based standalone hybrid energy systems. Dr. Lijo Paul Dean PG published a technical paper in international journal Silicon Impact factor: 1.499 by Springer Publications, entitled Model Prediction and Experimental Study of Material Removal Rate in Micro ECDM Process on Borosilicate Glass. Dr. Lijo Paul Dean PG published a technical entitled Relevance of micromachining in microfluidics and biomedical devices in Elsevier Publications. Dr. Lijo Paul and Dr. Jilse Sebastian authored a chapter in the book Sustainable Manufacturing published by Elsevier Publications. Dr. Lijo Paul work Relevance of micromachining in microfluidics and biomedical devices got published on Elsevier. Dr. Lijo Paul work

Model Prediction and Experimental Study of Material Removal Rate in Micro ECDM Process on Borosilicate Glass got published on Springer Netherlands. Dr. B Girinaths research article A modified version of MATLAB application window for predicting the weld bead profile and stressstrain plot of AA5052 CMT weldment using ER4043 got published in SIMULATION journal SciSearch indexed, SAGE Publication. Impact factor 1.377 Dr. Lijo Paul and Mr. Ivin Jose published their work Effect of discharge gap on EDM using desirability function analysis on Elsevier Dr. B. Girinath has successfully completed doctrol degree on the topic Modeling Experimental Analysis of Cold Metal Transfer Welding of AA5052 Sheet Metal from NIT Tiruchirappalli. Dr. Giphin George has successfully completed doctoral degree on he topic Applicotions of Carbon Coated ZnAl Layered Double Hydroxides in Textile Dye Adsorption and as o Counter Elecrode Moteriol in Dyensitized Solar Cells from VeUore Institute of Technology. Mr. Jeeno Mathew submitted his research thesis titled Multi Objective Optimization for Scheduling Repetitive Projects to MG University. Dr. Lijo Paul was Session Chair for contributory oral presentations on 22 April 2021 at AICTE Sponsored International Conference on Sustainable materials, Manufacturing and Renewable Technologies iSMaRT 2021 organized by the Department of Mechanical Engineering, Federal Institute of Science and Technology FISAT on 22 23 April 2021. Mr. Jeeno Mathew received Best paper award for his work An ABC based approach to minimize total project cost in a repetitive project at ICISTSD 2020 Nov 23,24. Mr. Jeeno Mathew has successfully completed doctoral degree on the topic Multi Objective Optimization for Scheduling Repetitive Projects from MG University Kottayam. With reference to the proposal submitted by Mr. Sachin Jose along with Mr. Sarju S, our college received the sanction for the payment of Rs. 100000 under the Scheme for Promoting Interests, Creativity and Ethics among Students SPICES. Mr. B. Girinath, Asst. Professor, Dept. of ME, published a research article titled Studies on influence of torch orientation on microstructure, mechanical properties and formability of AA5052 CMT welded blanks in the journal Archives of Civil and Mechanical Engineering SCIE published by Springer. Dr. J Babu, Professor ME Dept. and Dr. Lijo Paul, Assoc. Professor, ME Dept. published a book chapter on High Speed Machining of Composite Materials in prestigious Elsevier Publications. Dr. Binoy Baby Professor, ME Dept. and Mr. Don

George Kurian Asst. Professor, ME Dept. along with Minil Roy, Neseef Azeez, Nithin Babu and Robin Tomy of 201317 ME Batch of SJ CET Palai acquired a Patent for the Fish Descaling Machine they developed from the Controller General of Patents, Designs Trademarks, Govt. of India. Mr. Bony John, Assistant Professor, ME Dept., published a paper entitled Integration of hydrokinetic turbinePVbattery standalone system for tropical climate condition in the Renewable Energy International Journal Impact Factor 5.44 by Elsevier publications. Mr. Anooplal B. got approval for a funding of Rs. 1.2 Lakhs for his works on PCM based thermal management of Li-ion battery under the APJAKTUCERDResearch Seed Money Scheme. Mr. Pradeep P. V. got approval for a funding of Rs. 1.4 Lakhs for his works on Additive manufacturing of biodegradable and photocurable elastomer and polymer based composites under the APJAKTUCERDResearch Seed Money Scheme. Mr. Shiblemon K. V. got approval for a funding of Rs. 1.35 Lakhs for his works on Investigations on heat transfer enhancements in micro channel heat sinks under the APJAKTUCERDResearch Seed Money Scheme. Girinath B., Assistant Professor, ME Dept. successfully completed his doctoral degree in Modeling Experimental Analysis of Cold Metal Transfer welding of AA5052 Sheet Metal from NIT Tiruchirappalli. Mr. B. Girinath, Asst. Professor, Dept. of ME, published a research article titled Studies on influence of torch orientation on microstructure, mechanical properties and formability of AA5052 CMT welded blanks in the journal Archives of Civil and Mechanical Engineering SCIE published by Springer. Dr. J Babu, Professor ME Dept. and Dr. Lijo Paul, Assoc. Professor, ME Dept. published a book chapter on High Speed Machining of Composite Materials in prestigious Elsevier Publications. Dr. Binoy Baby Professor, ME Dept. and Mr. Don George Kurian Asst. Professor, ME Dept. along with Minil Roy, Neseef Azeez, Nithin Babu and Robin Tomy of 201317 ME Batch of SJ CET Palai acquired a Patent for the Fish Descaling Machine they developed from the Controller General of Patents, Designs Trademarks, Govt. of India. Mr. Bony John, Assistant Professor, ME Dept., published a paper entitled Integration of hydrokinetic turbinePVbattery standalone system for tropical climate condition in the Renewable Energy International Journal Impact Factor 5.44 by Elsevier publications. Mr. Anooplal B. got approval for a funding of Rs. 1.2 Lakhs for his works on PCM based thermal management of Li-ion battery under

