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Admission

Latest News

Latest News

Our Highlights

Our Highlights

August 09,2023

Signed an MOU with HORIBA India Pvt .Ltd

April 17,2024

Academic collaboration with the University of Kent UK

May 28,2024

MoU between Robotics and Automation, ASIET and SMEClabs

June 20,2024

Upcoming Events

Adi Shankara Young Innovators Award

17 Oct 2024

Infosys Student Enablement Program

09 Aug 2024

SEISMIC Design of Buildings - An Introduction

09 Aug 2024

Anti-Ragging Awareness Class

07 Aug 2024

Latest News

IEEE IAS Humanitarian Award Contest 2024

July 29, 2024

Inauguration of Zenyze Labs

July 24, 2024

ASME ASIET Student Section Bagged Two Awards

July 23, 2024

Selected for APJAKTU CERD Research Seed Money Scheme Funding

July 23, 2024

ASME India Faculty All Star Supporter Award

July 19, 2024

ASIET bagged Rudhirasena award from KTU

July 09, 2024

Best NSS Volunteer

July 01, 2024

Agricultural And Educational Project

June 05, 2024

NBA Accreditation - Civil Department

May 25, 2024

Signed MoU with MATH, Talentfarm, and T-Hub Hyderabad

May 17, 2024

ASIET has signed an MoU with MTTC International LLC

May 02, 2024

IEEE Project Competition ' 24 Winner

April 29, 2024

Best Woman Researcher Award

April 27, 2024

Inauguration of Centre of Excellence in In-Vitro Diagnostic Instrumentation -
Signed an MOU with HORIBA India Pvt .Ltd

April 17, 2024

Master Trainers in the Field of High Performance Computing

March 11, 2024

TINK HER HACK 2.0

March 09, 2024

Art of Teaching 2.0 Award

February 23, 2024

IEEE Kochi Sub section Award - 2023

February 22, 2024

Best Sports Person (2023-2024)

February 15, 2024

IEEE SB Asiet Has Recieved Outstanding Student Branch Award(Special Mention)

February 10, 2024

All India Professors Cricket Tournament

February 09, 2024

NSS Volunteer Aparna Prasad with President of India

January 31, 2024

Won Prize for Project

January 25, 2024

Best stall award

January 25, 2024

First prize for the fashion show in carnival 2024

January 25, 2024

Selected for Republic Day Parade

January 25, 2024

Chief Minister Scholarship Award

January 22, 2024

European Union Lifelong Learning Programme

January 05, 2024

Certificate of Institute Membership

December 22, 2023

Successfully Completed IBM Skill Build Internship

December 14, 2023

Second Runner Up In KTU D-Zone Kho Kho Mens Tournament

December 09, 2023

IEEE ComSoc Student Branch Chapter 2023 Q4 Funding

December 04, 2023

KTU University Volleyball Team

November 28, 2023

Selected for National Integration Camp

November 23, 2023

APJ KTU Volleyball Championship 2023-2024(Women)

November 20, 2023

Visit of Sri.Sanjay Viswanathan Chairman and CEO of Adi group

November 16, 2023

Googlethon Competition Winner

November 10, 2023

Internship at Suyati Technologies

November 10, 2023

KTU D-ZONE Inter Collegiate Volleyball Championship 2023-24

November 09, 2023

participated in the National Level Formula Kart Design Challenge

November 07, 2023

Participated in Make-a-Ton 6.0 powered by Cluster Dev CUSAT

November 04, 2023

KTU D Zone Badminton Team

October 26, 2023

MERI MATI MERA DESH

October 25, 2023

Asian Mountain Bike Cycling Championship

October 25, 2023

Pre-Republic Day Parade Selection Camp

October 13, 2023

ASIET got recognised with the Local Entrepreneurship Advancement Programme (LEAP) from the Kerala Startup Mission

October 12, 2023

Congratulations

October 10, 2023

Best stall award at technical exhibition SARJANA

October 04, 2023

Award for outstanding work in the fields of education

October 03, 2023

Placement CSE AI - Tata Elxsi

September 29, 2023

Placement CSE - Tata Elxsi

September 29, 2023

Getting Placed At UST Global - CSE -AI

September 28, 2023

Getting Placed At UST Global - CSE

September 28, 2023

Most Significant Membership Growth Award

September 27, 2023

Signed an MOU with IBSC

September 25, 2023

LIBRARY ADVANCEMENT AND REVITALIZATION FOR COLLABORATIVE LEARNING

September 09, 2023

First batch of HSG Rangers and Rovers of Adi Shankara after training camp in uniform

August 28, 2023

Best Paper Award

August 23, 2023

Inauguration of MCA Batch

August 21, 2023

Signed an MoU with Alibi Global Private Limited

August 12, 2023

Signed an MoU with FACEIN Technologies Private Limited

August 11, 2023

IEEE IAS CMD Humanitarian Contest 2023

July 24, 2023

IEEE Industrial Application Society CMD Humanitarian Contest 2023

July 21, 2023

District level Young Innovators Programme 4.0

June 22, 2023

Full Stack Certification Program

May 08, 2023

Runner UP

May 08, 2023

ENLYTUS - EEE Association Day

April 25, 2023

Career Connect @ Adi Shankara Skill Kendra

March 27, 2023

COBOT showcased in 5th Kerala Machinery Expo 2023

March 15, 2023

Overall champions of ZESTNOVA

March 14, 2023

Centre of Excellence and Training Program in the field of Immersive & Interactive Technologies.

March 13, 2023

Outstanding Student Volunteer Award

March 13, 2023

Hackathon 2K23

March 04, 2023

Go-kart Designed and Manufactured by Mechanical Engineering Students

February 02, 2023

KTU sponsored FDP on "AI & MI in Manufacturing"

January 18, 2023

NSS National Award

September 24, 2022

ASIET bags The Best Engineering College in Kerala, Award of CEGR 2022

April 20, 2022

APJAKTU NSS Cell Awards: ASIET bagged 6 awards

April 01, 2022

Band Performer in the ARIIA Ranking 2021

January 02, 2022

About Us

The Adi Shankara Institute of Engineering & Technology (ASIET), established in Kalady, aims to provide value-added technical education that fosters professional excellence and ethical values in students. Managed by the Adi Sankara Trust, a respected educational organization under the blessings of His Holiness Jagadguru Sri Sri Bharati Tirtha Mahasannidhanam and His Holiness Jagadguru Sri Sri Vidhushekhara Bharati Sannidhanam of Dakshinamnaya Sri Sharada Peetham, Sringeri, the trust has operated various educational institutions for over 50 years.

Founded in 2001, ASIET is committed to the holistic development of its students. It is affiliated with A P J Abdul Kalam Technological University, approved by AICTE, and offers UG, PG, and PhD courses. Five of its streams (CE, CSE, ECE, EEE, and ME) are NBA accredited, reflecting its commitment to quality education. ASIET is the first self-financing engineering college in Kerala to receive ISO 9001:2008 certification.

Ideally situated 5 km from Kochi International Airport and 6 km from Angamaly railway station, ASIET is easily accessible. To date, twenty batches of B.Tech students have graduated from ASIET, holding prestigious positions worldwide.

The Adi Sankara Trust also operates several other educational institutions in Kalady, including Sree Sankara College, Sree Sarada School (Sainik School), Adi Sankara Training College, Sree Sarada Special School, DDU Kaushal Kendra, and PNNM Ayurveda College. The trust is led by Sri P.A. Murali, CEO and Administrator of Sri Sarada Peetham, and Sri K. Anand, Managing Trustee and respected advocate. Under the guidance of Principal Dr. M. S. Murali, a team of dedicated faculty works tirelessly to uphold the institute's high standards.

Dignitaries Visited

[Learn More](#)

Industry Collaboration

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Institute Profile

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UG PROGRAMMES

Computer Science and Engineering (Artificial Intelligence)

Electronics & Biomedical Engineering

COMPUTER SCIENCE & ENGINEERING

ELECTRICAL & ELECTRONICS ENGINEERING

ELECTRONICS & COMMUNICATION ENGINEERING

MECHANICAL ENGINEERING

CIVIL ENGINEERING

Computer Science and Engineering (Data Science)

ROBOTICS AND AUTOMATION

PG PROGRAMMES

MTECH IN COMPUTER SCIENCE & ENGINEERING

MTECH IN POWER ELECTRONICS & POWER SYSTEMS

MTECH IN VLSI & EMBEDDED SYSTEMS

MTECH IN COMMUNICATION ENGINEERING

Master of Business Administration

MASTER OF COMPUTER APPLICATION

PhD PROGRAMMES

COMPUTER SCIENCE AND ENGINEERING

ELECTRONICS AND COMMUNICATION ENGINEERING

ELECTRICAL AND ELECTRONICS ENGINEERING

BIOMEDICAL ENGINEERING

MECHANICAL ENGINEERING

Campus

ASIET campus stands apart with its unique and environment friendly infrastructure. The College is equipped with all modern facilities that ensures the comprehensive delivery of pedagogy and also reinforces the holistic and creative development of students. The college takes pride in being an all encompassing campus that is physically- challenged- friendly, providing ramps and lifts for the less fortunate friends. The sprawling campus houses many covetous facilities.

IIPC

IEDC

TBI

FAB LAB

Library

Transportation

Wellness Clinic

IPR Cell

What Our Students Say

Lieutenant Sreerang Prakash (Indian Navy)

"You can build a strong building only on a strong foundation" and this is being ensured by the faculty of E. C Department that their students are strong in

their basic knowledge. Traditional learning methods are replaced by interactive classroom sessions by highly qualified and experienced faculty which will bring the best out of you. The M. O. U with Indian Navy is one of the greatest achievements which will help Armed Force aspirants to join as technical officers. Joining EC department is as much as about finding out who you really are as it is about getting that degree.

Sarath V, Apple Inc (California,USA)

Here, the teachers provide a friendly atmosphere to the students. The department provides an innovative culture to the students which enables us to bring more innovative projects. The teachers are very motivational. The department also encourage social activities.

Sreenidhi Pisharody (Sr. Software Engineer, Robert Bosch)

My experience with ASIET was very positive. The management of this college is very helpful to students to develop their skills, ability, knowledge of conducting courses, training programs. Staffs play a major role in career development. The institution has motivated me to explore my artistic talents. I am proud to graduate from this esteemed institution. With due respect and humility I thank my faculty and staffs who played an integral part in carving my future studies and career development. I wish ASIET to conquer great heights in future endeavours.

Shivada (Actress)

College life at ASIET, was the best and happiest part of my life. My college, with a lifetime full of learning experience, with an amazing motivating faculties, with a bunch of friends with unconditional love, was indeed my second home. It creates an adrenaline rush when i trace back to the memories of my college days. Thank You ASIET for being an interesting, important and inseparable part of 'MY LIFE'!!!

Rishma Nair (Jr. Engineer, Indian Navy)

Teachers and faculties of ASIET have put forward immense efforts and assistance for teaching and managing their classes. I have always been supported at each point whenever it was difficult and they have helped me out. Also, mentioning about the placement cell; it conducted various workshops which guided and encouraged me to secure such a good job. The study materials for aptitude tests were of great use to attend competitive exams.

Sridevi Pandalai (Oracle ERP systems)

I am a proud ASIETian. The experience we receive from this great institution is far more than just academics. ASIET shapes us to be skilled and confident to take up the challenges in the life ahead. It also provided many of us a head start through campus recruitments. I'll be ever thankful for that opportunity to be part of the world class MNC, Oracle. Over the last 15 years, I've studied and worked at various institutions. I strongly believe the foundation laid for us at ASIET, truly is an asset that enables us to transform our dreams to reality.

Flt Lt P R Rahul (Engineering Officer, Indian Air Force)

ASIET an institution as my alma mater has been a significant part in developing the individual in me. The ever supportive and qualified faculty have an important role in shaping the future generations that pass through the portals of this institution. For me it's a matter of pride to have been a part of such and be called an alumni.

Quick Facts

0Certified value added courses

[Industrial Collaborations](#)

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[International collaborations](#)

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[Adi Shankara Institute of Engineering & Technology](#)

The Adi Shankara Institute of Engineering & Technology was established in Kalady with the aim of providing value-added technical education that fosters professional excellence and ethical values in students. The institution is managed by the Adi Sankara Trust, a registered organization renowned in the field of education, under the blessings of His Holiness Jagadguru Sri Sri Bharati Tirtha Mahasannidhanam and His Holiness Jagadguru Sri Sri Vidhushekhara Bharati Sannidhanam of Dakshinamnaya Sri Sharada Peetham, Sringeri. For over 50 years, the trust has successfully operated various educational institutions. The institute is committed to maintaining a proactive approach to ensure the holistic development of its students.

The college, which was founded in 2001 and skilfully maintained by the Sringeri Mutt with the benign blessings of His Holiness Sri Sri Bharathi Tirtha Mahaswamiji, is committed to maintaining a proactive approach to ensure the students' holistic development.

Adi Shankara Institute of Engineering & Technology (ASIET) is ideally situated in a picturesque environment that evokes vivid memories of Jagadguru Adi Shankara's calm presence. It is affiliated to the A P J Abdul Kalam Technological University, approved by the AICTE and offers courses in UG, PG and PhD levels. Five of their streams are NBA accredited (CE, CSE, ECE, EEE & ME) which shows its commitment to quality systems.

ASIET is the first self-financing engineering college in Kerala to be awarded ISO 9001:2008 certification. Located just 5 km from Kochi International Airport, it is easily accessible by train (6 km from Angamaly railway station) and by road (just 1 km from the arterial MC Road). To date, twenty batches of B.Tech students have graduated from this temple of education, and they occupy responsible positions in prestigious organizations both in India and abroad.

In addition to the Adi Shankara Institute of Engineering and Technology, the Trust operates the following educational institutions in Kalady:

[Sree Sankara College](#)

[Sree Sarada School \(Sainik School\)](#)

[Adi Sankara Training College](#)

[Sree Sarada Special School](#)

[DDU Kaushal Kendra](#)

[PNNM Ayurveda College](#)

The Trust is led by Guru Seva Nirata Sri P.A. Murali, who serves as the CEO and Administrator of the Sri Sarada Peetham in Sringeri, Chickmagalur district, Karnataka.

Sri K. Anand, a well-respected advocate, serves as the Managing Trustee and is deeply committed to the college's overall development.

A team of highly qualified and dedicated faculty, under the direct supervision of Principal Dr. M. S. Murali, works tirelessly for the comprehensive betterment of students. With his extensive experience in teaching and administration, he sets exceptionally high standards for the institute.

Vision

To emerge as a Center of Excellence in Engineering, Technology and Management by imparting quality education, focussing on empowerment and innovation.

Mission

Impart quality professional education for total upliftment of the society.

Create congenial academic ambience that kindles innovative thinking and research.

Mould competent professionals who are socially committed and responsible citizens.

Quality Policy

We are committed to the total upliftment of the society by imparting quality professional education.

We aim at moulding totally competent professionals with ingenuity, adaptability, social commitment and ethical and spiritual values by creating a congenial academic ambience that kindles innovative thinking.

We continually upgrade the Quality Management System through empowerment and involvement.

History

A Journey of Excellence: Adi Shankara Institute of Engineering & Technology

Adi Shankara Institute of Engineering & Technology commenced its journey on August 31, 2001, under the affiliation of MG University, Kottayam. Initially, the institute welcomed 180 students across four undergraduate programs: Computer Science Engineering (CSE), Information Technology (IT), Electrical & Electronics Engineering (EEE), and Electronics & Communication Engineering (ECE).

In 2004, the School of Management Studies (MBA) was established, admitting 60 students with specializations in Marketing Management, Human Resource Management, Financial Management, and International Business. The institute also introduced electives in contemporary management fields such as business analytics, logistics, entrepreneurship management, and digital marketing. The same year, the National Techno Cultural Festival "Brahma - Awaken the Creator Within" was launched.

A landmark event in 2005 was the visit by the Hon. President of India, Dr. APJ Abdul Kalam. That year, the first batch of engineering students graduated with excellent records and placements, with five students securing university ranks. The Applied Electronics & Instrumentation program and the Mechanical Engineering program were introduced in 2005 and 2006, respectively. Industry collaborations with Infosys began in 2006, followed by TCS in 2008.

In 2010, the institute launched postgraduate programs starting with M.Tech in Computer Science and Engineering. Dr. Kalam visited again that year to inaugurate the SHREIS Research Centre. In 2012, M.Tech programs in VLSI & Embedded Systems and Power Electronics & Power Systems were started. The following year, the M.Tech in Communication Engineering and the B.Tech program in Civil Engineering were launched.

Google recognized ASIET as an Institute Partner in 2014, coinciding with the establishment of the Innovation and Entrepreneur Development Cell (IEDC) under the Kerala Start-Up Mission (KSUM). In 2015, the institute shifted its affiliation from MG University to APJ Abdul Kalam Technological University and launched the APJ Abdul Kalam Innovation Award. The Adi Shankara Young Scientist Award was initiated in 2016.

In 2017, a state-of-the-art Digital Fab Lab was inaugurated, and a solar power plant was installed on campus. In 2018, four of its programs (CSE, ECE, EEE and ME) were accredited by the NBA. The same year, ASIET received the State Government's Best IEDC award and became a recognized research center with the commencement of Ph.D courses.

In 2019, the institute signed collaboration agreements with Glasgow University and the University of Cambridge, UK, establishing a Disaster Management Centre with Glasgow University. In 2020, an ASAP Skill Development Centre was set up to offer value-added courses, along with a Hi-Tech lab for online courses and technical sessions in association with ASAP and ICT Academy. A Technology Business Incubation (TBI) Centre funded by Kerala State Industrial Development Centre (KSIDC) was also established. Two new B.Tech programs in Computer Science and Engineering (Artificial Intelligence) and Robotics & Automation were introduced. His Excellency Shri Venkaiah Naidu, the Hon. Vice President of India, inaugurated the Adi Shankara Digital Academy (ASDA).

In 2021, ASIET hosted Asia's largest student innovation and entrepreneurship summit (IEDC Summit 2021) in collaboration with the Kerala Start-Up Mission. That year also saw the launch of a new UG program in Electronics and Biomedical Engineering. ASIET was recognized as a 'Band Performer' in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) in 2021. The ASDA (The Adi Shankara Digital Academy) platform, launched by the Honorable Vice President of India, Sri M Venkaiah Naidu, in 2021, catering to all, offers online courses in Vastu Shastra, Vedic Mathematics, and Yoga. ASDA aims to utilize its learning platform to extend its reach to students and graduates, providing opportunities for upskilling and empowering them with knowledge rooted in traditional Indian culture.

The institute's NSS Unit was awarded the best unit among higher educational institutions by the Government of Kerala. In 2022, the institute secured the President's awards for the best NSS Unit and NSS Program Officer. Four of our B.Tech programs: CSE, ECE, EEE and ME got reaccredited by NBA in the same year.

In 2023, the institute expanded its horizons by introducing two new courses: B.Tech in Computer Science and Engineering with a specialization in Data Science, and Master of Computer Applications (MCA). That year, ASIET received LEAP recognition from the Kerala Startup Mission. Adding another feather to its cap, the institute secured research funding of ₹2.98 crores from MeitY, Government of India, for a project focused on air quality monitoring, flood alert systems, and distributing drinking water.

In 2024, the Department of Civil Engineering received NBA accreditation, ensuring that all eligible Under Graduate programs at the institute are now accredited. That same year, the institution was recognized as a LEAP center by KSUM.

Through the years, Adi Shankara Institute of Engineering & Technology has consistently demonstrated a commitment to excellence, innovation, and community service, making it a beacon of education and growth.