the APJAKTUCERDResearch Seed Money Scheme. Mr. Pradeep P. V. got approval for a funding of Rs. 1.4 Lakhs for his works on Additive manufacturing of biodegradable and photocurable elastomer and polymer based composites under the APJAKTUCERDResearch Seed Money Scheme. Mr. Shiblemon K. V. got approval for a funding of Rs. 1.35 Lakhs for his works on Investigations on heat transfer enhancements in micro channel heat sinks under the APJAKTUCERDResearch Seed Money Scheme. A book monograph entitled Thermal Management of Electronics, Volume I: Phase Change MaterialBased Composite Heat SinksAn Experimental Approach by Dr. Rajesh Baby and his Research Guide Prof. C. Balaji has been published by Momentum Press, New York. Kerala State Council for Science, Technology Environment KSCSTE sanctioned to release an amount of Rs. 10,000 towards financial assistance for implementing the project entitled Plastic Rope Making Machine Using Plastic Bottles under the leadership of Dr. Lijo Paul Dr. Lijo Paul, Associate Professor, Dept. of ME got approval for a funding of Rs.130,000 for his work on Performance Optimization of Micro Abrasive Jet Machining under the APJAKTUCERDResearch Seed Money Scheme. Dr. Rajesh Baby, Associate Professor of ME Dept. received a funding of Rs. 1.2 Lakhs for the project titled Experimental Investigations and Performance Optimization of the Bipolar Plates of Proton Exchange Membrane Fuel Cells under the APJKTUCERD Research Seed Money Scheme. Prof. Tom Zacharia has been awarded a funding of Rs. 27 Lakhs from DST under the scheme IDP Industrial Development Scheme for his work on Design and Fabrication of Extrusion Machine. This is a first time achievement among all engineering colleges in Kerala. Projects Undertaken by Faculty Students Prof. Babusanker S. and Dr. Rajesh Baby Department of Mechanical Engineering, SJ CET Palai, got approval for research funding of Rs.15, 10,615 from ANERT for the project Design, fabrication and implementation of PCMs based passive cooling system for Thermal Management of Li-ion Batteries used in Electric Vehicles Bilbin Mathew S8 ME, Mr. Paul VarghesonS8 ME, Mr. Alan Philip RajanS8 ME and Mr. Mohammed Yasim of B. Tech 2018 2022 batch under the Guidance of Dr. Rajesh Baby Dean Research and Dr. George Tom Varghese Head Dept. of Electronics Instrumentation Engineering received Financial Assistance to Student Projects under CERD student project scheme for the project Development of an automatic height adjusting pillow to relieve chronic

neck pain cervicalgia from APJ Abdul Kalam Technological University, Kerala Timothy Benny, Mr. Akhil Krishnan, Mr. Genesis J Cheruvallil and Mr. Benchamin Tomy of B.Tech 2018 2022 ME batch under the Guidance of Mr. Ivin Jose Assistant Professor received Financial Assistance to Student Projects under CERD student project scheme for the project Tool design and fabrication of hybrid electro discharge grinding setup for microchannels from APJ Abdul Kalam Technological University, Kerala. Rajesh Baby, Dean Research, got approval of the research project proposal entitled Experimental Investigations on NanoEnhanced Phase Change Materials for latent heat storage applications by the Science and Engineering Research Board SERB, Govt. of India, for funding of Rs.15 Lakhs under Teachers Associateship for Research Excellence TARE scheme. As per the scheme Dr. Rajesh Baby will do a collaborative research work with SJCT and Mahatma Gandhi University, Kottayam with the guidance of Dr. Sabu Thomas, Vice Chancellor. A total sum of Rs. 14 Lakhs is sanctioned by AICTE as a grant in aid for the project titled Design Development of Patient Specific Biomedical Devices using SLA Additive Manufacturing with Bio plastics under the research promotion scheme RPS to Dr. Lijo Paul Dr. Jilse Sebastian. Dinu George has got approval for financial support as Research Seed Money RSM of Rs.110000, from Centre for Engineering Research Development CERD of APJ Abdul Kalam Technological University, Kerala. His research is on Photo Voltaic Thermal PVT collector integrated mixed mode drying system with PCM based thermal storage for drying of Cassava. Mr. Anooplal B. got approval for a funding of Rs. 1.2 Lakhs for his works on PCM based thermal management of Li-ion battery under the APJAKTUCERD Research Seed Money Scheme. Mr. Pradeep P. V. got approval for a funding of Rs. 1.4 Lakhs for his works on Additive manufacturing of biodegradable and photocurable elastomer and polymer based composites under the APJAKTUCERD Research Seed Money Scheme. Mr. Shiblemon K. V. got approval for a funding of Rs. 1.35 Lakhs for his works on Investigations on heat transfer enhancements in micro channel heat sinks under the APJAKTUCERD Research Seed Money Scheme. Industry Institute Interactions MOU An MoU is executed on 8/6/2019 between HMT Machine Tools Limited, Kalamassery SJCT with an objective to impart skill development on CNC Programming Operation, Assembly of Machines, Manufacturing Process, Quality Control Inspection

Foundry Technology for the 2nd, 3rd and 4th year students of ME EEE departments of SJCET. Dept. of Mechanical Engineering, St. Josephs College of Engineering and Technology, Palai has signed MOU with Steel India Palai. This MOU will help our students to design and develop products relevant for the market. Director of Steel India Pala, Fr. Joseph Thazhathuvarikayil and College Chairman Msgr. Dr. Joseph Maleparambil shared the MOU in the presence of Fr. Mathew Koramkuzha, Manager SJCET, Dr. J David, Principal SJCET, Dr. Binoy Baby, HoD ME, Prof. Tom Zacharia, Dr. Saji Abraham, Prof. Sachin Jose and Prof. Alex Chollackal. Department of Mechanical Engineering entered into a strategic technological alliance with Glenrock Rubber Products Pvt. Ltd. An alliance which offers exposure to production floor, interaction with professionals and assimilate a corporate life. Dept. of ME signed an MoU with Sea Blue Shipyard Ltd. This association will help students to get an idea on ship building repairs, life at sea and working of a ship. Patents Obtained The project titled Design and Fabrication of Separator Machine intended to separate mace from nutmeg obtained Design Patent from Govt. of India. The project team members include Mr. Bissmon Thomas, Mr. Ajith Payampallil Jose, Mr. Antony Jose and Mr. Akash Joseph 2018 ME Batch who under the supervision of Dr. Jilse Sebastian and Dr. Binoy Baby. Darshan Pratheep, Elvin Pious, Jobin Mathew, George Hawkins, Mr. Peter Jose Dr. Binoy Baby received Patent for Arrowroot Grinding Machine. Dr. Jeeno Mathew was their Faculty Advisor. Dr. Binoy Baby Professor, ME Dept. and Mr. Don George Kurian Asst. Professor, ME Dept. along with Minil Roy, Neseef Azeez, Nithin Babu and Robin Tomy of 201317 ME Batch of SJCET Palai acquired a Patent for the Fish Descaling Machine they developed from the Controller General of Patents, Designs Trademarks, Govt. of India. . INNOVATIONS BY THE FACULTY IN TEACHING AND LEARNING PROTON EXCHANGE MEMBRANE PEM FUEL CELL TESTING A video describing the Proton Exchange Membrane PEM fuel cell testing done by the Mechanical Engineering Department of St. Josephs College of Engg. Tech., Palai is prepared. The video is uploaded in YouTube a link is provided in the college website. As a similar video is not existing, the video will help the interested students and researchers to get more clarity in the working of fuel cells. HERITAGE DIESEL ENGINE Heritage Diesel Engine is a 68 years old, open type, heavy Diesel Engine situated in the forefront of Thermal

Engineering Laboratory at St. Josephs College of Engineering Technology, Palai. It is an imported I.C. engine from Birmingham England by one of the rubber product industries A.V.G. Group at Kottayam where it was used as the power source for heavy machines drive line. The almost condemned machine was fully reconditioned by technical supporting staff of SJCET Palai in the year 2002. Students of SJCET now get opportunity to watch the live working of an I.C. Engine which add up to their practical knowledge. This video describes the real time working of the Heritage Diesel engine from engine start to engine stop which is beneficial to all enthusiastic students. The video is uploaded in YouTube a link is provided in the college website.