Milestones

2001 31st of August, ASIET was established with four B.Tech courses - CSE, IT, EEE & ECE under the affiliation of MG University. 2004 MBA (Master of Business Administration) course was launched. National Techno Cultural Festival "BRAHMA - Awaken the Creator within" was launched. 2005 Hon. President of India Dr. APJ Abdul Kalam graced the college campus with his presence, inspiring students and faculty alike. First Batch of Engineering rolled out with excellent academic records and placement, with five university ranks. B.Tech in Applied Electronics & Instrumentation, Mechanical Engineering was launched. 2006 Industry collaboration with Infosys - One of the few Engineering colleges to have a collaboration with Techno giants at that time. 2008 Institute accredited by TCS. 2010 Launched M.Tech program in Computer Science & Engineering. Dr. APJ Abdul Kalam visits again to inaugurate SHREIS Research Center. 2012 Launched M.Tech program - VLSI and Embedded System. Launched M.Tech program - Power Electronics & Power System. 2013 Launched M.Tech program - Communication Engineering. Launched B.Tech program - Civil Engineering. 2014 Google awarded ASIET, the Institute Partner. Started Innovation and Entrepreneur Development Cell(IEDC) under Kerala Start-Up Mission. 2015 Affiliated to APJ Abdul Kalam Technological University. Launch of APJ Abdul Kalam Innovation award. 2016 Launch of Adishankara Young Scientist Award 2017 Launch of State of the art Digital Fab Lab. Installation of Solar Powered Power Plant in the campus. 2018 Award of NBA accreditation for CSE, ECE, ME, and EEE departments. Received award for the Best IEDC in the state from Government of Kerala. KTU recognized research center. Started Ph.D. courses. 2019 Collaboration with Glasgow University and Cambridge UK. Establishment of Disaster Management under Glasgow university. Recognized by ICT Academy of Kerala as a premium institute in Kerala. Award of best NSS unit from Government of Kerala. 2020 Establishment of ASAP skill center providing various value-added courses. Established state-of-the-art Hi-Tech lab, in association with ASAP and ICT. Networked with 150 engineering colleges, offering online courses and webinars. Established Adishankara Technology Business Incubation center(AdiShankara TBI) funded by Kerala State Industry Development Center (KSIDC). Launched 2 new B.Tech Courses: Computer Science & Engineering (Artificial Intelligence) Robotics and Automation. 2021 In January 2021, our institute hosted ASIA'S Largest Student Innovation and Entrepreneurship Summit (IEDC Summit 2021- the most prestigious event of Kerala Startup Mission). Awarded Best NSS Unit by Government of Kerala (Award Category: Higher Educational Institutions) Launched new B.Tech Course - Electronics & Biomedical Engineering 'Band Performer' in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) His Excellency Shri. M. Venkaiah Naidu, Vice President of India inaugurated our new venture Adi Shankara Digital Academy (ASDA). 2022 Secured the President's awards for the best NSS Unit and NSS Program Officer. Four of our B.Tech programs: CSE, ECE, EEE and ME got reaccruited by NBA 2023 Launched new B.Tech Course-Computer Science & Engineering with specialization in Data Science Launched new PG Course - Master of Computer Application (MCA) Received Local Entrepreneurship Advancement Programme (LEAP) recognition from the Kerala Startup Mission. Secured research funding of ₹2.98 crores from MeitY, Government of India 2024 NBA accreditation for Civil Engineering

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In 2010, the institute launched postgraduate programs starting with M.Tech in Computer Science and Engineering. Dr. Kalam visited again that year to inaugurate the SHREIS Research Centre. In 2012, M.Tech programs in VLSI & Embedded Systems and Power Electronics & Power Systems were started. The following year, the M.Tech in Communication Engineering and the B.Tech program in Civil Engineering were launched.

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[Adi Shankara Institute of Engineering & Technology](#)

The Adi Shankara Institute of Engineering & Technology was established in Kalady with the aim of providing value-added technical education that fosters professional excellence and ethical values in students. The institution is managed by the Adi Sankara Trust, a registered organization renowned in the field of education, under the blessings of His Holiness Jagadguru Sri Sri Bharati Tirtha Mahasannidhanam and His Holiness Jagadguru Sri Sri Vidhushekhara Bharati Sannidhanam of Dakshinamnaya Sri Sharada Peetham, Sringeri. For over 50 years, the trust has successfully operated various educational institutions. The institute is committed to maintaining a proactive approach to ensure the holistic development of its students.

The college, which was founded in 2001 and skilfully maintained by the Sringeri Mutt with the benign blessings of His Holiness Sri Sri Bharathi Tirtha Mahaswamiji, is committed to maintaining a proactive approach to ensure the students' holistic development.

Adi Shankara Institute of Engineering & Technology (ASIET) is ideally situated in a picturesque environment that evokes vivid memories of Jagadguru Adi Shankara's calm presence. It is affiliated to the A P J Abdul Kalam Technological University, approved by the AICTE and offers courses in UG, PG and PhD levels. Five of their streams are NBA accredited (CE, CSE, ECE, EEE & ME) which shows its commitment to quality systems.

ASIET is the first self-financing engineering college in Kerala to be awarded ISO 9001:2008 certification. Located just 5 km from Kochi International Airport, it is easily accessible by train (6 km from Angamaly railway station) and by road (just 1 km from the arterial MC Road). To date, twenty batches of B.Tech students have graduated from this temple of education, and they occupy responsible positions in prestigious organizations both in India and abroad.

In addition to the Adi Shankara Institute of Engineering and Technology, the Trust operates the following educational institutions in Kalady:

Sree Sankara College

Sree Sarada School (Sainik School)

Adi Sankara Training College

Sree Sarada Special School

DDU Kaushal Kendra

PNNM Ayurveda College

The Trust is led by Guru Seva Nirata Sri P.A. Murali, who serves as the CEO and Administrator of the Sri Sarada Peetham in Sringeri, Chickmagalur district, Karnataka.

Sri K. Anand, a well-respected advocate, serves as the Managing Trustee and is deeply committed to the college's overall development.

A team of highly qualified and dedicated faculty, under the direct supervision of Principal Dr. M. S. Murali, works tirelessly for the comprehensive betterment of students. With his extensive experience in teaching and administration, he sets exceptionally high standards for the institute.

Vision

To emerge as a Center of Excellence in Engineering, Technology and Management by imparting quality education, focussing on empowerment and innovation.

Mission

Impart quality professional education for total upliftment of the society.

Create congenial academic ambience that kindles innovative thinking and research.

Mould competent professionals who are socially committed and responsible citizens.

Quality Policy

We are committed to the total upliftment of the society by imparting quality professional education.

We aim at moulding totally competent professionals with ingenuity, adaptability, social commitment and ethical and spiritual values by creating a congenial academic ambience that kindles innovative thinking.

We continually upgrade the Quality Management System through empowerment and involvement.

History

A Journey of Excellence: Adi Shankara Institute of Engineering & Technology

Adi Shankara Institute of Engineering & Technology commenced its journey on August 31, 2001, under the affiliation of MG University, Kottayam. Initially, the institute welcomed 180 students across four undergraduate programs: Computer Science Engineering (CSE), Information Technology (IT), Electrical & Electronics Engineering (EEE), and Electronics & Communication Engineering (ECE).

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His Holiness Sri Sri Bharati Tirtha Mahasannidhanam

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CEO & ADMINISTRATOR, SRINGERI MUTT

Guru Seva Nirata "Sri P.A. Murali"

Greetings,

I am delighted to extend a warm welcome to all students, faculty members, staff, and visitors to our esteemed institution. Adi Shankara Institute of Engineering and Technology (ASIET) has always been a beacon of knowledge, values, and holistic education. Education is not just about acquiring information; it's about nurturing curious minds, fostering critical thinking, and cultivating character. At ASIET, we are committed to providing an environment that encourages intellectual growth and personal development. Our dedicated faculty members are not just teachers, but mentors who are passionate about guiding students on their path to success. We believe in the importance of embracing innovation while upholding our rich traditions. Our curriculum is designed to blend the best of both worlds, ensuring that our graduates are well-equipped to tackle real-world challenges with a global perspective. I encourage all students to actively participate in extracurricular activities, sports, and community service, as these experiences shape well-rounded individuals and future leaders. I extend my best wishes to everyone embarking on this enriching educational journey at ASIET. Let us work together to achieve excellence and make a positive impact on society.

Best regards, Guru Seva Nirata "Sri P.A. Murali" CEO, Sringer Mutt and its properties.

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The Governing Body is the highest administrative body of the institute and it meets twice in a year with following objectives.

Objectives:

The Governing Body is formed to ensure effective, efficient, economical execution of the administration of the College so as to achieve excellence in

technical education ensuring holistic development of the students. It also aims to nurture and develop the Institution to meet the highest standards in the field of Technical Education.

Evolves the Vision, Mission and Objectives of the College and ensures that they are achieved.

To provide directions in strategic decisions related to the overall development of the College.

Review the academic and non academic activities.

Approves new programmes of study taking into consideration of the recommendations from experts.

Review the institute's applications for accreditations by different Regulatory Bodies (NBA, NAAC etc)

Reviews the infrastructural requirements of the Institute.

Review the performance of the Institute and guide it to function effectively to achieve excellence in Academic, Research and Industry collaborations.

Ensures the regulatory compliance of all the decisions by the concerned authorities like Principal, Heads of the Department and other officers of the Institute in all matters of fundamental concern.

Encourage and give direction to apply for funds from different funding agencies.

To approve all policies and plans in academic & non academic matters for the upliftment of the institution .

Constitution of the Governing Body:

Chairman

Two to five members nominated by the trust

Eminent expert professionals from Industry and Research

Principal and Academic Council members

Members

Guru Seva Nirata Sri. P. A Murali

CEO and Administrator, Sringeri Math and its Properties

Sri. K Anand

Managing Trustee, Adi Shankara Group of Institutions

Dr. M S Murali

Principal, ASIET

Sri. T R Gopalakrishnan Nair

Professor, NIAS Bangalore

Dr. Bhasi A Balakrishnan

Ex-Professor & Controller of Examination, CUSAT

Dr. A V Jayanthan

Associate Professor, Dept. of Mathematics, IIT Madras

Sri. E Ramankutty

Director, Bharatiya Vidya Bhavan, Ernakulam

Dr. R Sridharan

Professor NIT Calicut

Sri. R Nagaraja

Former Director (Military Aircraft Operations), MOOG India Ltd., Bangalore

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Adi Sankara Trust

Guru Seva Nirata Sri P.A. Murali Administrator and CEO, Sringeri Mutt & Its Properties Sri. K Anand Managing Trustee, Adi Sankara Trust Sri. Vidyashankar Krishnan Trustee Sri. D Dasaratharaman Trustee Sri. Murali Ananthasubramanian Pathai Trustee Sri. K S Neelakantan Iyer Trustee Sri. Krishna Venkatesh Trustee Sri. H R Binod Trustee Sri. V Ramalingam Trustee Sri. T P Sivaramakrishnan (Auditor) Trustee

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Academic Council

Academic council of ASIET, consists of faculty members and administrative staff who oversee the the college's academic affairs. This council works together to ensure that the college provides high-quality education to its students and that the academic programs adhere to the required standards.

Aim

The aim of the academic council is to maintain and improve the academic standards of the college, promote academic excellence, and ensure that the academic programs are in line with the latest trends in the engineering field.

Objectives

To provide guidance and support to the faculty members in developing and implementing the academic programs.

To monitor the academic performance of the students and provide feedback to the faculty members.

To review and approve the academic policies, regulations, and procedures.

To promote research and development activities among the faculty members and students.

To ensure that the academic programs are in compliance with the accreditation standards.

To ensure that the academic programs are aligned with the industry requirements and trends.

To collaborate with other academic institutions, industry, and government agencies for the betterment of the academic programs.

Composition

The Principal, who serves as the chair of the council.

Heads of Departments of all the disciplines in the college.

Deans – Academics, Research and Placement.

IQAC coordinator.

PG coordinator

1st year coordinator.

Functions

Developing and updating the academic policies, regulations, and procedures.

Approving the academic programs, syllabus, and curriculum.

Monitoring the academic performance of the students.

Reviewing and approving the academic calendar.

Evaluating the faculty performance and providing feedback.

Promoting research and development activities.

Collaborating with other academic institutions, industry, and government agencies.

Ensuring that the academic programs are in compliance with the accreditation standards.

Encouraging and supporting the professional development of the faculty members.

Procedures

The academic council meets regularly to discuss and make decisions related to the academic affairs of the college.

The meetings are typically chaired by the Principal, and the agenda is already prepared / circulated.

The members of the council discuss and debate various issues related to the academic programs and make decisions based on the consensus.

The decisions made by the academic council are then implemented by the faculty members and the administrative staff of the college.

The academic council also takes feedback from the students and other stakeholders to continuously improve the academic programs.

The Academic Council

Dr. M S Murali Principal Dr. Bobby Mathews C IQAC Head & Dean of PhD Programmes
Dr. Jithesh K Dean UG Programmes Prof. R Rajaram Dean Project & Consultancy,
NBA Coordinator Dr. Sojan P Lal Dean School of Computing Dr. Eldose K K Dean
Campus Affairs, HOD Mechanical Engineering Dr. S. Srikrishnan Dean Computer
Science and Engineering Department, HOD Computer Application Dr. Sreepriya S
Dean Research Dr. Santharam Rao C P Dean Placement and Training Dr. Bipin P R PG
Coordinator Dr. Dhanasekhar K HOD Civil Engineering Dr. Ramani Bai V HOD
Computer Science & Engineering Prof. Rajaraman P V HOD Computer Science &
Engineering - Artificial Intelligence Dr. Ajay Kumar HOD Electronics and
Communication Engineering Dr. Deepa Sankar HOD Electrical and Electronics
Engineering Dr. Remya George HOD Electronics and Biomedical Engineering Dr.
Vinila M L HOD Robotics and Automation Engineering Prof. Shaji Mohan HOD
Business School Dr. Jayasree T G HOD Basic Science and Humanities Prof. Anitha P

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College Council

The college council of ASIET is constituted as per circular No. KTU/ASST6(ADMIN)/1902/2021 dated 29/6/21, the college council is reconstituted as prescribed in the APJ Abdul Kalam Technological University First Statutes, 2020, and as per regulations/ directions issued by UGC and AICTE.

Constitution:

Chairman: Principal

Secretary: elected person from the college council

All HODs

Physical education director

Faculty coordinator of the college union

College union chairman and vice chairman

Special Invitee: Hostel Wardens/ faculty in charge of the cell/committee pertaining to the issue being discussed in the college council.

Responsibilities and Functions of the College Council

The administration of the college is entrusted to the Principal, under the general direction and control of the management.

The College Council is a statutory body that advises and assists the Principal in all academic, co-curricular, extracurricular, and administrative matters.

Prior notice is provided for regular meetings, while urgent meetings are convened on short notice.

College Council 2024-2025

Dr. M.S Murali, Principal Chairman Dr. Sreepriya S, Dean Research Member Dr. Deepa Sankar, HOD EEE Member Dr. Eldose K K, HOD ME Member Dr. Dhanasekhar K, HOD CE Member Dr. Vinila M L, HOD RA Member Dr. Jayasree T G, HOD BSH Member Dr. Ramani Bai V, HOD CSE Member Prof. Rajaraman P V, HOD CSE (AI) Member Dr. Remya George, HOD EBE Member Dr. Ajay Kumar, HOD ECE Member Prof. Shaji Mohan, HOD MBA Member Dr. S. Srikrishnan, HOD MCA Member Sri. Ramesh C T, Director Physical Education Member Dr. Madhu C S, MBA Member Sri. Abhishek Kumar A A, CE Member Smt. Raghi R Menon, CSE Member Sri. Majo Davis, ME Member College Union Chairman Member Vice Chairman (Female) Member Smt. Archana Aniyar - Ladies Hostel Warden, ECE Special Invitee Dr. Subiramoniyan - Men's Hostel Warden, EEE Special Invitee Dr. Eldose K K -Selected by College Council, HOD ME Secretary

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Sri. K Anand

It gives me great pleasure to communicate with you all and share my thoughts on the future development, academic growth, research work and student welfare that Adi Shankara Institute of Engineering and Technology (ASIET) is planning to implement in the near future. Our academic plans are designed in accordance with the New Education Policy of India, which marks a new era in the country's education sector and presents numerous opportunities for institutions like ours to shape the future of engineering education in India.

One of the key objectives of that we follow at ASIET is to make education more inclusive, equitable and accessible to all. Our college is committed to this goal and we plan to offer various scholarships, fee waivers, and other financial aid programs to help students from underprivileged backgrounds pursue their dreams of obtaining an engineering degree.

Another aspect of emphasis at ASIET is on research-based education. Our college plans to invest heavily in research and development activities, with a focus on emerging technologies such as Artificial Intelligence, Internet of Things, and Renewable Energy. We will be establishing research centres, incubation centres (we already have an award winning TBI) and collaboration with industry partners to provide students with hands-on experience and a real-world understanding of these technologies.

To ensure the academic growth of our students, we will be introducing new and updated curriculum plans that accommodate add-on courses that are aligned with the latest industry trends and demands. Our faculty are provided with training and resources to keep them at the forefront of their respective fields, and we get guest speakers and resource-persons from leading companies and institutions to share their expertise with our students.

Student welfare is also a top priority for our college. We understand that students face various challenges, both academically and personally, and we

support them in every way we can—through student counselling, health and wellness programs, and extracurricular activities that offer possibilities of holistic development.

ASIET leads the way in shaping the future of engineering education in Kerala. We are committed to making the most of this opportunity and to providing our students with the best possible education experience. We look forward to working together with our students, parents, faculty, and staff to make this vision a reality.

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I am delighted to welcome you to Adi Shankara Institute of Engineering and Technology, where we are committed to empowering the engineers and technologists of tomorrow. Our institution is more than just a place of learning; it is a vibrant community where students grow, excel, and transform into industry-ready professionals with a global outlook.

At Adi Shankara, we understand the significance of a holistic education that goes beyond academics. Therefore, we have designed an all-encompassing approach to equip our students with the skills and expertise required to thrive in the competitive world of engineering and technology. Our focus extends beyond the curriculum, touching upon various aspects that are essential for your success and personal growth.

We believe that skills complement knowledge, and hence, we offer a wide range of skill training programs. Through workshops, hands-on training, and industry interactions, we aim to nurture your practical abilities, making you well-rounded professionals capable of solving real-world challenges.

As part of our commitment to providing global exposure, we encourage students to explore placement opportunities abroad. Our tie-ups with international companies

and universities create avenues for students to gain invaluable experiences on the international stage. Additionally, we support and guide meritorious students in securing scholarships for higher education and research.

Internships are crucial for bridging the gap between classroom learning and industry requirements. We actively collaborate with leading organizations to offer quality internships to our students. Moreover, we provide scholarships to deserving students to encourage and reward academic excellence.

Effective communication is the cornerstone of professional success. We emphasize the development of language and communication skills to ensure that our students can articulate their ideas with clarity and confidence, thereby enhancing their employability.

Career planning is a continuous process, and we guide our students in identifying their strengths and interests to align their career goals accordingly. Additionally, we offer various programs and opportunities to expand the competencies, keeping our learners at the forefront of the rapidly evolving engineering and technology landscape.

We understand the importance of financial independence and encourage students to 'earn while they learn.' Our on-campus and off-campus initiatives offer part-time job opportunities, helping students to develop a strong work ethic and time management skills.

At Adi Shankara, we strive to create a supportive ecosystem that nurtures talent and fosters a culture of inclusivity. We organize various on-campus and off-campus events, and technical as well as non-technical conferences to enable networking and collaboration opportunities.

As the Senior Associate Director, I assure you that our dedicated faculty, state-of-the-art facilities, and industry partnerships will provide you with the best possible environment to grow and excel. Together, we can build a brighter future and shape the world of engineering and technology.

Welcome to Adi Shankara Engineering College – where excellence meets innovation!

Best Regards,

Dr Jacob George C

Adi Shankara Group of Institutions

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Dr. M S Murali

Technology and Practices are undergoing constant transformation in the fast growing global environment. Technology adapted today may turn obsolete tomorrow. This has resulted in the need of professionals and technical experts who can upgrade themselves and adapt to the changing environment.

The young minds and hearts who aspire to achieve their ambitions and passions need to acquire or develop specialized knowledge, skills and attitude to excel in their chosen field. Dear students, the current decision of yours should be matched by your hard work and perseverance and this would decide your future.

We, at Adi Shankara Institute of Engineering and Technology (ASIET), are committed to groom young professionals capable of facing the challenges of the changing global scenario. We have a team of efficient, experienced, competent and dedicated faculty who devote their time to unleash the potential in each student and contribute immensely towards his/her holistic development. We provide state-of-the-art infrastructure and efficient administration creating a safe and supportive environment for the students. Students meet and interact with great personalities from Industry, get the best industrial visits, internships, leadership training; and opportunities to shape their future vocations by attending customized add-on courses. Yoga, sports and cultural activities on the campus ensure the physical and mental fitness of ASIETians. Our vision is to generate a generation of confident, articulate and enlightened young citizens who are valued in society for their dignified bearing, exemplary sense of honour and integrity.