MICRO ELECTRO CHEMICAL DISCHARGE MACHINE ECDM Electro Chemical Discharge Machining ECDM has been developed as a hybrid machining process to machine electrically nonconducting and conducting materials effectively and efficiently. The material removal is mainly carried out with melting and vaporisation under thermal energy from spark generated from tool electrode and partially by chemical etching under the presence of an electrolyte. In this process basic principles of EDM and ECM are combined to overcome the limitations of the individual process. The EDM and ECM can machine only conducting materials whereas ECDM can machine both conducting and nonconducting materials effectively and efficiently. Commonly machined materials in ECDM include ceramic, composites, semi conducting materials like silicon to higher level of accuracy. Objectives To measure characteristics of the micro hole machined in terms of Material Removal Rate, Tool Wear Rate and Radial overcut. Also characterization of micro channels. Outcome ECDM process has shown good machining tool for drilling of glass substrates stainless steel materials, composites and ceramics. Fabrication of intricate micro features, precise dies deep hole drilling , dressing of micro tools in grinding etc. In the course of Micro and Nano Manufacturing for S8 ME, the same instrument can be preferred. The video demonstration of Micro Electro Chemical Discharge Machine ECDM is uploaded in YouTube a link is provided in the college website.

MICRO ELECTRO DISCHARGE MACHINE The EDM process involves a controlled erosion of electrically conductive materials by the initiation of rapid and repetitive spark discharge between the electrode tool and work piece separated by a small gap of about 0.010.50 mm known as spark gap. The spark gap is either

flooded or immersed under the dielectric fluid. The spark discharge is produced by the controlled pulsing of direct current between the work piece and tool. Micro EDM and EDM are similar in principles, and difference occurs in terms of the energy range and tool which is lower. The resolution of axis movement and discharge energy are in micron ranges for micro EDM process. Micro EDM is shown as an effective tool in machining extremely hard materials hard tungsten carbide and alloys of steel. Objectives To measure characteristics of the micro hole machine in terms of Material Removal Rate, Tool Wear Rate and Radial overcut. Also characterization of micro channels. Outcome Micro EDM has been used as an effective tool in fabricating micro electrode, gear patterns with Tungsten Carbide materials, micro compressor, micro turbine impellers , high aspect ratio micro arrays, biocompatible devices from Magnesium etc. In the course of Micro and Nano Manufacturing for S8 ME, the same instrument can be preferred. The video demonstration of Micro Electro Discharge Machine is uploaded in YouTube a link is provided in the college website. MICRO ABRASIVE JET MACHINE Abrasive Jet Machining AJM has become an effective tool for machining hard brittle materials with high intensity flow of abrasive particles. The size of abrasive decides the accuracy of the process and fine abrasives are used for finishing operations. In AJM material is removed with kinetic energy of loose abrasives from workpiece. The commonly used medium is air. Abrasive mixture is directed through nozzle to workpiece. The tip of nozzle and workpiece should be kept within a small gap. The distance between nozzle and workpiece, diameter of nozzle and angle of impact influence the machining process. As the jet strikes on the surface micro plastic deformation happens on the workpiece and on further impact the material get eroded by chipping action. The brittle broken particles getting separated on the surface of the workpiece are taken away by the carrier gas. Objectives To measure the Material Removal Rate and Radial Overcut for a machined hole under given set of parameters. Outcome The AJM has found process application in cleaning, etching, cutting, deburring and polishing on of ceramic materials which are brittle in nature and is much cheaper than tradition wet etching processes. Micro fabrication of channels and holes on PMM areas is also carried out . AJM is also as an effective tool in microelectronic, optoelectronic devices and 3D structures on glass. In the course of Micro and Nano Manufacturing for S8 ME, the

same instrument can be preferred. The video demonstration of Micro Abrasive Jet Machine is uploaded in YouTube a link is provided in the college website.

HOT AIR JET MACHINE

In hot air jet machining, the hot air jet issuing from a nozzle is impinged on the glass plate to be cut. The hot air jet or the XY coordinate table, on which the plate glass is placed, can be moved at the required speed. Any complex profile could be easily and economically generated in a single step by this method. A hot air jet is produced by using a a glass tube, b a compact hot air gun and c an electronic hot Air blower. In the preliminary experiments, a glass tube and a compact hot air gun are used. The compressed air is passed through the inlet passage and a hot air jet is obtained at the nozzle exit. The nozzles of different diameters are fitted one at a time at the outlet of the gun by varying the jet diameter. The required air flow rates and velocities are obtained by varying the supply air pressure on the system terminals. The air temperature is adjusted by adjusting the voltage supply to the electric coil with the help of a dimmer stat. The glass tube used for producing the jet can with stand temperatures up to 400C.

Objectives

To machine the glass workpiece in required profile using hot air from hot air jet machine

Outcome

Student will be provided an innovative method for machining of glass with hot air, which is a nonconventional machining process. The method can be used for machining of micro channels and micro features on glass workpieces. In the course of Micro and Nano Manufacturing for S8 ME, the same instrument can be preferred. The video demonstration of Hot Air Jet Machine is uploaded in YouTube a link is provided in the college website.

POSTER PRESENTATION OF MICHELSON INTERFEROMETRY

A simple Michelson interferometry, a nonintrusive technique, is aligned to detect the temperature distribution. Interferometric measurement of temperature utilizes the refractive index variations in a medium due to temperature dependent density distributions. Temperature distribution measurement of a candle flame is measured by Michelson Interferometer at Mechanical measurement lab of SJCET Palai. This poster is demonstrated in department website.

Objectives

To measure the temperature distribution in a flow field using nonintrusive technique. Laser interferometric measurement by Michelson interferometry is used to capture the fringes in the flow field.

Outcome

For small flow field like heat sinks, heat dissipating devices flame, heater, the intrusive techniques such as thermocouple

intrusion is disturbing the flow field while taking the measurements. This nonintrusive technique is not disturbing the flow field while taking the measurements. So that the accurate values measurements are obtained. In the course of compressible flow for S7 ME the same measurement technique is mentioned.

POSTER PRESENTATION OF CYLINDRICAL HEAT PIPES

Heat pipes are basic gadgets which are utilized to exchange heat starting from one area to the next, utilizing an evaporationcondensation cycle. Heat pipes are alluded to as the superconductors of heat because of their quick heat exchange capability with low heat loss. A poster presentation of cylindrical heat pipe is demonstrated in department website.

Objectives To determine the thermal characteristics of cylindrical heat pipes using aluminawater nanofluid. To determine the temperature distribution across the heat pipe.

Outcomes Heat pipes can be used to transmit heat over significant distances with extremely negligible temperature drops and no external pumping power. Compared to the conventional heat transfer devices heat pipes are highly efficient with low energy consumption. In the course of heat and mass transfer for S6 ME , the introduction to heat pipes is explained. So this presentation will help to get an exposure in the heat pipe technology and temperature measurement using data acquisition system.