Our institution has recorded two decades of consistent development in the course of which it has accomplished many accolades, making it one of the colleges recognized for its excellence. We have always had excellent results, impressive track record in finding placements and securing funded research projects.

With immense pleasure I welcome to ASIET all those who have a burning desire to enhance their knowledge and skills and utilize the opportunities provided by us to enjoy excellent career prospects.

I take this opportunity to wish all the best to all prospective students and remain highly appreciative of the trust placed in us over the past two decades by our students and their parents.

Dr. M S Murali

Principal

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Prof. R Rajaram

Professor & Dean Project, Consultancy

Dr. Eldose K K

Professor & Dean Campus Affair

Dr. Bobby Mathews C

Professor & Dean Ph.D Programmes

Dr. Santharam Rao C P

Dean Placement and Training

Dr. Jithesh K

Dean UG Programmes

Dr. S. Srikrishnan

Dean Computer Science And Engineering Department

Dr. Sreepriya S

Dean Research

Dr. P Sojan Lal

Dean School of Computing, Strategic Planning - ASIET

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The Adi Shankara Trust, based in Kalady, Kerala, carries forward the illustrious legacy of Jagadguru Adi Shankaracharya, an eminent philosopher and theologian who made profound contributions to Hindu philosophy and Advaita Vedanta. The trust is dedicated to preserving and propagating the teachings and values narrated by Adi Shankaracharya

The Adi Shankara Trust places a strong emphasis on education as a means to foster intellectual and spiritual growth. Through its educational institutions, including the renowned Adi Shankara Institute of Engineering and Technology (ASIET), Sree Shankara College, Sree Sarada Sainik School, and Adi Shankara Training College, the trust provides quality education across various disciplines. These institutions are committed to upholding the principles of excellence and holistic development, reflecting Adi Shankaracharya's emphasis on knowledge and wisdom.

Adi Shankaracharya was known for his compassionate approach towards humanity. Reflecting this ethos, the Adi Shankara Trust engages in various social welfare activities aimed at uplifting the underprivileged sections of society.

The legacy of the Adi Shankara Trust, Kalady, is a testament to the enduring relevance of Adi Shankaracharya's teachings. Through its diverse initiatives in education, cultural preservation, social welfare, research, environmental stewardship, and community development, the trust continues to honor and perpetuate the profound impact of Adi Shankaracharya's life and work. It stands as a beacon of knowledge, compassion, and holistic development, guiding countless individuals on their paths to enlightenment and societal contribution.

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Besides the Adi Shankara Institute of Engineering and Technology the Trust runs the following educational institutions at Kalady

Sree Sarada Vidyalaya

Sree Sarada Vidyalaya, Kalady, Senior Secondary School, started functioning in June 1992. Sree Sarada is affiliated to the Central Board of Secondary Education (CBSE) and follows the curriculum of National Council of Educational Research and Training (NCERT).

[View more](#)

Sree Sankara College

Envisaged by Swami Agamananda, a social reformer and a foresighted scholar of Sri Ramakrishna Advaita Ashram, Sree Sankara College, Kalady was established with a view to perpetuate the memory and doctrines of the great saint and philosopher, Adi Sankaracharya and to nurture his birth place as a cultural citadel.

[View more](#)

Adi Sankara Training College

Adi Sankara Training College, named after the great Philosopher Sri. Adi Sankaracharya – a radiant figure, the rays of whose stupendous activities enlightened the whole world, has been established during the year 2005-06 at his birthplace, Kalady.

[View more](#)

PNNM Ayurveda College

P N N M Ayurveda Medical College and Hospital is a self-financing institution affiliated to Kerala University of Health Sciences, Thrissur. This Ayurveda College has been recognized by the National Commission for Indian System of Medicines, Government of India and the Ministry of Health and Family Welfare Department of Ayush.

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Statutory Committees

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Statutory Committees

Student Grievance Redressal Committee

According to Clause 5 in the AICTE (Redressal of Grievance of Students) Regulations, 2019, the college has established a Student Grievance Redressal Committee to address student issues and complaints. The committee's objectives are to provide a platform for grievance redressal, maintain a harmonious educational environment, and ensure transparency and accountability in the resolution process. For more details see Student Grievance Redressal Committee

Anti Ragging Cell

According to Clause 6 in AICTE (Prevention and Prohibition of Ragging in Technical Institutions, Universities including deemed to be Universities imparting technical education) Regulations 2009/Clause 6.3 in the UGC Regulations on curbing the Menace of Ragging in Higher Educational Institutions, 2009 / Kerala Prohibition of Ragging Act, 1998 and Chapter 6, Statute 3 Sub Statute 13 of the First Statutes, an Anti-Ragging Cell is established in the college to prevent and address incidents of ragging within the institution. The role of the Anti-Ragging Cell is to implement measures to prevent ragging in the institution by monitoring potential incidents. The cell responds promptly and effectively to any reported cases of ragging. Additionally, it aims to raise awareness among students and staff about the negative effects of ragging and its legal consequences. The cell ensures that the institution follows the anti-ragging regulations laid down by AICTE and UGC. For more details see Anti Ragging Cell

Women Empowerment Cell

For the true empowerment of women, the social, economic, and political aspects of her life must converge holistically. These factors are deeply intertwined with numerous interconnections. The extent of empowerment is largely determined by the relative importance of these factors in our society. The Women Empowerment Cell at ASIET conducts various activities focusing on these aspects to empower our girls to realize their dreams. For more details see Women Empowerment Cell

Internal Complaint Committee (ICC)

The Internal Complaint Committee (ICC) is a vital mechanism within organizations and educational institutions designed to address and resolve complaints related to harassment and discrimination. Its primary role is to provide a safe and confidential platform for individuals to report grievances concerning issues such as sexual harassment, bullying, or any form of misconduct that undermines

the dignity and rights of individuals. Based on the circular No. KTU/ASST6(ADMIN)/1902/2021 dated 31.07.2022 the INTERNAL COMPLAINT COMMITTEE (ICC) – of Adi Shankara Institute of Engineering & Technology, Kalady constituted with the following members as per (As per Section (Clause 4 in AICTE (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutions) Regulations, 2016) 4 vide No. F.AICTE/ WH/2016/01dated 10th June, 2016 for the Academic Year 2024-25. For more details see Internal Complaint Committee

Gender & Equity Cell

The Gender and Equity Cell at Adi Shankara Institute of Engineering and Technology (ASIET) is dedicated to promoting gender equality and addressing issues related to gender discrimination within the institution. Its goal is to provide equal opportunities for education and employment to all stakeholders, regardless of gender. The cell's roles and responsibilities include Promoting gender equality, Addressing grievances, Raising awareness, Offering support and counseling services to individuals facing gender-related issues, Collaborating with other committees and organizations, such as the Internal Complaint Committee (ICC), to resolve issues related to gender discrimination and harassment Additionally, the cell assists in developing and updating institutional policies related to gender equity, ensuring that these policies comply with legal requirements and best practices. By focusing on these areas, the Gender and Equity Cell at ASIET aims to create a supportive and equitable environment that values diversity and ensures that all individuals have the opportunity to thrive and succeed For more details see Gender & Equity Cell

SC/ST Committee

The Scheduled Caste (SC) and Scheduled Tribes (ST) Cell at an institute aims to support and advocate for the unique interests of students in these reserved categories. Its purpose is to offer additional assistance in areas where these students may face challenges. Based on the circular No. KTU/ASST6(ADMIN)/1902/2021 dated 31.07.2022 the SC/ST COMMITTEE of Adi Shankara Institute of Engineering & Technology, Kalady is constituted with the following members as per (Clause 6.3.3 in Appendix 6 in APH) for the Academic Year 2024-25. For more details see SC/ST Committee

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Name Designation Department View Profile Dr. Aneesh P C Assistant Professor Civil Engineering Shabnum Suhura Shamsudeen Assistant Professor (On Leave) Civil Engineering Abin Joy Assistant Professor Civil Engineering Harshananda T N Assistant Professor Civil Engineering Reema Pius Assistant Professor Civil Engineering Clydin P A Assistant Professor Civil Engineering Abishek Kumar A A Assistant Professor Civil Engineering Akhila Vijayan Assistant Professor Civil Engineering Dr. P K Suresh Senior Professor Civil Engineering Jyothi Lekshmi R Assistant Professor Civil Engineering Gisha George Assistant Professor (On Leave) Civil Engineering Rosmin Thomas Assistant Professor Civil Engineering Veena S Kumar Assistant Professor Civil Engineering Dona Joy Assistant Professor Civil Engineering Anna Varghese Assistant Professor Civil Engineering Dr. A N Swaminathan Professor Civil Engineering Chithralekha V Dev Assistant Professor Civil Engineering Dr. Parameswaran T G Associate Professor Civil Engineering Gripsy Paul Mannickathan Assistant Professor(Pursuing PhD) Computer Science & Engineering T Sobha Associate Professor (Pursuing Ph.D) Computer Science & Engineering Rosemary Varghese Assistant Professor Computer Science & Engineering Teena George Assistant Professor Computer Science & Engineering Neetha K Nataraj Assistant Professor(Pursuing PhD) Computer Science & Engineering Divya K S Assistant Professor (Pursuing Ph.D) Computer Science & Engineering Unnikrishnan K N Associate Professor (Study Leave for pursuing Ph.D) Computer Science &

Engineering Raghi R Menon Assistant Professor Computer Science & Engineering
 Ajay Basil Varghese Assistant Professor Computer Science & Engineering Dr. Sanaj
 M S Associate Professor Computer Science & Engineering Shyama R Assistant
 Professor Computer Science & Engineering Nikhil Narayan Assistant
 Professor(Pursuing PhD) Computer Science & Engineering Anila S Assistant
 Professor Computer Science & Engineering Sumesh C Raman Assistant Professor
 Computer Science & Engineering Dr. Manesh T Associate Professor Computer Science
 & Engineering Prabhu M Assistant Professor Computer Science & Engineering
 Sreedevi R Krishnan Assistant Professor (Pursuing Ph.D) Computer Science &
 Engineering Eldhose P Sim Assistant Professor(Pursuing PhD) Computer Science &
 Engineering Willson Joseph Assistant Professor Computer Science & Engineering
 Jithi P V Assistant Professor Computer Science & Engineering Sharika T R
 Assistant Professor Computer Science & Engineering Reshma M R Assistant
 Professor Computer Science & Engineering Dr. Deepa Devassy Assistant Professor
 Computer Science & Engineering Akshaya Jayaraj Assistant Professor Computer
 Science & Engineering Dr. Shyni Shajahan Assistant Professor Computer Science &
 Engineering Chinnu Maria Varghese Assistant Professor Computer Science &
 Engineering Parvathy Nair Assistant Professor Computer Science & Engineering Dr.
 Ramani Bai V Professor & HOD Computer Science & Engineering Dr. Bipin P R
 Professor Electronics & Communication Engineering Neetha K Senior Assistant
 Professor (Pursuing PhD) Electronics & Communication Engineering Sreekanth K S
 Associate Professor Electronics & Communication Engineering Dr. Neema M
 Assistant Professor Electronics & Communication Engineering Anju George
 Assistant Professor (Pursuing PhD) Electronics & Communication Engineering
 Savitha Raghavan Selection Grade Assistant Professor (Pursuing PhD) Electronics
 & Communication Engineering Remya Ramesh Selection Grade Assistant Professor
 (Pursuing PhD) Electronics & Communication Engineering Prajeesh P A Selection
 Grade Assistant Professor Electronics & Communication Engineering Neethu Suman
 Senior Assistant Professor Electronics & Communication Engineering Aswathy N
 Senior Assistant Professor Electronics & Communication Engineering Archana
 Aniyam Selection Grade Assistant Professor (PhD Pursuing) Electronics &
 Communication Engineering Dr. Ajay Kumar Associate Professor & HOD Electronics &
 Communication Engineering Divya V Chandran Senior Assistant Professor (Pursuing
 Ph.D) Electronics & Communication Engineering Jaimy James Poovely Assistant
 Professor (Pursuing Ph.D) Electronics & Communication Engineering Albins Paul
 Assistant Professor Electronics & Communication Engineering Arya Paul Assistant
 Professor Electronics & Communication Engineering Prasanth P Menon Assistant
 Professor Electronics & Communication Engineering Dr. Bobby Mathews C Professor,
 Dean PhD programmes Electronics & Communication Engineering Dr. Anagha E G
 Assistant Professor Electronics & Communication Engineering Reshma Lakshmanan
 Assistant Professor Electronics & Communication Engineering Dr. Ramu R Associate
 Professor Electronics & Communication Engineering Manesh V M Assistant Professor
 (PhD Pursuing) Electronics & Communication Engineering Dr. Resmi N. C. Associate
 Professor Electronics & Communication Engineering Dr. Chithra Parameswaran
 Assistant Professor Electronics & Communication Engineering Remya K P Assistant
 Professor (Pursuing PhD) Electrical & Electronics Engineering Ashna Mohan
 Assistant Professor (Pursuing Ph.D) Electrical & Electronics Engineering Anitha
 P Associate Professor (Pursuing Ph.D) Electrical & Electronics Engineering Dr. P
 Jeno Paul Professor Electrical & Electronics Engineering Hima T Assistant
 Professor (Pursuing Ph.D) Electrical & Electronics Engineering Sreehari S
 Assistant Professor(Pursuing PhD) Electrical & Electronics Engineering Rajitha
 A R Sr Assistant Professor (Pursuing PhD) Electrical & Electronics Engineering
 Dr. Tony George Associate Professor [On Leave] Electrical & Electronics
 Engineering Gomathy S Associate Professor Electrical & Electronics Engineering
 Dr. Deepa Sankar HOD & Associate Professor Electrical & Electronics Engineering
 Sijo George Associate Professor (Pursuing Ph.D) Electrical & Electronics
 Engineering Rajalakshmy S Senior Assistant Professor Electrical & Electronics
 Engineering Akhila K Assistant Professor (Pursuing Ph.D) Electrical &
 Electronics Engineering Anna Baby Assistant Professor (Pursuing Ph.D) Electrical
 & Electronics Engineering Alan Mathew George Assistant Professor(Pursuing PhD)
 Electrical & Electronics Engineering Dr. S Subiramoniyan Associate Professor
 Electrical & Electronics Engineering Dr. Sreena Sreekumar Associate Professor
 Electrical & Electronics Engineering Dr. Babu Paul Professor Electrical &
 Electronics Engineering Leo Francis Assistant Professor Mechanical Engineering

Eldhose K Joy Assistant Professor Mechanical Engineering Vishnu S Assistant Professor (On leave for pursuing Ph.D) Mechanical Engineering Aneesh V Assistant Professor (On leave for pursuing Ph.D) Mechanical Engineering Goutham D Assistant Professor Mechanical Engineering Sandeep O S Assistant Professor Mechanical Engineering Arun P Das Assistant Professor Mechanical Engineering Eldho Mathew Assistant Professor Mechanical Engineering Goutham S Assistant Professor Mechanical Engineering Dr. Eldose K K Professor, HOD & Dean Mechanical Engineering Majo Davis Assistant Professor Mechanical Engineering Jithesh S R Assistant Professor Mechanical Engineering Ajith M S Assistant Professor Mechanical Engineering Dr. Vinay Varghese Associate Professor Mechanical Engineering Dr. Jithesh K Associate Professor Mechanical Engineering Dr. Sivaprasad P V Associate Professor Mechanical Engineering Dr. Nidhin Raj A Associate Professor Mechanical Engineering Dr. Vinay T V Assistant Professor Mechanical Engineering Kiran K S Assistant Professor Mechanical Engineering Dr. Rahul S Arackal Assistant Professor Mechanical Engineering Suja C K Senior Grade Assistant Professor (Pursuing Ph.D) Basic Science & Humanities Leena C L Selection Grade Assistant Professor Basic Science & Humanities Dhanya R Assistant Professor Basic Science & Humanities Savithry K S Selection Grade Assistant Professor Basic Science & Humanities Pravitha K Nair Senior Grade Assistant Professor (Pursuing Ph.D) Basic Science & Humanities Dr. Ganga Devi T R Associate Professor Basic Science & Humanities Sajitha Saseendran Assistant Professor Basic Science & Humanities Nisha K N Assistant Professor Basic Science & Humanities Resmi V R Selection Grade Assistant Professor (Pursuing Ph.D) Basic Science & Humanities Sruthi N L Assistant Professor Basic Science & Humanities Dr. Jayasree T G Associate Professor & HOD Basic Science & Humanities Dr. Jini Varghese P Associate Professor Basic Science & Humanities Misha K N Assistant Professor Basic Science & Humanities Krishnapriya Assistant Professor Basic Science & Humanities Dr. Anand Krishnamoorthy Associate Professor Basic Science & Humanities Renjini T N Assistant Professor Basic Science & Humanities Sudesh Prabhakaran Assistant professor Basic Science & Humanities Dr. Jayanthi K R Assistant Professor Basic Science & Humanities Gouripriya Ramachandran Assistant Professor Basic Science & Humanities Amal Pavithran Asst.Professor (Pursuing PhD) Basic Science & Humanities Renjith K R Senior Assistant Professor Business School Nimal C N Associate Professor Business School Dr. Madhu C S Professor Business School Manju M Mathew Assistant Professor Business School Sidharth S Nair Assistant Professor Business School Jisha J Assistant Professor Business School Dr. Chinju CJ Assistant Professor Business School Asha Rose Thomas Assistant Professor (Pursuing PhD) Computer Science and Engineering (Artificial Intelligence) Sabitha M G Assistant Professor Computer Science and Engineering (Artificial Intelligence) Revathy Prasannan Assistant Professor Computer Science and Engineering (Artificial Intelligence) Gayathri Dili Assistant Professor Computer Science and Engineering (Artificial Intelligence) Remya Raveendran Assistant Professor Computer Science and Engineering (Artificial Intelligence) Dr. Amrutha Muralidharan Nair Assistant Professor Computer Science and Engineering (Artificial Intelligence) Dr. Binju Saju Assistant Professor Computer Science and Engineering (Artificial Intelligence) P V Rajaraman Associate Professor & HOD Computer Science and Engineering (Artificial Intelligence) Dr. Sarika S Associate Professor Computer Science and Engineering (Artificial Intelligence) Siji Jose Pulluparambil Assistant Professor (Pursuing Ph.D) Computer Science and Engineering (Artificial Intelligence) Dr. Vinila M L Associate Professor & HOD Robotics and Automation Sreedeeep Krishnan Associate Professor Robotics and Automation Ranjeesh R Chandran Assistant Professor - Selection Grade Robotics and Automation Anju Mary Joseph Assistant Professor Robotics and Automation Ravi Balakrishnan Adjunct Professor Robotics and Automation Dr. Athira M Associate Professor Robotics and Automation Arun Kumar K Assistant Professor Robotics and Automation Dr. Julia T J Associate Professor Robotics and Automation Philip C Jacob Assistant Professor Robotics and Automation Dr. Sreepriya S Dean - Research and Associate Professor Robotics and Automation Jeeshma Mary Paul Assistant Professor Robotics and Automation Safeena M K Assistant Professor Robotics and Automation Arya C V Assistant Professor*(Study Leave) Electronics and Biomedical Engineering Dr. Lakshmi M Hari Assistant Professor Electronics and Biomedical Engineering Nimmi Vijayan Assistant Professor Electronics and Biomedical Engineering Winnie Ann Thomas Assistant Professor Electronics and