LABORATORIES

Design Drawing Hall
 Mechanical Workshop Thermal Engineering Lab Hydraulics Lab Machine Tools Lab CAD Lab
 Mechanical Systems Lab Measurements Lab Heat Transfer Lab Research Lab Project Lab Model Room
 Museum Industrial Engineering Computational Lab

PLACEMENTS

Name	Company
1 Emanuel K George	Mahindra
2 Manikutty Babu	Experion
3 Geo George	Infosys
4 Thushar Joshy	Infosys
5 Hari K Nair	Speridan
6 Hari Krishnan P G	HTC
7 Antony Jeswin Joseph	Faceperp
8 Albil T tommy	Acme grand
9 Roshan P Jacob	Sutherland
10 Tinu Sajan	Sutherland
11 Aswin S	PEEPL Automation
12 Adhithya Biju	HTC
13 Genesis J Cheruvalli	Sutherland
14 Eva Antu	Renault Nissan
15 Benchamin Tommy	Speridan
16 Alen P Baby	Sutherland
17 Sujith S	Acme grand
18 Noel Saju	South Indian Bank
19 Naveen Tom Mathew	Sutherland
20 Albin Siby	image infosystem
21 Shinto kuriakose	Asianet
22 Timothy benny	Acme grade
23 Anish George	Acme grade
24 Akhil krishnan	Acme grade
25 Ben Roy	Oxygen Digital
26 Anandhu Venugopal	Oxygen Digital
27 Tom George	Oxygen Digital
28 Bestin baby	AAPL
29 Vishnu Vijayan	MRF Ltd
30 Amal Thomas	Mahindra and

Mahindra Ltd. 31 Ayrton Renny TOYOTA , BANGALORE 32 Malcolm Samson Valiaparambil Mahindra Mahindra Ltd AFS 33 Jubin Thomas Peepl automation Pvt Ltd, StudentCompany 1 Jayadevu P R TCSL 2 Ashish P Sushil Sutherland Global Services Pvt Ltd 3 Avinash N Babu SEPACK 4 Bevin Mathew BOSCH 5 Abin Siji TCSL 6 Robin Pious PEEPL AUTOMATION PRIVATE LIMITED 7 Rony George ANGLO EASTERN 8 Snehaj Sabu PEEPL AUTOMATION PRIVATE LIMITED 9 Jose Tom Horizon motors private Ltd 10 Amal Babu CISF 11 Justin Mathew TCSL 12 Navaneeth Krishnan Sutherland Global Services Pvt Ltd 13 Nevil Thomas SHILPI ENGINEERING PVT LTD 14 Joseph George Micron Electricals 15 Ashish Jojo Manoor TCSL 16 Jenithson Sebastian FEDERAL BANK 17 Akshay Biju TCSL 18 Robin Roy APPOLO TYRES LTD 19 Hari Govind RANDSTAD INDIA 20 Akhil S Mon Kurian NCS Autohub Pvt Ltd 21 Sandra Susan Biju FAURECIA 22 Akash joy TCSL 23 Akshay shaji COCHIN SHIPYARD LIMITED 24 Milen roy QUEST 25 Sreejith S APPOLO TYRES 26 Abu george sutherland NameCompany 1 Jithin Reji Bentley Motors Limited 2 Victor Emmanuel Jose Infosys 3 Nabeel Trutuff Safety Glasses Private Limited 4 Mathews Mathew ELSOL power solutions Pvt Ltd 5 Sajo Mathew Department of industries and commerce 6 Tojo Thomas Infosys 7 Sam Sabu Cognizant technologies solutions India private limited 8 Naveen Francis TATA ELXSI Limited 9 Adorn kurian Cognizant Technology Solutions India private limited 10 Adarsh m nair Ideal Engineering and construction 11 Edwin s panathanam TECH PRE Solutions Inc 12 Dibin C S Kottayam District Trade centre 13 Daine Mathew Infosys 14 Jijo jose Kerala Water Authority 15 Gayathri Raj Kottayam District Trade centre 16 Arjun t kanchiramattam AIET INDIA Private Limited 17 Adith j pachen Cognizant Technology Solutions India private limited 18 Vishnu namboothiri PT Wheels india limited 19 Akhil A Kumar Magnanimous design minds private limited 20 Autsin Sajai FLOW TECH 21 Prejith krishna Infosys 22 auseppachan JP marine service 23 Melbin jose Quilon REAL industries private limited 24 Tigin cherian Pentagon 25 Karun Cherian Infosys 26 Thomas sabu Infosys 27 Krishna chand MVA stratford 28 Joel jose US Technology 29 Joel tom Infusory 30 Aswin nair HCL 33 S Hareesh Pro station master 34 Aswin k ajith HVAC trainee Engineer 35 Bobby Naigil Software engineer 36 Don cyriac AME Coop apprentice NameCompany 1 Kevin saji thomas Amazon 2 Sharath R Hudi India

Private limited 3 Tony kacham kodath rarichan Quantzig Private Limited 4 Manu mohanan nair Infosys 5 Karun kailas MRF 6 Jinse jose Dentcare dental lab private limited 7 Nakul Krishnan Kerala Government 8 Soorya narayanan TUV Rheinland 9 Razi Haroon Energoprojekt Entel Ltd 10 Rincemon Reji St Josephs College of EngineeringTechnology palai 11 Mathew George TechPre Concepts 12 Tomin siby TribusPoint Software Private Limited 13 Nrupan Satheesh Krishnan Infosys 14 Sony Chacko Byjus 15 George m kolethu Startek private limited 16 Dani Alex Parayil Black Lake Technologies 17 Rahul Oommen George Tecnicas Reunidas 18 Vinayak Vijayan Benzara Ecommerce 19 Zachariah Alex Federal Bank 20 Karthik C Nair Infosys 21 Shon Sunny Walmart 22 Alwin JOY Infosys 23 Shajan K S Frijin steel Construction Middle East 24 Rinto K Thomas Lynk Global 25 Venugopal Yadhukrishnan Government of India 26 Rahul Raju Paul Sutherland 27 Fredy Antony Aarvi Encon Limited 28 Abhinav binulal NAFFCO 29 Harishankar jayakumar Infosys 30 Johny paulose CRAIGHAVEN LTD 31 Mathew pius Six dee telecom solution s private limited 32 Tom martin kiwirail 33 Mathew Thomson Peepl Automation Private limited 34 James s ottathil Federal bank 35 Robish johnson SHRIRAM 36 Sreehari jayakujmar Incheon KIA 37 Dony babu Reliance industries limited 38 Allwyn Kuruvila Ambat Deccan hydraulics private limited 39 Deepak Ulahannan Western interior designer and marine contractors 40 Gokul Krishnan Executive ship management private limited 41 Christo Jose Malabar steel and tubes 43 Rince Kurian KADCO 44 Jeffin George Sutherland 45 Antony K K TOP HAVEN MOTORS 46 Arshad Biju Ibssoftware 47 Jibin reji Kerala Government 48 Jiffinmathew chacko Honda vision Motors SL. NO.NAME OF THE STUDENTENROLMENT NO.NAME OF THE EMPLOYERAPPOINTMENT LETTER REFERENCE NO. WITH DATE 1 JOHN M T 14019043 SUTHERLAND GLOBAL SERVICES OFFER LETTERDTD 14042018 2 JOSE T KALLUPURACKAL 14019046 PETROLINK DATA SERVICES PVT LTD. OFFER LETTER DTD 25072018 3 JOSEPH STEVE MENDEZ 14019048 INFOSYS TECHNOLOGIES LTD HRD3T181912048372 4 JOSHWIN THOMAS 14019049 IBS SOFTWARE IBSOFFSE11533 DTD 04012018 5 LIBIN THOMAS 14019055 IBS SOFTWARE IBSOFFSE11531 DTD 04012018 6 LISHON ABRAHAM 14019056 JINDAL STEEL PLANT I.D NO.A000100886 7 MATTHEW SAMSON 14019061 SUTHERLAND GLOBAL SERVICES OFFER LETTER DTD