Biomedical Engineering Dr. Remya George Associate Professor & HOD Electronics and Biomedical Engineering Dr. Surya D Assistant Professor Electronics and Biomedical Engineering Shinu M M Assistant Professor Electronics and Biomedical Engineering Tresa Joseph Assistant Professor Electronics and Biomedical Engineering Dr. Silpa P A Assistant Professor Electronics and Biomedical Engineering Aswin Raj V Assistant Professor Electronics and Biomedical Engineering Krishna S Nair Assistant Professor Electronics and Biomedical Engineering P V Rajaraman Associate Professor & HOD Computer Science and Engineering (Data Science) Asha Rose Thomas Assistant Professor (Pursuing PhD) Computer Science and Engineering (Data Science) Sabitha M G Assistant Professor Computer Science and Engineering (Data Science) Revathy Prasannan Assistant Professor Computer Science and Engineering (Data Science) Gayathri Dili Assistant Professor Computer Science and Engineering (Data Science) Remya Raveendran Assistant Professor Computer Science and Engineering (Data Science) Dr. Amrutha Muralidharan Nair Assistant Professor Computer Science and Engineering (Data Science) Dr. Binju Saju Assistant Professor Computer Science and Engineering (Data Science) Dr. Sarika S Associate Professor Computer Science and Engineering (Data Science) Siji Jose Pulluparambil Assistant Professor (Pursuing Ph.D) Computer Science and Engineering (Data Science) Dr. Hari Narayanan A G Associate Professor Computer Applications Dr. Sneha Prakash Assistant Professor Computer Applications Dr. Vincy Devi V K Assistant Professor Computer Applications Anjali Sankar Assistant Professor Computer Applications Rintu Augustine Assistant Professor Computer Applications

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[His Excellency Dr A P J Abdul Kalam](#)

[Former President of India - 2005, 2010](#)

[His Excellency M Venkaiah Naidu](#)

[Former Vice President of India - 2018, 2020](#)

Dr. Shashi Tharoor

Member of Parliament - 2019

Padma Shri Dr A S Kiran Kumar

ISRO Chairman - 2017

Sri. Oommen Chandy

Former Chief Minister of Kerala - 2004

Sri. P Sathasivam

Former Governor of Kerala - 2018

Dr M B Athreya

2004

Dr E Sreedharan

Principal Advisor DMRC - 2013,2019

Dr G Madhavan Nair

Former Chairman, ISRO - 2007

Smt. Sheila Dikshit

Former Governor of Kerala - 2014

Sri. K. Karunakaran

Former Chief Minister of Kerala - 2001

Sri. A K Antony

Former Defence Minister of India - 2001

Sri T K A Nair IAS

Adviser to Former Prime Minister of India - 2011

Padma Shri Dr Kota Harinarayana

Distinguished Scientist, DRDO - 2017

Padma Shri Nalli Kuppuswami Chetti

2017

Sri V N Rajasekharan Pillai

Former Vice Chairman, UGC - 2011

Swami Dr Parthasarathy

Chairman, United Nations Economic Planning Forum - 2010

Sri Sriram Bharath

2008

Dr Kasthoorirangan

Former Chairman, ISRO - 2009

Dr A Shivathanu Pillai

BrahMos chief - 2009

Vice Admiral Sunil K Damle

Flag Officer, Commandor in Chief Southern Naval Command - 2009

Renjith Maheshwary

Indian Triple Jumper - 2024

Dr. Vijay Vaidyanathan

Founding Chair · University of North Texas - 2024

V S Surekha

Indian Pole Vaulter - 2024

Vice Admiral Sunil Anand

AVSM NM (Controller of Logistics, Indian Navy) - 2019

Dr K Sivan

Director, Vikram Sarabhai Space Centre - 2017

Dr Tessy Thomas

Project Director (Agni IV Missile), DRDO - 2013

Dr Seetharam Gurumoorthy IAS

Former Addl Chief Secretary - 2006

Dr N S Ramaswamy

Former Director IIM, Bangalore - 2011

Prof. K Kannan

Vice-Chancellor Central University, Nagaland - 2007

Mini Ulanat

Vice-Chair, IEEE WIE India Council Committee - 2024

Dr. R Velraj

Vice Chancellor -Anna University 2023

Dr N Gopalakrishnan

Scientist and Former Hon. Director of Indian Institute of Scientific Heritage - 2011

Prof. Thomas J Delong

Director, Harward Business School - 2002

Sri. R Sreedharan

Vice President, L&T Info city - 2006

Dr S S N Moorthy

Chairman of Central Board of Taxes - 2007

Dr Achuthsankar S Nair

Director of Bio Informatics, University of Kerala - 2014

Mr David B Durocher

IEEE IAS President - 2014

Sri. Venu Rajamony

Ambassador of India to the Netherlands - 2015

Sri. N RaviChief Publisher, The Hindu Group

Chief Publisher, The Hindu Group - 2017

Dr Saji Gopinath

CEO, Kerala Startup Mission - 2017

Dr Shibulal

C O O, Infosys - 2010

Dr Prema Panduranga

2008

Sri Rajendra Damodara Yenkanamoole

Founder Vasudeva Kriya Yoga, Melbourne - 2020

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B.Tech in Mechanical Engineering

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Awards & Accolades

IEEE IAS Humanitarian Award Contest - 2024

ASME ASIET Student Section Bagged Two Awards - 2024

ASME India Faculty All Star Supporter Award

ASIET bagged Rudhirasena award from KTU

Best NSS Volunteer

IEEE State Level Project Competition Winners

Teaching 2.0 Award

Best Woman Researcher Award

All India Professors Cricket Tournament

IEEE Kochi Sub Section Award - 2023

IEEE SB Asiet Has Received Outstanding Student Branch

Selected for Republic Day Parade

Best stall award - 2024

Chief Minister Scholarship Award

Second Runner Up In KTU D-Zone Kho Kho Mens Tournament - 2023

APJ KTU Volleyball Championship (Women) - 2023

Googlethon Competition Winner-2023

KTU D-ZONE Inter Collegiate Volleyball Championship - 2023

Selected for KTU D Zone Badminton Team -2023

ASIET received LEAP recognition from the Kerala Startup Mission

Award for outstanding work in the field of education

IEEE SB ASIET won a grant of USD \$3216 for LAARC from IEEE USA

NSS National Award - College

NSS National Award - Program Officer

IEEE IAS Humanitarian Contest Award - 2023

National Education Excellence Award

Signed a MOU with ASAP Kerala and Adi Shankara Engineering College

Best College in India Award

IEEE Regional Exemplary Student Branch award 2022

APJAKTU NSS Award 2021-22 for best volunteer

Appreciation awards from APJAKTUNSS CELL for NSS National Award

Signed MOU with MG University

Outstanding Branch Counselor Award

National level SEEM award

Entrepreneurship Enabler Award 2018

Year Awards 2024 Appreciation award for coordination of blood donation activity in Ernakulam district 2024 Appreciation award for the participation in Project Ganitham ,an online tuition program for school students 2024 Recognition of our product uFarms powered by Teqard Labs Pvt Ltd incubated at Adi Shankara TBI 2024 Outstanding Humanitarian Student Volunteer award. 2024 Outstanding Student Branch Counsellor Award 2024 Project Smart Energy Metering System got selected for the MSEM Idea Hackathon 3.0 (for Women) 2024 Outstanding Student Branch Award. 2024 Appreciation award Cochin for the coordination of standard club activities 2023 Certificate of appreciation. From RBTC for organizing a voluntary Blood Donation Camp 2023 State level appreciation for the exemplary service towards the coordination of District Level Quiz Competition. 2023 Certificate of recognition-IEDC in ASIET as a Technology business incubator (TBI) 2023 The best Project award "Virtual Screen for Night Driving,"Srishti. 2023 Certificate of Achievement for organizing and coordinating project Ganithham 2023 Special appreciation for organizing State Level ENERGY CELL Annual Meet 2022 The best regular blood donor award. 2022 Accepted the Project proposal" AI Based Message Transmission and Reception System Using Visible Light" 2022 The best NSS Volunteer of Kerala. 2022 The best 'COVID WARRIOR' Kerala award 2022 The best regional Coordinator of Rudhirasena 2022 NSS volunteers received 'Sparsam Award' 2021 Global Education Skills MSME and Entrepreneurship Leadership Award 2021 OSM Cartographer Best College Award 2019 Certificate of completion of AQMS (Automatic Queue Management System) product. 2019 Swatch Bharath Award

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ASIET In Media

ASIET In Media

ASME India Faculty All Star Supporter Award

Blood Donation Award for ASIET

Residential Camp at ASIET

Device To Find People Trapped Underground

Agriculture And Educational Project

Electricity Consumption Device Developed by Students

Hydrogen Generating Device Developed by ASIET Students

Students Renovated the Public Library

Youth Debate At ASIET

Patent For Life Saving Idea

Ten Years of Vidyuth

Faculty Granted Patent

Portfolio Management Seminar

Financial Assistance from MSME Idea hackathon 3.0

Youth Parliament Inauguration

Inauguration of Brahma-24

Brahma-24

Two Day Training Program on Innovative Projects for Energy and Water Conservation in Household Agricultural Sectors

Launching of National Cyber Resource Center

23rd Athletic Meet

All India Professors Cricket Tournament

Selected for Republic Day Parade

Chief Minister Scholarship Award

ATAL FDP

Selected To University Team

Conducted Debate

APJ KTU Volleyball Championship 2023-2024(Women)

Abhyudaya23

KTU D-ZONE Inter Collegiate Volleyball Championship 2023-24

ASIET is Recognized by the Kerala Startup Mission

Meri Maati Mera Desh campaign

Mega CPR Training

Upanayana - 2023

Granted a Research fund of Rs. 2.98 Crore from MeitY

NSS National Award

Electric vehicle charging device developed by electrical students

Solar panel cleaning device developed by Mechanical Students

Aspren -23

Gamethon Contest

Adi Shankara won awards in the field of blood donation

Source destruction campaign against dengue fever organized by Adi Shankara

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Contact Person Details

Title: Dr. First Name: M S Last Name: Murali Address: Adi Shankara Institute of Engineering & Technology Designation: Principal Town/cit/village: Kalady State/UT: Kerala District: Ernakulam STD Code: 0484 Land Phone Number: 0484-2463825 Fax Number: 0484-2463828 Cell Number: +91 9880855302 Email Address: principal@adishankara.ac.in

Organization Details

Title of the parent organization: Adi Sankara Trust Organization Trust
Registered with Govt Registration date 30/07/1998 Registration number 90/1998
Organization Address Vidya Bharathi Nagar, Mattoor road, Kalady PIN 683574
Organization Website www.adishankara.ac.in

Land Details

Location Kalady Total area in acres 10 Land registered with Govt Date of registration 30/07/1998 Ownership Details Gift Deed Land use certificate issued by Village Officer Land use certificate issued date 4/11/2000

Latitude(North/South) NORTH Latitude Degree 10 Latitude Minute 10 Latitude Second 41

Longitude(East/West) East Latitude Degree 76 Latitude Minute 25 Latitude Second 49

Institution Details

Name of the institution Adi Shankara Institute of Engineering & Technology
Address of the institution Vidya Bharathi Nagar, Mattoor, Kalady, Ernakulam
(Dist), Kerala Town/City/Village Kalady State/UT Kerala District Ernakulam AICTE
Region South-West PIN 683574 Approval Year of First Course 2001 Date of First
Approval by AICTE Letter 13/07/2001 Bank Name Bank of Baroda Bank Account Number
62560200000040 Do you wish to change institution name? No Do you wish to change
institution site address? No Bank IFSC Code BARB0VJMATT PAN AABTA0123D
Institution Type Unaided-Private Any un-aided course? No Women Institute No Do
you wish to change to Co-Ed? No Minority Institute No STD Code 484 Land phone
number 0484-2463825 FAX number 0484-2463828 Primary Email
principal@adishankara.ac.in Alternate Email info@adishankara.ac.in Website
www.adishankara.ac.in AICTE File Number SOUTH-WEST REGION/1-3327491437/2017/EOA

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Adi Shankara Institute of Engineering & Technology is approved by the All India Council for Technical Education (AICTE), New Delhi, and Affiliated to the APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram. The links below gives the proof and details of the orders of both AICTE and KTU regarding the same for those interested in the college's credentials.

AICTE KTU AICTE EoA Reports 2024-25 KTU Provisional Order 2024-25 AICTE EoA Reports 2023-24 KTU Provisional Order 2023-24 AICTE EoA Reports 2022-23 KTU Provisional Order 2022-23 AICTE EoA Reports 2021-22 KTU Provisional Order 2021-22 AICTE EoA Reports 2020-21 KTU Provisional Order 2020-21 AICTE EoA Report 2019-20 KTU Provisional Order 2019-20 AICTE EoA Report 2018-19 KTU Provisional Order 2018-19 AICTE EoA Report 2017-18 KTU Provisional Order 2017-18

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The undergraduate programmes at Adi Shankara Institute of Engineering and Technology are affiliated with APJ Abdul Kalam Technological University (KTU), Kerala. The B.Tech degree is a 4-year (8-semester) programme in Engineering and Technology. The institute offers nine B.Tech programmes, with five of these programmes(all eligible programmes - CE, CS, ECE, EEE, ME) being accredited by the National Board of Accreditation (NBA).

The following are the B.Tech Programmes offered by the institute:

B.Tech Programmes	First Year	Intake	Lateral Entry	Intake	Total	Duration	Civil
Engineering *	60	6	66	4	Years	Computer Science & Engineering *	180 18 198 4
Years Computer Science & Engineering (Artificial Intelligence)	60	6	66	4	Years	Computer Science & Engineering (Data Science)	30 3 33 4
Years Electronics & Communication Engineering*	90	9	99	4	Years	Electronics & Biomedical Engineering	60 6 66 4
Years Electrical & Electronics Engineering *	60	6	66	4	Years	Mechanical Engineering *	60 6 66 4
Years Robotics & Automation	60	6	66	4	Years		

Accredited by NBA

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The postgraduate programmes at Adi Shankara Institute of Engineering and Technology are affiliated with APJ Abdul Kalam Technological University (KTU), Kerala. ASIET offers two-year programmes in M.Tech, Master of Computer Applications (MCA), and Master of Business Administration (MBA), each spanning

four semesters.

PG Programmes Department Intake Duration Computer Science & Engineering Computer Science & Engineering 18 2 Years Communication Engineering Electronics & Communication Engineering 18 2 Years VLSI & Embedded Systems Electronics & Communication Engineering 18 2 Years Power Electronics and Power Systems Electrical & Electronics Engineering 18 2 Years Master of Business Administration Adi Shankara Business School 120 2 Years Master of Computer Applications Computer Science & Engineering 60 2 Years

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The institution offers PhD programmes, affiliated to APJ Abdul Kalam Technological University. In addition to the advanced computational techniques, well-equipped laboratories are available for research in various departments. Highly efficient and dedicated research guides are the backbone of our campus research center. The Institute has research centers in the following departments,

Computer Science and Engineering (CSE)

Electronics and Biomedical Engineering (EBE)

Electrical and Electronics Engineering (EEE)

Electronics and Communication Engineering (ECE)

Mechanical Engineering (ME)

Research areas:

Wireless Sensor Networks Fibre Optics

Machine Learning applications

VLSI Design

Signal and Image Processing

Electric Vehicle Technology

Power Electronics

Renewable Energy

Cyber security

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ECE-VLSI & Embedded Systems

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MCA

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Adi Shankara Institute of Engineering & Technology is affiliated to the APJ Abdul Kalam Technology University, Thiruvananthapuram. The university periodically uploads updates and notifications which are important to the affiliated colleges as well the students in their portal. Given below is the link to the KTU portal

[Click here to view KTU Circulars & Announcements](#)

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The International universities that we have existing MOU's with:

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Adi Shankara Institute of Engineering and Technology (ASIET) follow the open and continuous internal evaluation system prescribed by the university. This document provides information on the redressal policy related to any sort of grievances raised by the students in connection with the internal examinations conducted at ASIET.

ASIET is committed to provide unbiased and transparent educational facilities to all its students. As a part of it, the internal examination conducted by the institution is fair and unprejudiced. Students are given ample chances to raise any grievance related to the conduct of internal examinations and the evaluation of answer scripts.

Objectives and Functions

Establishing procedures and guidelines for assessing and evaluating examination results.

Scheduling and monitoring the quality of internal examinations conducted at the institute level.

Safeguarding the integrity and quality of the examination procedures.

Moderating the question papers for examinations.

Taking appropriate actions against any instances of misconduct during examinations.

Ensure a bias free environment for all the internal evaluations.

Policy Document

Report

Committee Members

Dr. Dhanasekar K

Professor & HOD, Dept. of CE

Sreedevi R Krishnan

Assistant Professor, Dept. of CSE

Philip C Jacob

Assistant Professor, Dept. of RA

Prasanth P Menon

Assistant Professor, Dept. of ECE

Dr. Shyni Shajahan

Assistant Professor, Dept. of CSE

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ramu.ec@adishankara.ac.in 9495838678 Member 3 Dr. Silpa P A, EBE
shilpa.eb@adishankara.ac.in 9544113016 Member 4 Smt. Sreedevi R Krishnan, CSE
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The Department of Civil Engineering of Adi Shankara Institute of Engineering and Technology has been functioning since 2013. Initially the Department was affiliated to Mahatma Gandhi University, Kottayam. Currently, the department offers a four year B.Tech programme under the affiliation of APJ Abdul Kalam

Technological University (KTU) . The Department has a sanctioned intake of 60 students under the programme. The Department has grown tremendously over the past six years and have three batches of students who have graduated from the Department. This is a professionally run department, focusing on an education system that emphasizes deep learning of the fundamentals, research and entrepreneurship to contribute to society and environment.

Apart from academic courses, the department provides various add-on courses, hands-on training of software, industry incorporated expert talks, seminars and workshops to students as well as the faculty. The department has signed MoUs with various recognized institutions like KKM Soft, which can enhance the knowledge and original thinking of students.

As a never old discipline of engineering, the graduates from the department have a wide choice of career opportunities, right after their course. The students from the department have been placed in core companies like Dalmia Cements, as part of campus placements. Apart from the private companies, the job opportunities in public sector jobs, like Railways, SAIL, NTPC, BPCL, PWD etc. are higher when compared to other streams of engineering.

Currently, the department has a strength of 225 students across the four batches, backed up by faculty who have completed their post graduations and PhDs from elite institutions like IITs and NITs. The department has well equipped laboratories and computing facilities to aid the students and faculties in research work and consultancy services.

Vision

To emerge as a centre of excellence in Civil Engineering with global perspectives

Mission

To impart quality professional education so that the students emerge as a competent professional in the area of civil engineering.

To promote innovative thinking and lifelong learning in budding engineers.

To produce civil engineers who have imbibed ethical values to serve the society and nation.

Program Educational Objectives (PEOs)

Graduates will have a potential to pursue higher studies and research in the field of civil engineering.

Graduates will be able to produce sustainable solutions with professional ethics for real time civil engineering problems.

Graduates will have managerial skills and leadership qualities in execution of civil engineering projects.

Graduates will be able to work with integrity and ethical values.

Program Specific Outcomes (PSOs)

After successful completion of B.Tech in civil engineering, the students will be able to:

Check the feasibility and sustainability of civil engineering projects by conducting geotechnical investigation, civil engineering survey and environmental impact assessment.

Analyse and design buildings, hydraulic structures and water distribution, waste

management and transportation systems.

Execute civil engineering projects with their knowledge in estimation, project management, construction materials and technologies

NEWS

Unstainable Practice in Concrete Technology

Jul

05

technical webinar on "sustainable practice in Concrete Technology

National Board of Accreditation

May

25

It's a moment of pride the Department of Civil Engineering is accredited by the NBA

NBA

May

25

It's a moment of pride the Department of Civil Engineering is accredited by the NBA

DEPARTMENT OUTREACH

Mar

23

n connection with KPMC- KTU funded project, Civil Engineering Department, ASIET recieving initial payment cheque from KTU Vice Chancellor. Venue: Industrial minister P Rajeev's office.

Environment Day Quiz

Jun

05

TALK ON GATE AND OTHER COMPETITIVE EXAMS AFTER ENGINEERING

Feb

03

Talk by Placement Cell, Department of Civil Engineering in association with R.U.B.I.X Academy on "GATE AND OTHER COMPETITIVE EXAMS AFTER ENGINEERING" as a part of talk series "AFTER ENGINEERING"

CONGRATULATIONS..