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HGS, HINDUSTAN GLOBAL SOLUTION LETTER DTD:04022017 5 MATHEW TOM 13019123
APPOLLO TYRES, KALAMASSERY, COCHIN EMP.CODE:19775 6 MINIL ROY 13019124
HIGHGROUND ENTERPRISE LTD, MUMBAI LETTER DTD:18052018 7 NAVIN A VIJAY 13019127
BPCL, COCHIN BPCLSRAIPEL APPNT REG NO:SKLG006170500600 8 NEETHIN
NANDAKUMAR 13019128 INFOSYS TECHNOLOGIES LTD HRD3T171811525454,14112017 9
NESEEF AZEEZ 13019129 COCHIN SHIPYARD LTD. EMP. CODE:64143T5920 10 NIDHIN BABY
13019130 BPCL, COCHIN BPCLSRAPPELSKLG006170500897 11 NIKHIL T ABRAHAM
13019131 APPOLLO TYRES, KALAMASSERY, COCHIN EMP.CODE:20518 12 PAUL MANUEL
13019135 TVSSFL,PONDICHERRY CWG1200001DTD4062018 13 PAVAN THOMAS 13019137
TVSSFL,PONDICHERRY CWG1200001DTD15062018 14 RIJO C RAJU 13019139 POWER
WRAP MIDDLE EAST INDUSTRIES, RAS ALKHAIMAH LETTER DTD 2610 2017 15 ROBIN TOMY
13019140 MYOUNG SHIN INDIA, CHENNAI EMPLOYEE NO:H1947 16 ROJIN JOSE KARIYIL
13019141 QATAR ENGINEERING CONSTRUCTION EMP TOKEN NO:96628 17 SACHIN TOM
13019144 ALFA PEB LTD, BANGALORE APPOINTMENT LETTER DTD 01062018 18 SIJO K
PHILIP 13019150 APPOLLO TYRES, KALAMASSERY, COCHIN I.D NO:19782 19 SOORAJ C
13019151 TVSSFL, PONDICHERRY CWG1200001 DTD 15SEP2018 20 SUBIN KURUVILLA
13019155 OMAN SHAPOORJI COMPANY, LLC MUSCAT EMP NO.4364 21 TENY MATHEW
13019158 TVSSFL, PONDICHERRY CWG1200001 DTD 15092018 22 TIJO THOMAS JOHN
13019160 INSULATION DYNAMICS TRADING CONTRACTING W.L.L, QATAR JOINING REPORT
DTD,27 AUGUST 2017 23 TOM K THOMAS 13019161 INSTANTPOST PVT. LTD, BANGALORE
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CWG1200001 DTD15SEP2018 25 VIKRANTH D 13019166 INFOSYS TECHNOLOGIES LTD
HRD3T171811525062, 14112017 26 VILAS PHILIP 13019167 IBS, COCHIN
IBSOFFSE10688,112017 27 VINEETH SEBASTIAN PHILIP 13019168 INFOSYS TECHNOLOGIES
LTD HRD3T1718115211811 28 VINI JOHN 13019169 IBM, BANGALORE REF NO:1634736 29
YADUKRISHNA T 13019171 ENVENTURE ENGINEERING LLP, BANGALORE HRENU 7020218
30 ROGY MATHEW 13019175 SRC CHEMICALS, PUNE EMP CODE:A13 31 RAHEES N K
12018602 TVSSFL, PONDICHERRY CWG1200001 DTD 15092018 32 ABRAHAM MATHEW
13019053 IBM,BENGALURU I D CARD IBM 33 AKHIL GOVIND P 13019057 ALFA PEB LTD,
BEGALURU LETTER DTD17082018 34 ALBIN MICHAEL 13019062 VGUARD INDUSTRIES LTD
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13122016 37 ANAND KRISHNA 13019069 FEDERAL BANK LTD
HRBPR36211PCA15974055201718, 2352017, 38 ARUN SOJAN 13019076 CONCORD AIR
CONDITIONING SYSTEMS AND SOLUTIONS 50000268040001000,132018 39 ASHIN JOSEPH
13019077 IBS,TRIVANDRUM IBSOFFSE10690,112017 40 B .NIHAL 13019079 VGUARD
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VELLOOR, KOTTAYAM. HNLHRD2318,722018 42 BASHEK.M.K 13019082 S.R AUTO
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SOUTH INDIAN BANK LTD HRD:131:201819DATED 16042018 45 GISHNU SIVAN 13019095
INSTRUMENTATION LTD,PALAKKAD ILPPERSRECTTAPP2017,8112017 46 JIBIN JOHNY
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13019109 FIRST SOURCE SOLUTIONS,BANGALORE LETTER DTD:12072018 51 ABIN

THOMAS 13019052 LALIT PIPES PIPE, KALYAN, MAHARASHTRA LETTER DTD,29092018 52
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 ANIL 13019059 ECOSUN , ALAPPUZHA ENTREPRENEUR 54 ELVIN PIOUS 13019093 MSR
 GROUP GENERAL TRADING AND CONTRACTING COMPANY WLL ,KUWAIT
 MSR201806,25062018 55 ARUN RAJENDRAN ALUMINIUM INDUSTRIES LTD. May 28, 1900 SL.
 NO.NAME OF THE STUDENT ENROLMENT NO.NAME OF THE EMPLOYERAPPOINTMENT
 LETTER REFERENCE NO. WITH DATE 1 ABIN STEPHEN 12018503 SUTHERLAND GLOBAL
 SERVICES OFFER LETTER DTD 06052016 2 ABISHEK MATHEWS 12018504 AL SHAHBIAH
 ENG.CO.L.L.C,SHARJA LETTER DTD,2018,10897617,27062016 3 ABY TOM 12018505 INFOSYS
 10897617 27062016 4 AKSHAY JOSEPH 12018510 GOOD METHODS GLOBAL SOFT WARE
 SOLUTIONS.LTD. OFFER LETTER DTD 15122016 5 ALBIN MATHEW 12018511 ABDUL RAHIM
 ARCHITECTURAL CONSULTANTS WORK PERMIT NO:75298806 6 ANANTHADEV D 12018516
 SUTHERLAND GLOBAL SERVICES OFFER LETTER DTD 06052016 7 ANOOP M 12018519
 KITEX GARMENTS LTD LETTER DTD:25042017 8 ANSHIF ALI 12018520 CORNER STONE
 INTERIORS CID010HRD0417,642017 9 ANWIN ANAND ISAAC 12018521 SUTHERLAND
 GLOBAL SERVICES OFFER LETTER DTD 06052016 10 RUSHIL REUBEN JACOB 1208609
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 GLOBAL HR2017U5647,20032017 21 JACOB LIGIL M K 12018553 OVERSEAS CONSTRUCTION

CORPORATION OCC48717178,17032018 22 JACOB THOMAS 12018554 JUMA MUBARAK
KHAMIS JOWHAR ALSUWHIDI, UAE ST16344962AE,10122016 23 JOSE PAUL 12018572
APPOLLO TYRES, TRISSUR CLOCK NO A 4376 24 JERMIS JOY 12018558 KITEX GARMENTS
LTD OFFER LETTER DTD 22102016 25 HARRY T CHIRAYIL 12018549 UST GLOBAL
HRFRESH2016UST10JAN2017023,1012017 26 JIBY GEORGE 12018560 FRANKLIN
TECHNICAL SERVICE,COCHIN EMP CODE:124H21 27 JISHNU P 12018563 INFOSYS
TECHNOLOGIES LTD HRD3T161710897454,17012017 28 THOMAS MATHEW 12018617 TCS
TCSLDT20153010476,23032016 29 ALPHONS JOY 12018580 YORK LIFT, UAE LETTER
DTD:10072018 30 JOTHIN C JOSE 12018575 REDLANDS ,TRISSUR RMPL01201610,30122016
31 JOEL JOHN JOHNY 12018568 BARQ, QUATAR BCGHROLBV2417 32 KEVIN AUGUSTINE
12018581 INDIGO AIRLINES I.D CARD . 33 ROHIT RAVEENDRAN 12018607 SUTHERLAND
GLOBAL SERVICES OFFER LETTER DTD 06052016 34 JOMY JOSEPH MATHEW 12018571
SUTHERLAND GLOBAL SERVICES OFFER LETTER DTD 06052016 35 SONU SANJEEVAN
12018613 SUTHERLAND GLOBAL SERVICES OFFER LETTER DTD 06052016 36 JISS JOSE
12018665 ALLIES FIRE SYSTEM, KERALA OFFER LETTER DTD 04042017 37 JOMY JOSEPH
MATHEW 12018571 GIRI SYSTEMS PVT. LTD, CHENNAI OFFER LETTER DTD 04122017 38
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42 NIBIN BINU 12018595 APPAREL GROUP EMP. CODE 118945 43 AJAY PRAKASH 12018507
OVERSEAS CONSTRUCTION CO. OCC48717208,17032018 44 RONALD P CHERIAN 12018608
HEMAN AUTO ROBO PARK, TRIVANDRUM I.D CARD NO :1038 45 HARIKRISHNAN T.R
12018615 GEEYEM MOTORS LTD. OFFER LETTER DTD 13072018 46 PRANNOY ROY
12018584 ONSHORE CONSTRUCTION COMPANY PVT LTD. OCCPLTE037OFFER201718 47
LIBIN P SCARIA 12018584 NAFFCO, UAE, DUBAI OFFER LETTER DTD 05052018 48 PRAVEEN
GEORGE 12018600 ALEGO FIRE SYSTEMS,THRISSUR LETTER DTD 20122018 49 JOVIL C

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EO992017,22122017 51 IWIN JAMES 12018551 HINDHUSTAN NEWSPRINT
HNLHRD2318,722018 52 BIBIN ABRAHAM 12018530 ALTERNEIT LIFESTYLES PVT LTD
ALTERNEITPRO TRAI02SEP18 53 J.AMALDEV 12018552 AAG INDIA PVT LTD LETTER DTD
28122018 Social Media Links

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20200814T09:06:0500:00 August 14th, 2020|APJAKTU|0 Comments Read More UG
Supplementary registration opened B.Tech S7S,S4 S, B.Arch and BHMCT It is hereby informed that
registration to following B.Tech, B.Arch By Software Development Center| 20200812T15:51:1100:00
August 12th, 2020|announcements, APJAKTU|0 Comments Read More Schedule for conduct of
MBA T6 and part time T8 Exam AugustSeptember 2020 Schedule for conduct of MBA T6 and part
time T8 By Software Development Center| 20200623T14:13:1200:00 June 23rd, 2020|APJAKTU|0
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Table slot of B. Tech S8 R,S and B.Tech S8Hons. examination, May 2020 revised date of conduct
of B.Tech S7Hons. Dec 2019 MBA T5 Feb 2020 Publishing of reg. APJAKTU Time Table slot of B.
Tech S8 R,S By Software Development Center| 20200520T14:38:5200:00 May 20th,
2020|APJAKTU|0 Comments Read More CORONA CIRCULAR REG CLOSURE OF COLLEGES
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Examination Calendar April 2020 to June 2020 reg The calendar for UG and PG Examinations
proposed to be By Software Development Center| 20200305T07:52:4700:00 March 5th,
2020|APJAKTU|0 Comments Read More B.Tech S8 S Exam Oct 2019 Notification It is notified to
the attention of all concerned that By Software Development Center| 20190902T04:41:4800:00
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UG Supplementary registration opened B.Tech S7S,S4 S, B.Arch and BHMCT SJ CET Palai It is
hereby informed that registration to following B.Tech, B.Arch and BHMCT Supplementary exams will
commence on 11.08.2020, Tuesday. Students are directed to register and pay the fee at the College
office on or before 17.08.2020, Monday. Name of Examinations: B.Tech S7 S Exam Sept 2020,
B.Tech S4 S Exam Sept 2020, B.Arch S6 S Exam Sept 2020, B.Arch S4 S Exam Sept 2020, B.Arch
S2 S Exam Sept 2020, BHMCT S2 S Exam Sept 2020. Please download the attached notification
for more details. Notification About the Author:

Schedule for conduct of MBA T6 and part time T8 Exam AugustSeptember 2020 SJ CET Palai
Schedule for conduct of MBA T6 and part time T8 Exam AugustSeptember 2020 Notification
20200623T14:13:1200:00