Feb

03

SITE VISIT BY FACULTIES

Feb

03

Tie up between department and Water Resources Department, Kerala

CONGRATULATIONS TOPPERS OF S6 EXAMS

Feb

03

CONGRATULATIONS TOPPERS OF SIXTH SEMESTER EXAMINATION

CONGRATULATIONS TOPPERS

Jan

13

AFTER ENGINEERING

Nov

27

UPSC AFTER ENGINEERING

ASIET WORKING TOGETHER WITH GOVERNMENT ON LSGD PROJECTS

Nov

24

PLACED IN TCS

Nov

15

Congratulations on being placed in TCS

COLLAGE MAKING COMPETITION

Oct

28

CHAKRAVYUH- QUIZ COMPETITION

Aug

12

Department of Civil Engineering in association with "Adikara" presents to you, an online quiz competition 'CHAKRAVYUH 2020'.

WEBINAR SERIES ON SUSTAINABILITY IN INFRASTRUCTURE DEVELOPMENT- DAY 1

Jul

13

WEBINAR SERIES ON SUSTAINABILITY IN INFRASTRUCTURE DEVELOPMENT

Jul

13

VYUHA - WINNERS ARE ANNOUNCED

Jul

11

Here are the cash prize winners of Vyuha 2020, Nationwide Technical Oriented Fest. Congratulations.

VYUHA

May

11

VYUHA, First technically oriented Online Festival in association with Adikara

What Our Students Say

Keerthy Sivadasan

Estimation Engineer, Dynamic Broadview Roofing India Pvt.Ltd, Australia

My life at Adishankara made me stronger and took me a step ahead for being independent women. I am thankful to all the teachers who supported us and corrected us throughout our bachelors. I loved the atmosphere of Adishankara and its campus life. The events that I took part helped me to grow my confidence level

Gayathri P Nair

Civil Estimation Engineer, Al Avon Contracting LLC Dubai, UAE

My decision to become a civil engineer has become a reality because of ASIET. It made me stronger and took me a step ahead for being a successful Civil Engineer. I am thankful to all the teachers who supported us and corrected us throughout our bachelors. I loved the infrastructure of the institution and its student oriented academics. All the trainings and Industrial Visits that I took part in helped me to grow my confidence level. I would especially like to specially thank the placement cell of the civil department for guiding me and providing me with good nurturing for my corporate career.

Department Advisory Board

Mohsin Backer

Roads & Bridges Development Corporation of Kerala Ltd, Ernakulam, Kerala, India

Dr. Sajeeb R

Professor, Department of Civil Engineering, TKM College of Engineering, Kollam, Kerala, India

Geeja K George

Associate Professor, Mar Athanasius College of Engineering, Kothamangalam,

Kerala, India

Jyothish Reghu Mohan

Area Engineer, NMDC, Abu Dhabi, UAE

The Department of Civil Engineering offers

B.TECH IN CIVIL ENGINEERING

National and International Student Chapters

Institution of Engineers

Indian Concrete Institute

Program Specific Outcomes (PSO)

PS01 :

Create the feasibility and sustainability of civil engineering projects by conducting geotechnical investigation, civil engineering survey and environmental impact assessment.

PS02 :

Analyse and design buildings, hydraulic structure, water distribution, waste management and transportation systems.

PS03 :

Execute civil engineering projects with their knowledge in estimation, project management, construction materials and technologies

Programme Outcome (PO)

P01. Engineering knowledge :

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

P02. 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.

P03. 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.

P04. 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.

P05. 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.

P06. 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.

P07. 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.

P08. Ethics :

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. Individual and team work :

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. 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.

P011. 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.

P012. Life-long learning :

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

The students of the Department are privileged with experienced faculties and skilled technical staff, who mould the students academically sound and make them ready for industrial exposure. The Department includes seventeen faculties who have completed their PG and Ph.D from elite institutions such as IITs and NITs, with some pursuing their Ph.D programmes in various institutes. The faculties also have attained experience from reputed industries.

Dr. Dhanasekar K

Head of the Department

Dr. P K Suresh

Senior Professor

Dr. A N Swaminathan

Professor

Dr. Parameswaran T G

Associate Professor

Dr. Aneesh P C

Assistant Professor

Jyothi Lekshmi R

Assistant Professor

Gisha George

Assistant Professor (On Leave)

Abin Joy

Assistant Professor

Abishek Kumar A A

Assistant Professor

Akhila Vijayan

Assistant Professor

Shabnum Suhura Shamsudeen

Assistant Professor (On Leave)

Reema Pius

Assistant Professor

Harshananda T N

Assistant Professor

Clydin P A

Assistant Professor

Dona Joy

Assistant Professor

Rosmin Thomas

Assistant Professor

Veena S Kumar

Assistant Professor

Anna Varghese

Assistant Professor

Chithralekha V Dev

Assistant Professor

Rejani

Lab Instructor

Mony P N

Lab Instructor

Sathi M K

Lab Instructor

Sunitha V R

Lab Instructor

Sreeja T S

Lab Instructor

Parthasarathy P.N

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

COMPUTER AIDED CIVIL ENGINEERING LABORATORY

MATERIAL TESTING LABORATORY

FLUID MECHANICS LABORATORY

TRANSPORTATION LABORATORY

GEOTECHNICAL ENGINEERING LABORATORY

ENVIRONMENTAL ENGINEERING LABORATORY

SURVEYING LABORATORY

MATERIAL TESTING LABORATORY 2

DEPARTMENT CONSULTANCY WORKS

DEPARTMENT CONSULTANCY LAB

About Research:

Research is the systematic and comprehensive study of various factors related to materials and sources in order to establish facts and draw new conclusions therefrom. The Department of Civil Engineering focuses on cutting-edge research, with key areas including utilization of waste materials in construction, development of carbon dioxide free concrete, Soil stabilization, water quality analysis, waste management, traffic management,

Research Facilities:

Materials Testing Research Laboratory:

Material Testing Laboratory is a well-equipped laboratory which provides ideas

on the practical knowledge of test several properties of material like ductility, surface roughness, malleability, hardenability etc. Apart from curriculum, some additional experimental setups are there which helps the students to enhance their knowledge. Students also get opportunity to implement their ideas through various application oriented micro projects.

The purpose of establishing this facility : This lab helps the students to enhance their knowledge in various materials testing. Also, Material Testing helps the students to understand and make a well-informed idea on the practical knowledge of test several properties of material like compressive strength, Tensile strength, Flexural strength, Impact strength, etc.

Concrete Testing Research Laboratory:

This is one of the major laboratory for civil engineering as it deals with various construction materials like cement, aggregates, concrete etc. The various machines in the laboratory includes Compression Testing Machine of 2000KN capacity, Concrete vibrator, Specific gravity weigh balance, Compaction Factor Apparatus, Flow Table Test Apparatus, Slump Cones, Tiles Flexural Strength Testing Machine etc,

Research area:

1. Testing of concrete cubes
2. Testing of concrete Cylinders
3. Testing of Cement, Fine aggregate, Course aggregate etc.
4. Testing of beams, Tiles etc.

Geotechnical Research Laboratory:

The Geotechnical Laboratory aids with the various tests of soil strength and compressibility characteristics of soil. The various equipment in the lab includes Compaction test apparatus (light & heavy), Unconfined compression tester. Consolidation apparatus, Direct shear test apparatus, Permeability apparatus, Over-head tank, CBR test apparatus, Vane shear apparatus, Tri-axial test apparatus, Hand operated extractor, High speed stirrer, Liquid limit device, Shrinkage limit set, Sieve set, Sieve shaker motorized with digital timer, Core cutter, Hydrometer and Pycnometer.

Research area:

1. Soil testing
2. Density test
3. Permeability test
4. Direct shear test
5. Consolidation test
6. Liquid limit test
7. Sieve analysis test

Transportation Engineering Research Laboratory:

The Transportation Engineering lab has modern equipment for testing different properties of pavement materials. The equipment in the lab can be used for consultancy work like pavement mix design and testing the quality of materials used in pavement construction. The laboratory consists of CBR Apparatus,

Marshall Stability Test Apparatus, Los Angeles Abrasion Test Apparatus, Aggregate Impact Tester, Aggregate Crushing Value Apparatus, Ductility Testing Machine, Ring and Ball apparatus, Stripping value apparatus, Pensky Martens Apparatus, Standard Tar Viscometer, and Centrifuge Extractor.

Research area:

1. Pavement mix design
2. Crushing value of materials
3. Viscosity and ductility values of bitumen materials
4. Impact test
5. Stripping value test
6. Ring and ball test

Environmental Engineering Research Laboratory:

This laboratory facilitates the students in analyzing and estimating the water quality standards using equipment like Autoclave, Spectro-photometer, BOD incubator, Muffle Furnace, Imhoff Cone, Magnetic Stirrer, Flocculator etc and a wide variety of chemicals.

Research area:

1. Air Quality Management and Pollution Control.
2. Environmental System Modelling.
3. Solid and Hazardous Waste Management.
4. Water and Wastewater Treatment, Reuse and Management.

MONTH & YEAR ACTIVITY NAME DETAILS May 2024 Career guidance talk in association with Choice International Overseas Education PVT The seminar aimed to provide students with valuable information about opportunities for higher education abroad, specifically focusing on engineering disciplines. The experienced speakers discussed global engineering practices, emerging trends, and the benefits of pursuing advanced studies in international universities. March 2024 Fire and safety placement training session The training program for S8 students encompassed various aspects of fire safety, including hands-on sessions dedicated to teaching participants how to use fire extinguishers effectively in real- life scenarios. March 2024 Placement clas s organized by TechMagi During the session, representatives from TechMagi provided detailed insights into different job opportunities available to civil engineers, offering valuable career guidance to the students. March 2024 Technical talk on "Oppurtunities in quantity surveying" On March 11, Shazia Hafsath , a seasoned Quantity Surveyor with over 8 years of experience, delivered a technical talk to eighth-semester students. Drawing from her extensive expertise in managing projects in India, UAE, and Qatar, she provided valuable insights into the opportunities available in the field of quantity surveying. February 2024 Industrial Visit to Ultra Ready mix concrete, Coimbatore and Diamond Cements Pvt Ltd in Palakkad. Students visualized and attained practical knowledge on various processes and equipments employed in manufacturing of concrete. January 2024 Industrial visit hosted by Nitta Gelatin Limited (NGIL) for faculties An industrial visit for the faculties of the department was conducted. The visit was hosted by Nitta Gelatin Limited (NGIL), providing valuable insights into their operations. Throughout the visit, all the faculties received diverse and informative presentations from NGIL, contributing to a comprehensive understanding of their processes. December 2023 Online poster making competition and drawing competition Organized ' Solvair ', an online poster making competition with the

theme 'Clearing the air for future generation' on 6th December 2023. Muhammed Faiz of S5 CE, Adi Shankara Institute of Engineering and Technology bagged first position. Also, organized 'Ecopencilize', a drawing competition with the theme "Festivals without Pollution" on 6th December 2023. Fathimathul Zahra from Jama-Ath HSS, Thandekkad, secured 1st position. December 2023 Seminar on National Pollution Prevention Day On December 8th, 2023 as part of National Pollution Prevention Day, the Department of Civil Engineering hosted a seminar led by Dr. Mini K D, Associate Professor, Department of Zoology, Sree Sankara College, Kalady. The event was coordinated by Ms. Jyothilekshmi R, Assistant Professor of the Department. November 2023 Traffic survey in association with NATPAC A Traffic survey was conducted by NATPAC Thiruvanthapuram from 14/11/2023 to 16/11/2023 in Infopark area, Kakkanad. Students of the department actively took part in the survey. November 2023 Class offering insights into the various aspects involved in the construction process. Solid CAD Institution conducted a class for final-year students, offering insights into the various aspects involved in the construction process. Additionally, they provided a VR experience for the students during the session held on November 17th 2023. September 2023 Quiz competition centered around 'Sustainable Engineering' As part of Engineer's Day, on 15th September, the Department of Civil Engineering at ASIET organized a quiz competition centered around 'Sustainable Engineering.' The coordination of this event was overseen by Nandakishore Namboodiri, Raoof Backer, P A Thariq, Neha Ajayakumar, and Annmole P Averachan from S7, with staff coordinators including Ms. Clydin PA, Ms. Devika B, and Ms. Rosmin Thomas. August 2023 A webinar on "International Education and Career Opportunities" The webinar in association with ASIET and IDP Education was conducted on 26th August 2023. The session was coordinated by Ms. Gisha George, Assistant Professor of the department. May 2023 Placement drive by Viya Constructions, Ernakulam Placement drive for S8 CE students was held on 26th May 2023. Mr. Abin Joy, Assistant Professor, Department of Civil Engineering coordinated the drive. March 2023 CONSULTANCY WORK FOR KOCHI WATER METRO IN ASSOCIATION WITH NATPAC Conducted a 3-day questionnaire survey at Vypeen Ferry Terminal for "Performance Evaluation of Water Metro" as part of consultancy work for NATPAC. Faculty representatives Ms. Jeeva P Winto and Ms. Dona Joy coordinated the survey. Student volunteers of S4 Civil Engineering actively participated. The project focussed on assessing the public's accessibility, convenience and suggestions in the South Asia's own first water metro in Kochi. December 2022 Consultancy work for SABARI rail project in association with NATPAC Conducted 24 hours traffic survey at Muvattuuzha- Kothamangalam route for 3 days as part of data collection by NATPAC for the proposed SABARI rail project. Faculty representatives Ms. Jeeva P Winto, Ms. Shabnum Suhura, Ms. Dona Joy, Ms. Rosmin Thomas and student volunteers from S5 conducted the survey. September 2022 Technical seminar on the topic "Water proofing & insulation and its job opportunities" It was conducted on 28th September 2022 at College Auditorium. The speaker for the session was Mr. M S Sudish, Director of SIWIN - India's first institute to teach water proofing & thermal insulation. The session began with a welcome note by Dr. A N Swaminathan, Associate Professor of the department. Students had an interactive session with the team from SIWIN. September 2022 Research Project in collaboration with KMRC (Kalady Rice Millers Consortium) Dr. Manu S Nadesan, Ms. Jyothilekshmi R and Mr. Eldho Joby Areeckal visited the Pavizham Rice Mills on 2nd September 2022. The department has associated with industry for studying the possibility of utilizing Rice Husk Ash in construction area. The team carried out test on the bricks cast using rice husk ash to study the same. August 2022 Project "Mission Amrit Sarovar - Jal Dharohar Sanrakshan" The students of Department of Civil Engineering, ASIET was selected for the programme under the guidance of a nodal officer. Team consisting of selected students from second semester, fourth semester and sixth semester along with Mr. Aneesh P C (HOD, CE), Mr. Abishek Kumar A A (Assistant Professor, CE), Ms. Shabnum Suhura (Assistant Professor, CE) and Ms. Sunitha V R (Lab Instructor, CE) visited Pashnithodu canal, Edakochi and carried out history and spatio-temporal analyses, hydrological studies, study on conservation of catchment areas, prepared maps of the water body and its surroundings, took photographs that capture the essence of the water body reimagining the areas as a vibrant public space and prepared action plan for its rejuvenation. April 2022 Associating in Operation Vahini Department has associated with Ernakulam District Administration in Operation Vahini which

envisages to clear all the obstructions along Periyar Associating in Operation Vahini and Muvattupuzha rivers and their tributaries before the arrival of monsoon. Mr. Abishek Kumar AA, Assistant Professor is the principal investigator of the project. April 2022 CPRIZE, a merit scholarship exam CPRIZE, a merit scholarship exam initiated by National Council for Technology and Training (NACTET), New Delhi and implemented by Armstech Engineers Private Limited, a mechanical construction company based in Kerala was conducted for final year students on 30th April, 2022. MARCH 2021 SEMINAR ON NEW TRENDS IN WASTE WATER MANAGEMENT A seminar on the topic "New Trends in Waste Water Management" was organized by the Environmental Consultancy Companies Association (ECCA) in association with Kirloskar Brothers Limited on 27th March 2021 at ASIET campus. MARCH 2021 CONSULTANCY WORK FOR INDOMER, Chennai Prof. Suresh P K and Er Aneesh P C, Head of the department, completed a consultancy work for INDOMER Coastal Hydraulics, Chennai on the study on tidal propagation along the outlet channel of Kaluveli lake. A detailed hydrology and tidal study has been carried out for understanding discharge characteristics and tidal propagation along the lake. FEBRUARY 2021 CONSULTANCY WORK ON STUDY OF GBS The Department has received a consultancy project of Five Lakh Rupees, on the study of Granular sub base as Water Retaining Structures. Dr. Manu S Natesan is the principal investigator and Dr. P K Suresh is the co-principal Investigator. The project team also has department faculties Mr. Abin Joy, Ms. Clydin PA and Ms. Reema Pius FEBRUARY 2021 REJUVENATION OF PERIYAR IN TIE UP WITH WRD The Department has tied up with Water Resources Department Kerala to conduct detailed study of river Periyar from Kalady to Edamula with the objective of restoring the water quality of the polluted stretches in river Periyar. The project team is led by Department Head Mr. Aneesh P C and Professor Dr. P K Suresh along with Department faculties Ms. Harshananda T N, Ms. Nitha Abraham and Ms. Shabnum Suhura. FEBRUARY 2021 SITE VISIT TO WATER METRO CONSTRUCTION SITES The students of the department along with faculties visited the construction sites of water metro. The site visit, organized by the Associate Director Dr. Jacob George in tie up with KMRL was an opportunity to bridge industry-academia gap. Ms. Shabnum Suhura, Ms. Akhila Vijayan, Mr. Abishek Kumar A A, Ms. Clydin P A and Ms. Jeeva P Wint o Assistant Professors of the department accompanied students in visiting the construction sites around Vypin, Highcourt and Vytilla FEBRUARY 2021 FACULTY VISIT TO PAVIZHAM INDUSTRIES The Department faculties Mr. Aneesh P C, Mr. Abin Joy and Ms. Jyothilekshmi visited

the Pavizham Industries to understand the various manufacturing process and water treatment process in the industry. The various technical assistance that can be provided by the faculties to industry and the related various research scopes were also discussed during the visit. FEBRUARY 2021 RESEARCH SEMINAR ON STRUCTURAL LIGHT WEIGHT CONCRETE A research seminar on the topic "Structural Lightweight Aggregate Concrete" was presented by Dr. Manu S Nadesan, Associate Professor of the department on 22nd February 2021. The seminar was focused on improving the research achievements along with the teaching excellence of faculties FEBRUARY 2021 FACULTY ENTREPRENEURSHIP AWARENESS PROGRAM A session on the topic "Faculty Entrepreneurship Awareness Program" emphasized on startup opportunities for faculties was organized for the faculties of the department as a part of NISP on 25th February 2021. The session was handled by Mr. Ajay Basil, Assistant Professor, Department of Computer Science. FEBRUARY 2021 NIRF AND ARIIA IN THE PERSPECTIVE OF NEP NIRF AND ARIIA IN THE PERSPECTIVE OF NEP A session emphasized on providing awareness about NIRF and ARIIA Ranking in the perspective of NEP was organized for the faculties of the Department on 18th February 2021. The sessions were handled by Dr. Manu S Nadesan, Associate Professor and Mr. Abishek Kumar A A, Assistant Professor of the Department. JANUARY 2021 RIVER REJUVENATION PROJECT IN ASSOCIATION WITH WATER RESOURCES DEPARTMENT, KERALA The Department has tied up with Water Resources Department, Kerala for studying the water quality of Periyar river, as a part of River Rejuvenation Project. Before the commencement of work, a visit to the river basin was arranged with the officials of Irrigation Department, Ernakulam. Mr. Abishek Kumar A, Ms. Harshananda TN and Ms. Shabnum Suhura visited the project site extending from Kalady to Edamula, Aluva. JANUARY 2020 ACADEMIC EXCELLENCE IN KTU RESULTS The students of the department excelled in IV and VI semester KTU examinations with 73% and 92.06% overall pass percentage. 25 students of IV semester secured more than 8 SGPA. Nearly 60% of 2017-21 batch secured an SGPA

above 8. DECEMBER 2020 SITE INSPECTION Dr. Suresh P.K and Dr. Manu S Nadesan inspected the old block of Sree Sankara College, Kalady, as per the direction from the college management, to study the condition of the building and a preliminary report of the observation was handed over to the management.

DECEMBER 2020 CAREER ORIENTATION TALK Placement Cell , Department of Civil Engineering in association with RUBIX Academy organized a talk on "GATE AND OTHER COMPETITIVE EXAMS AFTER ENGINEERING" as a part of talk series "AFTER ENGINEERING" , focusing on various career opportunities after graduation on 6th December 2020. The speakers Er. Sreejith D K , M.E : IISc Bangalore and Er. Baazil P Thampy PhD* (Data Science): CUSAT discussed various competitive exams, exam patterns and career options after the seexams. The session, streamed through Zoom, was coordinated by Ms. Shabnum Suhura , Placement coordinator of the department.

NOVEMBER 2020 INDUSTRIAL EXPERT TALK Placement Cell, Department of Civil Engineering organized a talk on "UPSC AFTER ENGINEERING" as a part of talk series "AFTER ENGINEERING" , focussing on various career opportunities after graduation on 27th November, 2020. The session, handled by Er. Mohammed Shinas, Director, iLearn IAS Academy , discussed various demands of UPSC Civil Service examination. The session, streamed through google meet, was coordinated by Ms. Shabnum Suhura, Placement coordinator of the department.

NOVEMBER 2020 ONLINE COURSES THROUGH ASDA Adi Shankara group of Institutions launched Adi Shankara Digital Academy(ASDA) on 27th November 2020, which was inaugurated by Honourable Vice President of India, Dr. Venkaiyah Naidu . As a part of this new venture, the department is offering a 16 hour course on Fundamentals of Vedic Vaastu Shastra . The course is handled by department faculties Dr. Manu S. Nadesan and Ms. Shabnum Suhura .

NOVEMBER 2020 FACULTY INTERACTION The faculties of the department had an interactive session with the expert in Vaastu Shashtra, Dr. Nishanth Thoppil and had a discussion over the importance of Vaastu in modern construction world.

OCTOBER 2020 INDUSTRIAL EXPERT TALK The Department of Civil Engineering organized an "Industrial Expert Talk" as part of Orientation Program for Fresher's on 16th October 2020. The resource person for the session was Er. Dino Mani Vithayathil, Project Management Consultant, KITCO Ltd.

OCTOBER 2020 ALUMNI TALK The Department of Civil Engineering organized an "Alumni Talk" as part of Orientation Program for Fresher's on 16th October 2020. Er. Rohith P and Er. Afra A R 2019 , shared their experiences within the campus as well as in the field of Civil Engineering to the fresher's.

OCTOBER 2020 ORIENTATION PROGRAM FOR FRESHER'S, 2020 An orientation program was conducted for B.Tech 2020-2024 Batch students with the objective of giving the fresher's an overview about the history, various branches, job prospects and significance of the field of Civil Engineering.

OCTOBER 2020 COLLAGE MAKING COMPETITION ON SUSTAINABILITY A Collage Making Competition on "Sustainability" as part of World Sustainability Day was organised by the department for creating awareness among the public about the importance of sustainable development. under the coordination of Ms. Clydin P A , Assistant Professor of the department and Aneendra Anil, Niya Thomas and Surya K S, students of 2019-2023 Batch as student coordinators.

OCTOBER 2020 ACADEMIC EXCELLENCE IN KTU RESULTS The students of the department excelled in VIII semester KTU exams with 100% pass percentage. An SGPA of 10 was secured by 9 students and 73% students secured an SGPA above 8. S Gladis topped the position in the BTech programme with a CGPA of 9.27, followed by Jananipriyanka P.R (CGPA 9.11) and Dinu Scaria (9.04).

OCTOBER 2020 Industrial Webinars The Department of Civil Engineering in association with Industry Institute Partnership Cell (IIPC) organized industrial webinars on the topic "Industrial Structural Analysis and Design in General" , handled by Er. Dilip Chandran, Structural Engineer, Dynaxcel Engineers Pvt. Ltd., Bahrain. The second session was organized on the topic "Future of Energy" on 19th September 2020 by Mr. Stephen Babu, Assistant Manager, Hindustan Petroleum Corporation Limited.

August 2020 CHAKRAVYUH The Department under the coordination of Third semester students conducted online general quiz competition on August 15 with Participation over 350 contestants across the country.

August 2020 VIGHNANA The Department under the coordination of Fifth semester students conducted online technical quiz competition on August 15 with Participation over 900 contestants across the country.

July 2020 Webinar Series on "Sustainability in Infrastructure Development" The department of Civil Engineering organised a Webinar Series on the topic "Sustainability in Infrastructure Development" from July 13th to 27th 2020.

June 2020 End to Vyuha, Nationwide Technical Fest

Conducted from May 8th to June 10th with immense nationwide participation, the event focused on showing the inner spirit to fight against the COVID 19 pandemic. It showcased the inner talents of more than 200 school as well as college students across the country for the six events namely Crafterina, Artistry, Kids Shoot, Lenstrax, IdeaQ and Invoptic. June 2020 A Lending Hand Through Civilians Care As a part of Civilians Care , an initiative under the banner of Friday's for a Change, the final year students of the Department raised fund and contributed a tablet to a student of SNDP School, Kottamam, on the light of online classes being conducted due to COVID 19 pandemic. The student, with physical and financial concerns was selected after consulting the school authority and the tablet was handed over to the family by the students, in the presence of college faculty and the school Principal in Charge. May 2020 A Lending Hand Through Civilians Care As a part of Civilians Care , an initiative under the banner of Friday's for a Change, the final year students of the department raised fund and contributed a tablet to a student of SNDP School, Kottamam, on the light of online classes being conducted due to COVID 19 Pandemic. The student, with physical and financial concerns was selected after consulting the school authority and the tablet was handed over to the family by the students, in the presence of college faculty and the school Principal in Charge. May 2020 Semester I Academic Excellence In KTU Results 2019 The results of KTU examination for the Semester I during the month of December, 2019 was declared by the university. The students of the department have excelled in the exams with many of the students having scores above 8 CGPA. Saniyamol A. A. (SGPA - 9.65) topped the position in the semester. May 2020 Civil Webinar Department Of Civil Engineering in association With Intercad, conducted A Webinar on "Introduction To Visualization And Rendering Using 3DS MAX" on 20th May 2020. The Webinar Focused On Introduction To 3DS Max, Modelling, Modifying Models, Modelling The Building Using AEC Extended Object And Importing Model. April 2020 Academic Excellence In KTU Results, 2019 The results of KTU examinations for the semesters III, V and VII during the month of December, 2019 are declared by the university. The students of the department have excelled in the exams with many of the students having scores above 8 CGPA. Janani Priyanka (SGPA- 8.93) of eighth semester, Arathy Surendran (SGPA- 9.54) of sixth semester and Sandra Sasi (SGPA- 9) of fourth semester topped the position in their respective semesters VII, V and III. Prof. Ann Mary Paul, Assistant Professor of the department secured 100% pass percentage for the subject Environmental Impact Assessment of VII semester. Prof. Jyothilekshmi R and Prof. Angitha Sasidharan, of the department also secured 100% pass percentage in fifth semester subjects Geotechnical Investigation and Disaster Management respectively. February 2020 Virtual Reality Workshop . A workshop on virtual reality was conducted by Heptals Innovations and Technology, Kalamassery for students. The demonstration on Virtual Reality as well as Augmented Reality was given to students. February 2020 Rebuilt Kerala Initiative A team of staff and students of the Department conducted soil testing on a Kalady Panchayat Construction site. The team was guided by the faculties of the Department Mr. Abishek Kumar, Ms. Jeeva P Winto and Ms. Akhila Vijayan January 2020 Design software training course on STAAD. Pro Conducted for the 6th semester students of the department from 13th January 2020 to 18th January 2020. The training was provided as a part of ASAP January 2020 Training course of project management software Primavera P6 Professional R16.1 Conducted as a part of ASAP from 6th January 2020 to 10th January 2020. The training was provided for the 8th semester students of the department. January 2020 Industrial visit Organized for 2nd Semester students of the department to Mattupetty dam and Kundala dam on 18th January 2020. Prof. Aneesh P C and Prof. Chithra C J accompanied the students for the visit. January 2020 Rebuilt Kerala Initiative A team of staff and students conducted a road survey undertaken by LSGD as a part of "Rebuilt Kerala Initiative". The team was guided by Dr. Manu S Nadesan and Prof. Abin Joy. The survey work was carried out from 13th January 2020 to 17th January 2020 in the flood affected area of Kalady Panchayat. Prof. Aneesh P C and Prof. Abin Joy attended the review meeting of LSGD roads - Rebuilt Kerala Initiative at Govt. guest house, Thycaud, Trivandrum on 15th January 2020.

PEDAGOGICAL INITIATIVES

Faculty members of the department follows innovative methodologies in the teaching learning process in addition to the conventional methods like, Blackboard teaching, sharing learning materials and interactions in every class. These innovative methods employed helps the students to get actively involved in the process.

Major objectives of the use of innovative methods in teaching learning process include

- 1.To impart quality education through the use of modern technology
2. To make use of the virtual learning platforms for a better learning experience
3. To provide opportunities for the students to interact with the outside world and get updated with the practices in industry
4. To develop design thinking ability in students

PEDAGOGICAL INITIATIVES

Placement Details

Month & Year Student Achievement June 2024 Sarath M P of S8 Placed at Mane Kancore, a natural ingredients manufacturers. June 2024 Raoof Backer of S8 Placed at Zydex industries. June 2024 2020 - 2024 Batch students Excelled in the KTU Eighth Semester University Examinations with an overall pass percentage of 91.83%. March 2024 Chaitanya C R, Annmole P Averachan, Anakha Sivankutty, and Neha Ajayakumar Got placed in the company Aarbee Structures. March 2024 Leo Benny and Abin Joseph, both eighth-semester students Secured the second position in the Tech quiz held at Rajiv Gandhi Institute of Technology in Kottayam February 2024 Leo Benny of S8 CE Secured the first position in the Draft craft dash event of Brahma'24 January 2024 Ms. Sandra Sasi and Mr. Rejith PR, 2018-22 batch Granted the Chief Minister Scholarship. This prestigious accolade underscores their outstanding academic accomplishments and notable contributions throughout their academic journey. January 2024 Sheetal K, from S8 CE Actively took part, contributing to the ASIET team's remarkable achievement in securing the first position at the Fashion Show hosted by Carnival 2024 at Yeldo Mar Baselious College, Puthuppady. December 2023 Ms. Rumaisa Sidhik S7 CE, Ms. Aparana K M S5 CE, Ms. Amrutha C M S3 CE and Ms. Gopika Shanavas S3 CE Received PTA Award of excellence as the academic toppers in the Sixth, Fourth and Second semester for the results published by APJ Abdul Kalam Technological University in the year 2023. August 2023 Nandhakishore Nambhoodiri, Sarath M P, Leo Benny, Muhammed Ansil M A, Denna Babu Attended an "INTERNATIONAL CAREER CONCLAVE" at Le Meridien, Kochi presented by CADD INTERNATIONAL. July 2023 Batch 2019 - 2023 students University results of semester 8 - Batch 2019 - 2023 achieved outstanding results with a pass percentage of 97% July 2023 Surya K S and Saniyamol A A Secured fifth and seventh position in APJAKTU B.Tech (CE-BATCH 2019-23) examination. May 2023 Students of S2 CE Completed an internship based on Building Forensics in Torc Info Tech situated at Fort Kochi April 2023 Ms. Anjanamol Jose of S8 Received Best NSS volunteer Award in APJAKTU NSS CELL award distribution ceremony held at Udaya Palace, Trivandrum. April 2023 Ms. Ashila Anil, S8 CE Placed at Navalt Solar and Electric Boats Pvt Ltd. March 2023 Ramkumar S, Martin Baby, Vishnu Raju, Krishnadas P M, Niya Thomas, K A Afsal, Fathima Noura, Niranjan Krishnan Academic projects got selected for KTU CERD students project funding. March 2023 Sana Sudheer and T P Vishnu of CE 2019-2023 BATCH Successfully qualified The Graduate Aptitude Test in Engineering(GATE), 2023 in their first attempt. March 2023 Jenifer PJ of S4 CE Won second prize in JAM (just a minute) and second prize in RJ hunt for BRAHMA national and cultural technofest 2023. March 2023 Abhinav C P of S4 CE Won first prize in Doodle art competition for BRAHMA national and cultural techno fest 2023. March 2023 Chaithanya CR and Rumaisa Sidhiq Completed MOOC course on the topic "Expansive soil" on 26th march 2023. March 2023 Blesson Poulose of S8 Completed MOOC course on the topic " Scheduling Techniques in Projects". March 2023

Fathima Noura, Amina Yasir, Zameen Shamjad of S8 Bagged 2nd prize for Brahma'23-Theme Show conducted on 30th March 2023. March 2023 Abhishek Anilkumar of S2, Amith Lal & Blesson Poulse of S8 Secured first position in Brahma'23: treasure hunt game January 2023 Ms. Anjanamol Jose of S8CE Selected as best NSS volunteer university level for the academic year 2022-23. January 2023 Amrutha Mani, M B Syam Krishna, T P Vishnu, Ashila Anil, Abhirami K R of S7 CE and Godwin Shaju of S3 CE Successfully attended two workshops on "Basics of AUTOCAD & SKETCHUP" and "Self Driving Electrical Vehicles" organized by TECHMAGHI in association with KSHITIJ, IIT KHARAGPUR. December 2022 Ms Annmole P Averachan and Ms Anagha Sivankutty of S5 Bagged second position in the event "Archeo" - ASHWAMEDHA '22 December 2022 Sanjay PS, Vidhyadhar Prabhu and Bestin Johnson of S3 Secured third position in the event "Tic Tac Toe" - ASHWAMEDHA '22 December 2022 Ms. Jenifer PJ of S3 CE Secured second position in the event "JAM" - ASHWAMEDHA '22 held on 22nd December 2022. September 2022 Ms. Aarsha C S of 2018-2022 batch Secured placement at Larsen & Toubro. August 2022 Ms. Anjanamol Jose of S6 Received special appreciation award for coordination of Blood cell activities of APJAKTU NSS Cell in Ernakulam District. August 2022 Ms. Krishnendu T S, Ms. Sandra Sasi and Ms. Sruthi Krishna Published a Journal on the topic "Analysis and Design of bridge using a Computational tool" in the "International Conference on Emerging Research Trends in Civil Engineering". August 2022 Ms. Sana Sudheer, Ms. Saniyamol A A and Ms. Surya K S Published Journal on "Review on applications of Geotechnical Instrumentation in dams" in the "International Conference on Emerging Research Trends in Civil Engineering".

S L NO DATE NAME OF THE STUDENT EVENT VENUE/ INSTITUTE GRADE 1 13/05/2022 Athulya. M.R THIRUVATHIRA ASIET, Kalady First 2 13/05/2022 Athulya. M.R KAROAKE SINGING ASIET, Kalady First 3 13/05/2022 Aiswarya.S.Shenoy STREET DRAMA ASIET, Kalady First 4 20-05-2022 Adhila. T. Kabeer CIVIGNANA ASIET, Kalady Participation 5 13/05/2022 Adhila. T. Kabeer MEHANDI ASIET, Kalady First 6 21/05/2022 Alan Johnson THEMESHOW ASIET, Kalady Participation 7 13/05/2022 Binslet Biju THEMESHOW ASIET, Kalady Second 8 21/05/2022 Binslet Biju THEMESHOW ASIET, Kalady Participation 9 20/05/2022 Anjana Das SCRAP TO CRAFT ASIET, Kalady Participation 10 13/05/2022 Aparna K M THEMESHOW ASIET, Kalady Second 11 20/05/2022 Aparna K M SCRAP TO CRAFT ASIET, Kalady Participation 12 20/05/2022 Rahila Beevi SCRAP TO CRAFT ASIET, Kalady Participation 13 20/05/2022 A Vidhyadhar Prabhu VOICE OF BRAHMA ASIET, Kalady Second 14 13/05/2022 A Vidhyadhar Prabhu ADVAIYAH ASIET, Kalady First 15 20/05/2022 A Vidhyadhar Prabhu BAND OF BRAHMA ASIET, Kalady Participation 16 13/05/2022 Sanjay P.S ADVAIYAH ASIET, Kalady Second 17 20/05/2021 Sanjay P.S MIME ASIET, Kalady Second 18 21/05/2022 Abhimanyu K THEMESHOW ASIET, Kalady Participation 19 20/05/2022 Agna A A CIVIGNANA ASIET, Kalady Participation 20 21/05/2022 Athul C Rajan THEMESHOW ASIET, Kalady Participation 21 20/05/2022 C J Jayalakshmi CIVIGNANA ASIET, Kalady Participation 22 20/05/2022 Farha Fathima T A CIVIGNANA ASIET, Kalady Participation 23 20/05/2022 Harisankar K CIVIGNANA ASIET, Kalady Participation 24 20/05/2022 Faize Hussain CIVIGNANA ASIET, Kalady Participation 25 20/05/2022 Dhanush T N CIVIGNANA ASIET, Kalady Participation 26 21/05/2022 Muhammed Althaf P A THEMESHOW ASIET, Kalady Participation 27 20/05/2022 Muhammed Faiz ARKIO ASIET, Kalady Participation 28 30-03-2023 Sandra A S RAAGAM ASIET, Kalady Participation 29 20/05/2022 Sandra A S CIVIGNANA ASIET, Kalady Participation 30 13/05/2022 Syam Govind ADVAIYAH ASIET, Kalady Second 31 20/05/2022 Vishnu Mohan ARKIO ASIET, Kalady Participation

SL NO DATE NAME OF THE STUDENT EVENT VENUE/ INSTITUTE GRADE 1 21-08-2021 Anakha Sivankutty MAZE RUNNER ASIET Kalady Participated 2 21-08-2021 Anakha Sivankutty CROSS WORD- LAYAM 2K 21 ASIET Kalady Participated 3 21-08-2021 Annmole P Averachan CROSS WORD- LAYAM 2K 21 ASIET Kalady Participated 4 21-08-2021 Chaithanya CR CROSS WORD- LAYAM 2K 21 ASIET Kalady Participated 5 21-08-2021 Chaithanya CR PHOTOGRAPHY LAYAM 2K21 ASIET Kalady Participated 6 21-08-2021 Chaithanya CR ONAPPATTU - NSS ASIET Kalady 3rd Grade 7 21-08-2021 Chaithanya CR RECITATION- LAYAM 2K21 ASIET Kalady Participated 8 3-7-2021 Chaithanya CR BUSTA DI CARTA-BAG GOVT. ENGG.College Wayanad Participated 9 21-08-2021 Neha Ajaykumar CROSS WORD- LAYAM 2K 21 ASIET Kalady Participated 10 21-08-2021 Neha Ajaykumar MAZE RUNNER ASIET Kalady Participated 11 3-7-2021 Neha Ajaykumar BAG MAKING ASIET Kalady Participated 12 21-08-2021 Rumaisa Sidhik MAZE RUNNER ASIET Kalady

Participated 13 3 July 2021 Rumaisa Sidhik BUSTA DI CARTA-BAG GOVT. ENGG.College Wayanad Participation 14 21-08-2021 Rumaisa Sidhik DEBATE ASIET Kalady Participation 15 3-7-2021 Adithya Udayan BUSTA DI CARTA-BAG-NSS GOVT. ENGG.College Wayanad Participated 16 3-7-2021 Asna Polachan BUSTA DI CARTA-BAG-NSS GOVT. ENGG.College Wayanad Participated 17 3-7-2021 Sheetal K BUSTA DI CARTA-BAG-NSS GOVT. ENGG.College Wayanad Participated 18 3-7-2021 Muhammed Ansil MA BUSTA DI CARTA-BAG-NSS GOVT. ENGG.College Wayanad Participated 19 3 July 2021 Raoof Backer BUSTA DI CARTA-BAG GOVT. ENGG.College Wayanad Participation