APJAKTU Page 2 SJ CET Palai Clarification MBA T5 Exam This is to clarify that provision for exam

centre change By Software Development Center| 20200623T14:14:5100:00 June 19th, 2020|APJAKTU|0 Comments Read More APJAKTU Detailed Time Table of B.Tech S8 R S May 2020 examination Notification reg: APJAKTU Detailed Time Table of B.Tech S8 R By Software Development Center| 20200623T14:09:3800:00 June 17th, 2020|APJAKTU|0 Comments Read More APJAKTU Time Table slot of B. Tech S8 R,S and B.Tech S8Hons. examination, May 2020 revised date of conduct of B.Tech S7Hons. Dec 2019 MBA T5 Feb 2020 Publishing of reg. APJAKTU Time Table slot of B. Tech S8 R,S By Software Development Center| 20200520T14:38:5200:00 May 20th, 2020|APJAKTU|0 Comments Read More CORONA CIRCULAR REG CLOSURE OF COLLEGES TILL 3132020 CORONA CIRCULAR REG CLOSURE OF COLLEGES TILL 3132020 By Software Development Center| 20200311T09:29:2800:00 March 11th, 2020|APJAKTU|0 Comments Read More The results of MBA T1 RS Exam Nov 2019 MBA T1 RS Exam Nov 2019 PT published The results of MBA T1 RS Exam Nov 2019 and By Software Development Center| 20200305T07:58:1500:00 March 5th, 2020|APJAKTU|0 Comments Read More APJAKTU Examination Calendar April 2020 to June 2020 reg The calendar for UG and PG Examinations proposed to be By Software Development Center| 20200305T07:52:4700:00 March 5th, 2020|APJAKTU|0 Comments Read More B.Tech S8 S Exam Oct 2019 Notification It is notified to the attention of all concerned that By Software Development Center| 20190902T04:41:4800:00 August 30th, 2019|APJAKTU|0 Comments Read More B.Tech S6 Revaluation Date Extended The last date for submitting the Revaluation of Answer books By Software Development Center| 20190806T04:29:1000:00 August 5th, 2019|APJAKTU|0 Comments Read More Academic Minimum Credit Requirements Permitting the students to attend S5S7 till the publication of By Software Development Center| 20190806T04:27:5800:00 August 2nd, 2019|APJAKTU|0 Comments Read More M.Tech S4 RS Examination June 2019 MCA Second Year Direct S4 RS Examination June 2019 Results Published As per order KTUJDACADEMICS32622019 Dated: 17.06.2019, the PG students having By Software Development Center| 20190806T04:26:2800:00 July 30th, 2019|APJAKTU|0 Comments Read More Previous123Next

Clarification MBA T5 Exam SJ CET Palai This is to clarify that provision for exam centre change is allowed only for B.Tech S7 Hons. Exam Dec 2019, B.Tech S8 Hons Exam May 2020 and B.Tech S8 R,S Exam May 2020. MBA T5 R,S Exam Feb 2020 on 26.06.2020 shall be written in the parent institutions of the students. The centre change option is not available for MBA T5 exam About the Author:

APJAKTU Detailed Time Table of B.Tech S8 R S May 2020 examination Notification reg: SJ CET Palai APJAKTU Detailed Time Table of B.Tech S8 R S May 2020 examination Notification reg: The detailed Time Table of B.Tech S8 R S May 2020 examination is published herewith. Notification 20200623T14:09:3800:00

APJAKTU Time Table slot of B. Tech S8 R,S and B.Tech S8Hons. examination, May 2020 revised date of conduct of B.Tech S7Hons. Dec 2019 MBA T5 Feb 2020 Publishing of reg. APJAKTU Time Table slot of B. Tech S8 R,S and B.Tech S8Hons. examination, May 2020 revised date of conduct of B.Tech S7Hons. Dec 2019 MBA T5 Feb 2020 Publishing of reg. Notification 20200520T14:38:5200:00

The results of MBA T1 RS Exam Nov 2019 MBA T1 RS Exam Nov 2019 PT published SJ CET Palai The results of MBA T1 RS Exam Nov 2019 and MBA T1 RS Exam Nov 2019 PT published on 20022020. Candidates who desire to apply for a copy of the answer scripts can register through the portal from 24.02.2020 till 28.02.2020 date applicable for both student and college by remitting a fee of 500. Announcement

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APJAKTU Examination Calendar April 2020 to June 2020 reg SJCET Palai The calendar for UG and PG Examinations proposed to be conducted during the months of April, May and June 2020 is published herewith [Click Here](#)

B.Tech S8 S Exam Oct 2019 Notification SJCET Palai It is notified to the attention of all concerned that KTU will conduct B.Tech S8 supplementary examination in October 2019. There will be no other supplementary exam for B.Tech 8th semester courses during December 2019. Detailed Notification is attached herewith. B.Tech S8 Exam Oct 2019 Notification B.Tech Supplementary Exams Circular 20190902T04:41:4800:00

Software Development Center Page 3 SJCET Palai This author has not yet filled in any details. So far Software Development Center has created 44 blog entries.

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M.Tech S4 RS Examination June 2019 MCA Second Year Direct S4 RS Examination June 2019

Results Published SJ CET Palai As per order KTUJDACADEMICS32622019 Dated: 17.06.2019, the PG students having backlogs were permitted to register for the Thesis evaluation . Their results are published herewith. The results of : M.Tech S4 RS Examination June 2019 MCA Second Year Direct S4 RS Examination June 2019 are published herewith. 20190806T04:26:2800:00

Academic Minimum Credit Requirements SJ CET Palai Permitting the students to attend S5S7 till the publication of revaluation results [Click Here to Download University Order](#)

B.Tech S6 Revaluation Date Extended SJ CET Palai The last date for submitting the Revaluation of Answer books of B.Tech S6 R,S Exam May 2019 is extended up to 07082019. The students who are not able to submit their revaluation due to the technical issue can submit their request from today afternoon onwards 20190806T04:29:1000:00

APJAKTU Page 3 SJ CET Palai B.Tech S6 R,S Exam May 2019 Result published It is here by notified that the result of B.Tech By Software Development Center| 20190806T04:25:1700:00 July 29th, 2019|APJAKTU|0 Comments [Read More](#) Clarification on Contact Courses Clause 6k of the B.Tech Ordinance Chance given to the semester 8 completed students. Clarification on Contact Courses Clause 6k of the B.Tech Ordinance Chance given By Software Development Center| 20240319T04:32:3400:00 July 25th, 2019|APJAKTU|0 Comments [Read More](#) B.Tech S5 S Exam Jul 2019 Supplementary regn. is opened It is hereby informed that supplementary registration to B.Tech S5 By Software Development Center| 20190627T06:45:4300:00 June 26th, 2019|APJAKTU|0 Comments [Read More](#) B.Tech S1 S Exam July 2019 Supplementary registration is opened It is hereby informed that supplementary registration to B.Tech S1 By Software Development Center| 20190627T06:43:3700:00 June 25th, 2019|APJAKTU|0 Comments [Read More](#) MBA Academic Calendar July 2019 June 2020 Academic Calendar By Software Development Center| 20190620T09:51:2700:00 June 20th, 2019|APJAKTU|0 Comments [Read More](#) Last date for B.Tech S8 Project marks submission, date extended. Last date of B.Tech S 8 project work mark By

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Last date for B.Tech S8 Project marks submission, date extended. SJCET Palai Last date of B.Tech
S 8 project work mark submission is extend. Colleges are directed not to submit Project mark until
intimated from the University. This is for enabling extended project mark submission feature. Already
submitted colleges can request for a revoke to include extended project submission.
20190620T09:50:3500:00

B.Tech S7 S Exam May 2019 Supplementary regn. is opened SJCET Palai It is hereby informed
that supplementary registration to B.Tech S7 S Exam May 2019 is again opened. Students can
register through their login up to 20th June 2019, Thursday. Colleges can submit the request and
make fee payment to University on or before 21.06.2019, Friday. Students who are unable to
register through their login shall approach College office and pay the required fee up to 20th June.
College can do registration for students. 20190620T04:38:3000:00

B.Tech S1 S Exam July 2019 Supplementary registration is opened SJCET Palai It is hereby

informed that supplementary registration to B.Tech S1 S Exam July 2019 is open now. Students can register through their login from 25.06.2019, Tuesday to 27.06.2019, Thursday. Colleges can submit the request and make fee payment on or before 29.06.2019, Saturday. 20190627T06:43:3700:00

About the Author:

Software Development Center Page 4 SJCET Palai This author has not yet filled in any details. So far Software Development Center has created 44 blog entries.

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studentsOrders issuedReg

B.Tech S5 S Exam Jul 2019 Supplementary regn. is opened SJ CET Palai It is hereby informed that supplementary registration to B.Tech S5 S Exam Jul 2019 is open now. Students can register through their login from 26.06.2019, Wednesday to 28.06.2019, Friday. Colleges can submit the request and make fee payment on or before 01.07.2019, Monday. 20190627T06:45:4300:00

Registration to S4 supplementary Exam Sept 2020 SJ CET Palai University has opened supplementary registration to B.Tech S4 S Exam Sept 2020. It is observed that FE grade students who already did course registration in S4 is provided with a provision in portal to register for S4 supplementary Exam Sept 2020. It may be noted that such students need not register for this supplementary exam. It happened because the college has entered internal and attendance enough to get eligibility to apply for an exam. FE grade students already done course registration in S4 will acquire grade as per the rule formulated for computing grade for regular S4 students. They need not register for S4 supplementary exam. This supplementary registration is only for students who attended an S4 examination earlier at least once and failed. Regular S4 students 2018 admission also need not register for S4 Spet 2020 supplementary exam even if provision for registration appears in student login. About the Author:

announcements SJ CET Palai UG Supplementary registration opened B.Tech S7S, S4 S, B.Arch and BHMCT It is hereby informed that registration to following B.Tech, B.Arch By Software Development Center| 20200812T15:51:1100:00 August 12th, 2020|announcements, APJAKTU|0 Comments
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PG Final semester Exam registration date extended SJ CET Palai As per proceedings No.KTUJDACADEMICS32622019, Dated 17.06.2019, the credit requirement for final project evaluation is exempted for M.Tech, M.Arch, M.plan and MCA students . Colleges have to get the

external examiner mapping approved for these students from the University on or before 21.06.2019. The Viva Voce of all the students should be conducted on or before July 4th 2019 as per the Academic Calendar. The registration for M.Tech S4 RS, M.Tech S6 RPT, MCA S6 RS, MCA second year Direct S4RS, M.Arch S4 RS and M.Plan S4 RS Exams May/June 2019 is extended for students excluding 2015 M.Tech admissions till 20.06.2019 and college submission till 21.06.2019.

20190619T04:30:3300:00

B.Tech S7 S Exam May 2019 Supplementary regn. SJ CET Palai Registration to B.Tech S7 supplementary is temporarily suspended now. Remaining revaluation results are expected to be published by 19th June. Registration to B.Tech S7 supplementary will be resumed by 19th after publication of remaining available revaluation results. Students can pay the registration fee at College office on 19th and 20th June. College shall submit revaluation requests by 21st June.

Registration to B.Tech S1 and S2 supplementary courses Date extended SJ CET Palai ts observed that even after extension of date, certain students couldnt register for supplementary examinations of 1st and 2nd semester courses till now. Those who couldnt register for supplementary exams shall approach College office and pay the required fee. College can do registration for students. Registration will be opened in College logins upto 18th June, Tuesday. It should be noted that supplementary registration to common courses of odd S1 and even S2 semesters such as PH100, CY100, BE110 etc. should be registered under B.Tech S2 R,S Exam May 2019 irrespective of which semester the student had undergone the regular course. Registration to S1 specific courses such as MA101 Calculus, BE103 Introduction to Sustainable engineering etc. will be opened later.

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B.Tech S7 S Exam May 2019 Supplementary regn. is opened SJ CET Palai It is hereby informed that supplementary registration to B.Tech S7 S Exam May 2019 is open now. Students can register through their login from 16.06.2019, Sunday to 17.06.2019, Monday. Colleges can submit the request and make fee payment on or before 18.06.2019, Tuesday. 20190617T06:58:1100:00

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M.Tech Supplementary Exam registration is open SJ CET Palai The Supplementary exam registration for the following M.Tech exams are open from 14619 to 16619 for students and college submission is on 17619.M.Tech S1 S Exam July 2019 FT, M.Tech S1 S Exam July 2019 PT, M.Tech S3 S Exam June 2019 FT, M.Tech S3 S Exam June 2019 PT, M.Tech S4 RS Exam June 2019 PT, M.Tech S4 RS Exam June 2019 FT , M.Tech S5 S Exam June 2019 PT.

B.Tech S6 R,S Exam May 2019 Result published SJ CET Palai It is here by notified that the result of B.Tech S6 R,S Exam May 2019 is published. The detailed results are available in the KTU website www.ktu.edu.in. Students can apply for answer script copy and revaluation, by registering in the KTU web portal from 01.08.2019, Thursday to 06.08.2019, Tuesday. The Fee for answer script copy is Rs.500 per answer script and for revaluation, Rs. 600 per answer script. Students should submit their requests through student login and pay the fee at College office on or before 06.08.2019, Tuesday. Notification B.Tech S6 R,S Exam May 2019 20190806T04:25:1700:00

Registration to B.Tech S1 and S2 supplementary courses. SJ CET Palai Its observed that certain students couldnt register for supplementary examinations of 1st and 2nd semester courses till now. Those who couldnt register for supplementary exams shall approach College office and pay the required fee. College can do registration for students. Registration will be opened in College logins upto 13th June, Thursday, 12 noon. It should be noted that supplementary registration to common courses of odd S1 and even S2 semesters such as PH100, CY100, BE110 etc. should be registered under B.Tech S2 R,S Exam May 2019 irrespective of which semester the student had undergone the regular course. Registration to S1 specific courses such as MA101 Calculus, BE103 Introduction to Sustainable engineering etc. will be opened later. About the Author:

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Postponement of B.Tech S.7 Suppl. Examination scheduled on 20th of June, 2019 SJCET Palai

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APJAKTU Page 5 SJCET Palai Supplementary exam registration for MCA S1,MCA S4,MCA 2nd yr Direct S2, MCA Int S1 MCA Int S4 Exams June 2019 is open The supplementary exam registration

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