SL NO DATE NAME OF THE STUDENT EVENT VENUE/ INSTITUTE GRADE 1 27/2/2020 Akhil Harikumar BRAHMA 20 -ARCHEMANIA ASIET Kalady Participation 2 27/2/2020 Abhijith Jayaprakash BRAHMA 20 -ARCHEMANIA ASIET Kalady Participation 3 28/02/2020 Aina Jude BRAHMA 20 -ARK10 ASIET Kalady Participation 4 15/7/2020 Abhirami P S VIGHNANA -QUIZ ASIET Kalady 100 Percentage 5 15/7/2020 Athira V B VIGHNANA -QUIZ ASIET Kalady 70 Percentage 6 28/02/2020 Krishnedhu T.S BRAHMA 20 - ARK 9 ASIET Kalady Participation 7 29/02/2020 Lakshmi Ramesh BRAHMA 20- VOICE OF BRAHMA ASIET Kalady Second 8 27/02/2020 Lakshmi Ramesh BRAHMA 20- CLASSICAL MUSIC ASIET Kalady Participation 9 27/2/2020 Lakshmi Ramesh BRAHMA 20 ASIET Kalady Volunteer 10 28/2/2020 Mohit Mohan BRAHMA 20 - ARK 10 ASIET Kalady Participation 11 28/2/2020 Mohammed Shakeeb BRAHMA 20 - ARK 10 ASIET Kalady Participation 12 28/2/2020 Neha V A CRAFTERINA ASIET Kalady Participation 13 28/2/2020 Nivya K M BRAHMA 20 - ARK 10 ASIET Kalady Participation 14 28/2/2020 Nivya K M ADVAIYA ASIET Kalady Participation 15 28/2/2020 Rejith P R BRAHMA 20 - ARK 10 ASIET Kalady First Price 16 28/2/2020 Sandra Sasi BRAHMA 20 - ARK 10 ASIET Kalady Participation 17 28/2/2020 Sreelakshmi T A COLLAGE MAKING COMPETITION ON SUSTAINABLITY ASIET Kalady Participation 18 28/2/2020 Sruthy Krishna K S BRAHMA 20 - ARK 10 ASIET Kalady First Price 19 28/2/2020 T Akshay Shaju COLLAGE MAKING COMPETITION ON SUSTAINABLITY ASIET Kalady Participation 20 28/2/2020 Vivek Unnikrishnan BRAHMA 20 - ARK 10 ASIET Kalady Participation 21 08/03/2019 Abhijith BRAHMA 19 ASIET Kalady Volunteering 22 4/11/2019 Abhijith Jayaprakash ASHWAMEDHA -CONSILIUM ASIET Kalady Participation 23 7/03/19 Austin Sebastian BRAHMA 18 ASIET Kalady Volunteering 24 4/11/2019 Ansil Renny ASHWAMEDHA- MAZE RUNNER ASIET Kalady Participation 25 4/11/2019 Aswathy Vijayan ASHWAMEDHA - BATTLE OF TENDERS ASIET Kalady Participation 26 4/11/2019 Elvin Mathew ASHWAMEDHA- CONSILIUM ASIET Kalady Second Prize 27 4/11/2019 Eldho Jobi Areeckal ASHWAMEDHA - MAZE RUNNER ASIET Kalady Participation 28 08/03/2019 Mahin Sha BRAHMA 19 ASIET Kalady Volunteering 29 4/11/2019 Mahin Sha ASHWAMEDHA-ZOOM IN ZOOM OUT ASIET Kalady A Grade 30 4/11/2019 Mohit Mohan ASHWAMEDHA-CONCEPT ART ASIET Kalady Second Prize 31 4/11/2019 Mohit Mohan ASHWAMEDHA-ZOOM IN ZOOM OUT ASIET Kalady Second Prize 32 4/11/2019 Nivya K M ASWAMEDHA BLACK OUT ASIET Kalady Participation 33 08/03/2019 Parvathy Anil BRAHMA 19 ASIET Kalady Volunteering 34 4/11/2019 Sruthy Krishna K S ASWAMEDHA - BLACK OUT ASIET Kalady Participation 35 08/03/2019 Sona Mariya Paul BRAHMA 19 ASIET Kalady Volunteering 36 4/11/2019 Sreeshma Mohanan ASHWAMEDHA-MAZE RUNNER ASIET Kalady Participation 37 4/11/2019 Vivek V V ASHWAMEDHA-Consilium ASIET Kalady 2nd 38 08/03/2019 Vivek V V BRAHMA 20 ASIET Kalady Volunteering 39 4/11/2019 T Akshay Shaju ASHWAMEDHA-Consilium ASIET Kalady 2nd

Month & Year Faculty Achievement June 2024 Dr. Aneesh P C Served as a judge during MSIGMA-IEEE TechBurst 2K24 Project Presentation held on 9th June 2024 at Gokulam Park, Kochi. June 2024 Ms. Reema Pius, Ms. Harshananda T N, Ms. Chitralekha V Dev Attended a faculty training programme on "Virtual Lab" on 21st June 2024 organised by ASIET in association with Virtual Labs introduced by MoE, Government of India Initiative. June 2024 Ms. Jyothi Lekshmi R Attended one day online FDP on "Enhancing Education: Leveraging Artificial Intelligence Tools for Teaching" conducted by Star International - Foundation for Research and Education June 2024 Ms.Akhila Vijayan, Ms. Reema Pius and Ms. Clydin P A Attended the two day faculty training program on Autodesk Fusion 360 on 28th June and 1st July 2024. Session focussed on CAD fundamentals delivered by BIMiT's Autodesk certified instructors. March 2024 Ms. Harshananda T N Participated and completed a three-day Face-to-Face Faculty Development Program (FDP) themed "Inculcating Universal Human Values in Technical Education". The event was organized by the All India Council for Technical Education (AICTE) at Adi Shankara Institute of Engineering Technology in Ernakulam, from February 8th

to February 10th, 2024. March 2024 Dr. P K Suresh Achieved first place in the paper presentation at the 2024 International Conference on Advances in Civil and Environmental Engineering. His paper, titled "River Training Studies and Monitoring of Vellore in Tamil Nadu," garnered this recognition. February 2024 Mr. Abin Joy Played a significant role in winning All Kerala Professors Cup held at FISAT. January 2024 Dr. A N Swaminathen Received a patent titled "Solar Plumb Bob." January 2024 Dr. P K Suresh Published a paper titled "Studies on Shoreline Changes and Sediment Distribution along the West Coast of India." December 2023 Dr. A N Swaminathen Received the GreenThinkerz International Outstanding Young Researchers Award 2023 and released a paper titled "A Probabilistic Fault Detection Approach for the Management of Energy and Environment in Buildings using the BiGRU-SA Approach". December 2023 Dr. P K Suresh Addressed the 28th International Conference on Hydraulics, Water Resources, River, and Coastal Engineering. The event took place at the National Institute of Technology, Warangal on 23rd December 2023. November 2023 Dr. A N Swaminathen Presented the paper entitled "Accurate Crack Identification of Concrete Structures Based on Deep Bi LSTM Model" at 7th International Conference on Electronics Communication and Aerospace Technology Sustainable Artificial Intelligence Systems (IECA 2023) held from 22nd to 24th November 2023. October 2023 Dr. P K Suresh, Presented a paper in PIANC_COPEDEC Conference at Manila Philippines. October 2023 Dr. Parameswaran T. G Published an article in MDPI titled 'Impact of Water Management on Methane Emission Dynamics in Sri Lankan Paddy Ecosystems'. September 2023 Dr. Dhanasekar K Published a book titled ''Soil Mechanics'' by Taran publications. August 2023 Ms. Harshananda T N Attended AICTE online FDP on Universal Human Values during 21st to 25th August 2023. July 2023 Dr. A N Swaminathen Published a paper titled "Use of Plastic for Sustainable Concrete", in the Journal of Engineering Analysis and Design, Volume 5, Issue 2, HBRP publications. He also received a patent for the design of "TOUCH CONTROLLED CONCRETE HARDNESS TESTING DEVICE ". June 2023 Mr. Aneesh P C Resource person for the 5 day Faculty Development Programme on "Technological Advancements in Civil Engineering" organized by the Department of Civil Engineering, Mangalam College of Engineering. He delivered a session on "Sustainable Solutions to Environmental Problems" on 23th June 2023. June 2023 Dr. Dhanasekar K Participated in the five day workshop on "Computer Applications in Water Resources Engineering (CAWRE- 2023)" organized by the Department of Civil Engineering, NIT Rourkela, during 01 to 05 June 2023. June 2023 Dr. P K Suresh Presented a paper on "Hydraulic Model Studies for Artificial Reef Type Protection Measures of Sagar Island, India" at the 6th International conference in Ocean Engineering organized by Department of Ocean Engineering, IIT Madras. June 2023 Mr. Abin Joy Completed the 30 - day International Online Workshop on "Scholarly Writing & Publishing: Emerging Areas and Challenges from AI" conducted by CMS College Kottayam, Marian College Kuttikkanam, Farook College Calicut in association with Lore & Ed Research Associates Kottayam from 29th May to 3rd July 2023. June 2023 Dr. Dhanasekar K Published a paper titled "Evaluation on Mechanical properties and Abrasion resistance of Precast Paver blocks using Copper Slag", European Chemical Bulletin, PP:614-634, 2023, Vol-12, Issue-5, Scopus Publication. March 2023 Dr. Dhanasekar K Received patent titled "Design and testing of flat slab using coconut shell concrete". It was published by Indian Patent Journal on 31st March 2023. February 2023 Ms. Harshananda T N, Ms. Clydin P A Project titled "Cost effective building model for rehabilitation of slum area" got selected for KTU CERD student project funding. February 2023 Ms. Dona Joy, Dr. A N Swaminathan Project titled "Estimation of congestion cost evaluation and solution" got selected for KTU CERD student project funding. February 2023 Dr. A. N. Swaminathen, Ms. Jyothi Lekshmi R Published a patent on "Analysis of Mechanical Properties of Concrete Produced with Red Ceramic Construction and Demolition Waste". January 2023 Dr. P. K. Suresh Delivered a lecture on "Coastal Hazard, Risk and Vulnerability Assessment" for a three day training programme on "Hazard, Risk and Vulnerability Assessment" organized by the Disaster Management Cell, Anna Administrative Staff College, Chennai, Tamil Nadu. January 2023 Mr. Abishek Kumar A A, Ms. Jeeva P Winto, Ms. Harshananda T N, Ms. Clydin P A Attended KTU sponsored 3 day FDP on Nanotechnology in Engineering for a Sustainable Future organized by SNGCE from 11th to 13th January 2023. January 2023 Ms. Jyothi Lekshmi R, Ms. Reema Pius, Ms. Dona Joy, Ms. Rosmin Thomas Attended a National

level online Faculty Development Program on Outcome Based Education (OBE), organised by S.E.S College Sreekandapuram in association with The Kerala State Higher Education Council from 18th to 25th January 2023. December 2022 Dr. K. Dhanasekhar sir Delivered a lecture on the topic "Teaching practices" for an ATAL FDP organised by Meenakshi Sundararajan Engineering College, Chennai on 29th December 2022. December 2022 Dr. A. N. Swaminathan Recieved "Best Teacher Award" from Scientific International Publishing House (SIPH) Awards 2022.

October 2022 Ms. Gisha George and Ms. Clydin P A Attended a one day International Conference on BIM conducted by BIM Channel in association with CADD International and Dzyn on 29th October 2022 at Le Meridien Kochi. Session was handled by Mr. Midhun Das, BIM Consultant - UAE. The conference highlighted the applications of BIM, worldwide in the Civil Engineering Sector. October 2022 Dr. P K Suresh Appointed as Independent Director to the Board of Tamil Nadu Water Resources Conservation and Rivers Restoration Corporation Ltd. for a term of 3 years. October 2022 Dr. K Dhanasekar Published Journal on "Analysis and Design of bridge using a Computational tool" in the "International Conference on Emerging Research Trends in Civil Engineering" under Anna University, Chennai.

September 2022 Dr. A N Swaminathan The editorial board of Scientific International Publishing House (SIPH) awarded certificate of publication in recognition of the publication of the textbook entitled "STAINLESS STEEL IN CIVIL CONSTRUCTION" August 2022 Mr. Abishek Kumar A A Participated in a KTU sponsored 5 days FDP on "Sustainable Developments in Transportation Geotechnics" from Aug 22-26, 2022 conducted by Department of Civil Engineering, SCMS School of Engineering and Technology, Karukutty, Ernakulam. August 2022 Ms. Shabnum Suhura Completed a virtual mode one week national level FDP on "Futuristic Research Scope in Civil Engineering" conducted by CK College of Engineering and Technology, Chennai from 23rd to 27th August 2022. August 2022 Ms. Harshananda T N Completed AICTE approved FDPs with certifications conducted by NITTTR on the modules "Professional Ethics & Sustainability" & "Instructional Planning and Delivery" August 2022 Ms. Clydin P A Completed AICTE approved FDP with certification conducted by NITTTR on the module "Professional Ethics & Sustainability". August 2022 Ms. Dona Joy Completed Innovation Ambassador (IA) training 'Foundation Level' conducted in online mode by MoE's Innovation Cell and AICTE during the IIC calendar year 2021-22. APRIL 2022 Ms. Clydin P A and Ms. Ammu David Attended FDP on "Use of Staad.Pro" organized BIMLABS Engineering Services Pvt. Ltd." from 22rd April 2022 and 23rd April 2022 APRIL 2022 Dr. P K Suresh Invited to be a part of the interview panel for recruitment process of the National Centre for sustainable coastal management- The research institute under Ministry of Environment, Forest and Climate Change on 12th April 2022.

MARCH 2021 Dr. Suresh P K Appointed as "Expert Consultant" for the Supervisor Consultancy undertaken by IIT Madras for Real Time Flood Forecasting and Spatial Decision Support System (RTDAS) for Chennai Basins. MARCH 2021 Mr. Aneesh P C Presented a research seminar on the topic "Advanced Technologies for Organic Waste Water Treatment" on 17th March 2021. The seminar was focused on improving the research achievements along with the teaching excellence of faculties MARCH 2021 Dr. Manu S Nadesan Selected as reviewer on The First International Conference on Innovations in Mechanical Sciences (ICIMS 21) on 19th and 20th February 2021 on IOP Conference Series: Materials Science and Engineering. MARCH 2021 Mr. Abin Joy Participated

in the online Faculty Development Program on "Constitution of India" sponsored by TEQIP - phase II, organised by Department of Electronics and Communication Engineering from 15th to 20th March 2021 Presented a research seminar on the topic "Production of Artificial Aggregate" on 29th March 2021. MARCH 2021 Ms. Harshananda T N Successfully completed National Initiative for Technical Teacher's Training (NITTT-2021) Module 1 entitled "Orientation Towards Technical Education and Curriculum Aspects". FEBRUARY 2021 Dr. Suresh P K, Mr. Aneesh P C Presented a paper on Design of a sustainable flood carrier system in Cuddalore of Tamilnadu in The First International Conference on Innovations in Mechanical Sciences (ICIMS 21) on 19th and 20th February 2021 on IOP Conference Series: Materials Science and Engineering, organized by ASIET. JANUARY 2021 Dr. Suresh P K The research paper entitled 'Design of conservation measures in Palar River in Tamilnadu' has been accepted for an oral presentation in the HYDRO 2020 to be held at NIT Rourkela on 26-28 March 2021 JANUARY 2021 Ms. Aishwarya S Attended a TEQIP- III sponsored Online STTP on Advances in Earthquake Resistant Design of

Structures AERDS – 2021 Organized by Department of Civil Engineering Sardar Vallabhbhai National Institute of Technology- Surat. 18th – 22nd January 2021

DECEMBER 2020 Dr. Manu S. Nadesan Presented a paper entitled “Effect of type of binder on the fresh and mechanical properties of high strength self compacting concrete” on International Conference on Recent Development in Sustainable Infrastructure (ICRDSI) 2020 organized by KIIT, Bhubaneswar, Odisha from 19th to 21st December 2020. NOVEMBER 2020 Dr. Suresh P K Dr. Manu S Nadesan Published a paper on "Erosion Studies and Rehabilitation of Beach along West Coast of India" in the journal IOP conference series: Material Science and Engineering, Vol 970 NOVEMBER 2020 Dr. Manu S Nadesan Selected as the reviewer of the journal International Journal of Concrete Structures and Materials , Springer Publication. NOVEMBER 2020 Ms. Clydin P. A. Completed course on “The science of well-being” by Duke University and Coursera on 23rd November 2020. OCTOBER 2020 Prof. Aneesh P C , Ms. Harsha nandha T N, Ms. Nitha Abraham Participated in the two days online training course on “Advanced Instrumentation for Bathymetry Survey” organized by Hydraulic Instrumentation Division of Central Water and Power Research Station (CWPRS), Pune during 13th – 14th October, 2020. Mr. Abishek Kumar A A Successfully completed the Short term Course on ‘Peace and Yoga’ from International Centre for Peace and Yoga, Adi Shankara Group of Institutions, Kalady. SEPTEMBER 2020 Dr. P. K. Suresh and Dr. Manu S. Nadesan Presented a paper entitled “Erosion Studies and Rehabilitation of Beach along West Coast of India” in the National Conference on “Sustainable Materials and Practices for Infrastructure Development – 2020” (SMPID – 2020), 17 - 18 September 2020, GCEK, Bhawanipatna, Odisha. Ms. Akhila Vijayan Published a paper entitled “Durability Study of Coir Geotextile Embedded in Different Types of Subgrade Soil” in Journal of Natural Fibres, Taylor and Francis. AUGUST 2020 Dr. Manu S Nadesan Delivered a session for the Virtual Faculty Development Program conducted by the Department of Civil Engineering, G. Pulla Reddy Engineering College (Autonomous) on “Recent Developments in Civil Engineering: Research and Practical Applications”. He conducted a session on the topic “MECHANICAL PROPERTIES OF LIGHTWEIGHT AGGREGATE CONCRETES” on 13th August 2020. Mr. ABISHEK KUMAR A A Attended a webinar on “GEOTECHNICAL ENGINEERING FOR INFRASTRUCTURE DEVELOPMENT” organized by the Department of Civil Engineering, Thejus Engineering College, Thrissur on 30th July 2020 Ms. JEEVA P. WINTO Attended webinar on “Geotechnical Engineering for Infrastructure development” organized by Thejus engineering college, Thrissur on 30th July, 2020 Attended 3 days STTP on “MATHEMATICAL MODELLING IN CIVIL ENGINEERING” organised by SCMS school of engineering, Ernakulam on 5 to 8 August 2020 Attended international FDP on “Recent trends in civil engineering” organized by St. Thomas college of engineering and technology, Chengannoor on 5 to 7 August 2020 Attended online FDP ON “Emerging Opportunities in Civil Engineering” organized by Younus college of engineering and technology on 10 to 14 August 2020 Ms. REEMA PIUS Attended a FDP on “Current Scenario & Emerging Trends in Construction Management” from 27th July to 1st August 2020 organized by the Department of Civil Engineering, Toc H Institute of Science and Technology. Attended a webinar on the topic “Career Opportunities in Cost and Contracts Management” organized by the Department of Civil Engineering, Universal Engineering College, Thrissur on 7th August 2020. Ms. HARSHANANDA T.N Attended an expert consultation webinar on “Role of women in environmental sustainability” organized by NIOH-ENVIS ON 28 July 2020 Attended a webinar on “Introduction to GIS” organized by WWF ENVIS India on 17th & 18 th August 2020. Ms. CLYDIN P. A. Attended STTP on “Innovative Technologies and Practices in Construction Industries”, 03 - 09 August 2020 organized by Department of Civil Engineering, Kumaraguru College of Engineering. Presented paper on “Vibration Study of Laminated Composite Box Sections” on 18th August 2020 at National conference on Recent Advancements in Civil Engineering Research organized by Department of Civil Engineering, MEA Engineering College, Perinthalmanna Workshop on “Incorporating Universal Human Values in Education” organized by AICTE from 24th to 28th August 2020 Successfully completed 4 week MOOC on “Mastering bitumen for better roads and innovative applications” by École des ponts ParisTech and coursera. July 2020 Dr. Manu S Natesan Participated in TEQIP-III sponsored one-week faculty Development Program on “ADVANCES IN STRUCTURAL AND GEOTECHNICAL ENGINEERING (ASGE-2020)” held during 29th June to 3rd July, 2020, organized by Civil Engineering Department, Government College of Engineering, Kalahandi, Bhawanipatna. He also attended

webinar on the topic "Entrepreneurship and Startup - Post Covid Opportunities" organised by IIPC in association with Adi Shankara Centre for Innovation Incubation and Entrepreneurship, ASIET on 21st July 2020. Completed One month Online training program in "Revit Architecture" from Inter Cad Cochin Attended Expert e-Talk on "Earthquake Response of Unreinforced Masonry Buildings" organized by Department of Civil Engineering, Christ College of Engineering, Irinjalakuda, Thrissur (Kerala) on 11th July 2020. Attended an online webinar conducted by BUILDERS ENGINEERING COLLEGE, Kangayam, Tiruppur on "ASSESSMENT OF LIQUEFACTION POTENTIAL - CASE" on 29th June 2020. Attended three day National level FDP conducted by Hindusthan College of Engineering and Technology, Coimbatore, Department of Civil Engineering, in "ADVANCED E-LEARNING IN STRUCTURAL ENGINEERING DESIGN CONCEPT" during 29th June to 1st July 2020 Attended Online Seminar " Value Engineering" conducted by Department of Civil Engineering, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY on 6th July 2020. Ms. JEEVA P. WINTO Attended webinar on "COMMUNICATIVE ENGLISH SKILLS FOR ENGINEERING STUDENTS AND FACULTY" conducted by MBITS in association with ASAP and TCS during 28th June to 30th June, 2020. Attended a Faculty Development Program on "OUTCOME BASED EDUCATION SOFTWARE" organised by vmedulife software services on 4th July, 2020 May 2020 Dr. Manu S. Nadesan Conducted Extended a live webinar on the topic "Alternative Aggregate from Flyash: Feasibility in Structural Concretes" organised by Technical Services, Jharkhand-UltraTech Cement Ltd., on 16th May. May 2020 Ann Mary Paul Secured 100% pass percentage for the subject Basics of Civil and Mechanical Engineering for KTU results S1 EEE batch () May 2020 Mr. Aneesh P. C Attended an online five day class on the topic "Introduction to QGIS" May 2020 Ms. Chithra C. J. Attended a live webinar on "designing of turning torso using 3DS MAX" on 2/5/2020. Attended an online session on the topic "Development of COVID19 related technologies and dissemination" through online platform in association with ASAP on 16/5/2020. May 2020 Mr. Abin Joy Conducted an online webinar on "Introduction to Visualization and rendering using 3DSmax "in association with InterCAD on May 20. Attended webinar on "Extended 3 dimensional analysis of building systems " by CADD Centre Attended webinar on "Art of writing Research Paper " by IEEE Online one day workshop on "Resilience of concrete Construction" on 23rd May organized by IIT Madras Attended a webinar session on "Artificial Aggregate and its Behavioral Aspects in Structures" organized by Vaagdevi College of Engineering, Warangal on 25nd May 2020, in association with Indian Concrete Institute (ICI) Warangal Centre. Attended one week national workshop on "Industrial Relevance of Structural and Concrete Technology", conducted by the Department of Civil Engineering of Vedavyasa Institute of Technology, in association with Indian Concrete Institute (ICI), Calicut Centre (May 25-31) Attended a three day Online Short Term Training Program on "Safety Measures in Transportation Systems" conducted by Department of Civil Engineering, Muthoot Institute of Technology and Science, Ernakulam (May 27-29) May 2020 Mr. Abishek Kumar A. A. Attended an online course on "Academic writing: Learn to Publish in High Impact Journals" by UDEMY on 1/5/2020 April 2020 Abin Joy Attended a two week online workshop on Vedic Mathematics, organized by Aspire Learning centre. April 2020 Ms. Harshananda T N, Ms. Lakshmi G and Ms. Shabnum Suhura Attended a webinar on "Research Outcomes : Technical Paper writing, Research Proposal, Patent filling organized by DataTeach.ai". April 2020 Ann Mary Paul Secured 100% pass percentage

for the subject Environmental Impact Assessment of VII semester. April 2020 Ms. Jyothilekshmi R and Ms. Angitha Sasidharan Secured 100% pass percentage in fifth semester subjects, Geotechnical Investigation and Disaster Management, respectively February 2020 Ms. Jeeva P Winto Extended lecture on the topic "Performance evaluation of urban transport facilities" in the Friday Talk scheduled on 7th February 2020 at ASIET. The session was attended by faculties from all the departments. January 2020 Ms. Nitha Abraham Published a research paper on "Development of Novel Groundwater Iron Removal System using Adsorptive Fe(II) process" in the Elsevier journal, Groundwater for Sustainable Development December 2019 Dr. Manu S Nadesan Chaired or Coordinated the 'Social Science and Law & Management' Session in the 10th International Congress of Environmental Research (ICER-19) organized from 19th - 21st December 2019 at ASIET, Kalady, in collaboration with Journal of Environment Research and Development (JERAD) December 2019 Ms. Nitha Abraham and Ms. Harshananda T N Presented a research

paper entitled "Analysis of Quality Parameters of Groundwater in Laloor" in ICER-19 organized from 19th to 21st December 2019 at ASIET, Kalady, in collaboration with Journal of Environment Research and Development (JERAD) Mr. Aneesh P.C Department judged the district level project evaluation of students up to twelfth standard, conducted as a part of National Children Science Congress-2019. Ms. Angitha Sasidharan Received elite certificate for completing NPTEL Online Certification course on Design of Steel Structures Mr. Abin Joy Attended a three day TEQIP Phase III workshop on "Geo-polymer Concrete", organized by Department of Civil Engineering and Fire and Safety Engineering, School of Engineering, CUSAT, Ernakulam. Mr. Aneesh P.C and Ms. Jeeva P Winto Attended a five day KTU sponsored FDP on Emerging Trends in Sustainable Developments in Transportation Engineering, organized by ToCH Institute of Science and Technology, Ernakulam Mr. Manu S.Nadesan Successfully completed his PhD from IIT Bhubaneswar Ms Anjana Susan Secured 100% pass percentage in Basics of Civil Engineering for KTU results EC-A batch 2018-2022 Ms Shabnum Suhura Secured 100% pass percentage in Basics of Civil Engineering for KTU results AE 2018-2022 Ms Radhika K Secured 97.5% pass percentage in Engineering Mechanics for KTU results EC-A 2018-2022 Ms Anjali Ann Johnson Secured 97.37% pass percentage in Basics of Civil Engineering for KTU results EC-B batch 2018-2022 Ms. Angitha Sasidharan Attended a six day conference on "Design of Advanced Concrete structures" organized by Department of Civil Engineering, FISAT, Angamaly. Ms. Ann Mary Paul Secured 100% results for Environment Safety and Health (KTU Examination) Mr. Abin Joy Secured 100% results for Industrial Safety subject in the Dept. of Mechanical Engineering (KTU Examination). Ms. Akhila Vijayan Secured 100% results for Municipal Solid Waste Management (KTU Examination). She also secured 100% pass percentage for Air Quality Management. Ms Angitha Sasidharan and Ms Shabnum Suhura Attended a one day workshop on "Industry oriented Civil Engineering" organized by BAI, Cochin Chapter. The workshop was an interactive session focused on various ways to make the civil engineering graduates more adapt to the needs of industry. Ms. Akhila Vijayan and Ms. Angitha Sasidharan Attended a seminar on 'Engineer's competency for a global career' organized by Tracez Global Training and Consulting services at Vytilla, Kochi. It was pitched to focus on the potential job positions in various fields and essential competencies for employability February 2019 Ms. Shabnum Suhura Attended a one day seminar on "Value Engineering" held at IEI Bhavan on 23rd February. The seminar gave the participants unique opportunity to interact and get to know firsthand, how to go about systematically in reducing cost and increasing value in their own organization, to face the competition of globalization, effectively. Gayathri V.M, Anju Thomas and Devika S of S4 CE also attended the session. January 2019 Ms. Akhila Vijayan Attended a short term training program on "Designing with Geosynthetics" conducted by APJ Abdul Kalam Technological University held at CET Trivandrum from 7th to 11th January Ms. Gisha George Got admitted for Ph.D in College of Engineering, Trivandrum under QIP. Dr. Jacob Alex Successfully completed his PhD from Indian Institute of Technology Madras. Mrs Radhika K Awarded Elite NPTEL Online Certification for completing the course on "Outcome based Pedagogic Principles for Effective teaching".

Department Newsletter

CIVIL CHRONICLE 2024

June

May

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January

CIVIL CHRONICLE 2023

December

November

September

July

June

May

April

March

February

January

CIVIL CHRONICLE 2022

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CIVIL CHRONICLE 2021

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June

May

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January

Gallery

Technical webinar on "Seismic Design of buildings - An Introduction"

Add on course on Revit Architecture

FDP on Environmental Pollution : Monitoring & Control

Technical Webinar on "Sustainable Practices in Concrete Technology"

Civil Engineering Department Core Placement 2020-24 Batch

Congratulations!!!

The Civil Engineering Department at ASIET is proud to be accredited by the National Board of Accreditation (NBA), a testament to our commitment to excellence in engineering education. This prestigious accreditation signifies that our programs meet the high

Our NBA accreditation reflects our continuous efforts to enhance educational outcomes, foster innovation, and maintain the highest levels of academic integrity.

The college management honouring Ms. Raseena Mohammed of CE 2017-21 batch for bagging State Best Volunteer Award for her active services to society..

Congratulations!!!!!!

DEPARTMENT EVENTS

DEPARTMENT OUTREACH

Congratulations

DEPARTMENT OF CIVIL ENGINEERING

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

Phone :

Tel: 0484-2463825, 2466066, 2461933

+91 9880855302 (Principal)

+91 9446523599 (Prof: Incharge of Admission)

Mob : 9995533744

Fax: 0484-2463828

Email: info@adishankara.ac.in

[Download Brochure](#)

Call us +91 9995533744

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Welcome to the Department of Computer Science and Engineering at Adi Shankara Institute of Engineering and Technology. Established in 2001, the department has been an integral part of our college since its inception. Our NBA-accredited department offers B.Tech., M.Tech., and Ph.D.degrees, providing comprehensive education and research opportunities in the field.

India's fast-developing economy is witnessing significant progress across various industries, with the IT sector emerging as a major driver of this growth. NASSCOM recognizes India as the world's third-largest startup base, underscoring the IT industry's pivotal role in India's liberalization and development. At the core of this revolution lies Computer Science and Engineering, playing a crucial role in the success of both IT and startup sectors. The advent of startups has opened up exciting opportunities for Computer Science Engineers, who have traditionally contributed to services and product-based companies. Additionally, the Digital India campaign, initiated by the Government of India, has further fueled the demand for skilled professionals in the Computer Science stream.

In response to the escalating demand for Computer Science Engineers in this dynamic era, it is essential for them to possess multidisciplinary skills and stay abreast of the latest technologies. To cater to this need, the Department offers meticulously designed UG and PG programs in Computer Science and Engineering, equipping students with well-rounded skills for research and innovation. These programs provide a solid foundation for thriving in the fast-paced and ever-evolving IT industry.

Our faculty, a diverse group of motivated researchers, focuses on emerging areas such as Artificial Intelligence, Processor & Architecture Study, Image Processing, Data Analytics, Cyber Security, Mobile Ad Hoc Networks, Distributed Algorithms, Nature-Inspired algorithms, Image Segmentation, and Neural Networks, among others. The Department boasts state-of-the-art infrastructure and cutting-edge computing equipment, all backed by high-speed Ethernet and wireless networks. To cater to the passion of students inclined towards research and development of real-time, socially challenging solutions, we have four research labs: Multimedia, Data Analytics, and Bioinformatics Research Lab, and Cyber Security and Cyber Forensics Lab.

The department's strength lies in our well-qualified, research-oriented, and innovative faculty, who mentor and guide students to acquire industry-ready skills through additional courses. Our well-equipped labs offer ample

opportunities for students to enhance their hands-on skills.

Our commitment to supporting students extends to the placement opportunities we provide, which are among the best in the industry. Additionally, the research-oriented environment fostered by our labs enables students to pursue higher studies and actively contribute to R&D activities.

Currently, we offer the following programs:

B.Tech in Computer Science & Engineering (Started in 2001) with a current intake of 180 students.

M.Tech in Computer Science & Engineering (Started in 2012) with a current intake of 18 students.

Ph.D in Computer Science & Engineering (Research Area include but not limited to: Artificial Intelligence, Internet of Things (IoT) and Smart Systems, Cybersecurity, Big Data Analytics, Augmented Reality (AR)/Virtual Reality (VR), Image Processing, and Theoretical Computer Science)

We are proud of our department's accomplishments and the success of our students, and we continue to strive for excellence in research, education, and innovation. We welcome you to explore the exciting opportunities and enriching experiences that our Department of Computer Science and Engineering has to offer.

NBA ACCREDITATION Certificate

Vision

Nurturing globally competent Computer science and Engineering graduates capable of taking challenges in the industry and Research & Development activities.

Mission

Imparting quality education to meet the needs of industry, and to achieve excellence in teaching and learning.

Inculcating value-based, socially committed professionalism for development of society.

Providing support to promote quality research.

NEWS

Idea Fusion Winner

Apr

30

S7 Result CSE A

Apr

04

S7 Result CSE B

Apr

04

SDLP Speaker

Mar

21

ATAL FDP

Jan

15

International Conference on Disaster Management

Jul

15

Google Study JAM for Students

Feb

10

IoT Research Lab

Jan

25

Google Faculty Training

Jan

16

ATAL FDP on Blockchain

Dec

09

What Our Students Say

Pratheek Mammen John

Senior Project Manager , IBS Software

I have fond memories of my time at the computer science dept of Adi Sankara. It also fills me with pride that the institute counts among the best in the state. I cherish the relations , mentorship and support which I have built during my college days

Vipin P Appan

Senior Project Manager, Vtrio Solutions Pvt Ltd.

I graduated in Information Technology from Adi Shankara Institute of Engineering and Technology, where I was part of the first student batch. Initially, we had concerns about faculty and infrastructure, but those worries quickly vanished. The college provided excellent teachers and adequate facilities, significantly supporting my personal and technical development. The well-equipped labs and supportive staff are notable strengths of the institution. Many students secured jobs through campus placements right from our batch. Additionally, the college offered ample sports opportunities, contributing positively to my professional

and personal growth.

Aiswarya Radhakrishnan

Software Engineer, Experion Technologies

My days at Adi Shankara College were truly magical and stood as a pivotal milestone in my career development. Every day at this college was memorable, and it played a crucial role in shaping me into the person I am today. Beyond the academic rigor, the vibrant campus life provided ample opportunities to develop my leadership, teamwork, and communication skills. I am deeply grateful to Adi Shankara for all the support, and I am incredibly proud to be an Asietian.

Krishnaprasad V

Staff Engineer, Juniper Networks

Adi Sankara played a pivotal role in shaping my transition from an engineering graduate to an industry professional. The dedicated teaching staff consistently encouraged me to go the extra mile, helping me discover the best version of myself. The numerous opportunities provided by ASIET honed my leadership qualities, serving as a solid foundation for my career. Even after graduation, the institution continued to support my initiatives, leading to transformative growth. I am grateful for these opportunities and wholeheartedly recommend ASIET for anyone aspiring to build a successful career in the industry

Abhishek prasanth

Technical Lead, Ernst & Young (EY)

Adi Shankara has played a major role in shaping me into a well-rounded professional. The extensive education and supportive environment provided by ASIET have helped me achieve the skills and confidence needed to excel in my career. I am grateful for the opportunities and expertise that ASIET has provided for my personal and professional growth.

Varun P Nair,

Managing Director, Infiniayam Services Private Limited

As an alumnus of Adishankara Institute of Engineering and Technology, I am honored to share my experiences and reflections on my time in the Computer Science and Engineering (CSE) department. My journey at Adishankara was both transformative and enriching, providing me with a strong foundation in both technical and soft skills. Overall, my experience at Adishankara Institute of Engineering and Technology, particularly within the CSE department, was invaluable. It not only equipped me with the technical skills needed for my career but also instilled in me a passion for continuous learning and innovation. I am proud to be an alumnus of this esteemed institution and grateful for the lifelong connections and experiences I gained here.

Department Advisory Board

Dr. Krishna Venkatesh

Director, CIIRC, Bangalore

Dr. Xavier Fernando

Professor, Toronto Metropolitan University, Canada

Mr. Bhadran.V.K

Director Technical, Alibi Global Private Limited, TVM

Dr. Shujun Li

Professor, University of Kent, Canterbury, UK

The Department of Computer Science & Engineering offers

B. Tech. (Bachelor of Technology) in Computer Science & Engineering

M. Tech. in Computer Science & Engineering

Ph.D

National and International Student Chapters

IEEE Computer Society

ACM STUDENT CHAPTER

Computer Society of India

FOSS Cell

IEI – CSE Student Chapter

Program Specific Outcomes (PSO)

PSO1 :

Students will be able to acquire proficiency on identified thrust areas such as in the fields of Data Mining, image processing and security.

PSO2 :

Students will be able to analyse all aspects of software projects, including cost analysis, legal and ethical aspects; implement with the help of professional tools for software project management.

Programme Outcome (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, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. 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.

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.

P05. 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.

P06. 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.

P07. 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.

P08. Ethics :

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. Individual and team work :

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. 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.

P011. 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.

P012. Life-long learning :

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

The students of the Department are privileged with experienced faculties and skilled technical staffs, who mold the students academically sound and make ready for industrial requirements. The Department includes seventeen faculties who have completed their PGs and Ph.Ds. from elite institutions such as IITs and NITs. Many of the faculties have experience in reputed industries. Some of the faculties are also, pursuing their Ph.D programmes in various institutes.

Dr. Ramani Bai V

Professor & HOD

Prof. R Rajaram

Dean Projects & Consultancy

Dr. P. Sojan Lal

Dean School of Computing - Strategic Planning - ASIET

Dr. S. Srikrishnan

Dean-CSE

Dr. Manesh T

Associate Professor

Dr. Sanaj M S

Associate Professor

T Sobha

Associate Professor (Pursuing Ph.D)

Divya K S

Assistant Professor (Pursuing Ph.D)

Unnikrishnan K N

Associate Professor (Study Leave for pursuing Ph.D)

Raghi R Menon

Assistant Professor

Sumesh C Raman

Assistant Professor

Neetha K Nataraj

Assistant Professor(Pursuing PhD)

Sreedevi R Krishnan

Assistant Professor (Pursuing Ph.D)

Teena George

Assistant Professor

Ajay Basil Varghese

Assistant Professor

Eldhose P Sim

Assistant Professor(Pursuing PhD)

Dr. Shyni Shajahan

Assistant Professor

Prabhu M

Assistant Professor

Chinnu Maria Varghese

Assistant Professor

Gripsy Paul Mannickathan

Assistant Professor(Pursuing PhD)

Akshaya Jayaraj

Assistant Professor

Reshma M R

Assistant Professor

Shyama R

Assistant Professor

Nikhil Narayan

Assistant Professor(Pursuing PhD)

Rosemary Varghese

Assistant Professor

Anila S

Assistant Professor

Sharika T R

Assistant Professor

Parvathy Nair

Assistant Professor

Dr. Deepa Devassy

Assistant Professor

Willson Joseph

Assistant Professor

Jithi P V

Assistant Professor

Deepa V V

Sr.System Administrator

Shibi James

Programmer

Sangeetha K G

Senior Lab Instructor

Joe Kurian

Hardware Engineer

Renjith R

Network Administrator

Janet Roselin Lawrance

System Administrator

Rajesh R

IT Administrator

Jomy Joseph

Lab Instructor

Thrishna M S

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

Application Development Lab

Network Programming Lab

Programming Language Lab

System Internals Lab

Seminar Hall

Multimedia and Research Lab

Bio-Informatics & Research Lab

Data Analytics & Research Lab

Data Analytics Research Lab [DARL]

This facility was setup in Programming Language Lab. This state-of-the-art lab facility supports the research activities and project development of the students. CSE department provides the "Data Analytics Research Lab" facility for doing research works in the area of Big Data Analytics, Smart Transportation, Social Network Analytics, and Computational Epidemiology etc. The facility uses big data analytics tools like Hadoop version 3 for analyzing stored historical data and Apache Spark for real-time data analytics. Apache spark and Apache Hadoop offers flexibility of using various programming languages like Java, Python, and Scala etc. The Data Analytics Research Lab offer researchers to practice and perform various machine learning and deep learning studies in almost all research area. Currently this facility has one Master Namenode, one Secondary Namenode and 25 slave nodes. This facility also offers scalability of slave nodes up to 100 nodes based on the demand of a project. The facility also has a master node which is accessible for projects from around the world using a public IP. Public IP also offers researchers get real-time information about the results.

The purpose of establishing this facility is:

1. To provide an overview about Big Data and its applications.
2. To give students hands-on experience in multi-node Hadoop & Spark cluster.
3. Setting up and running of Hadoop clusters in single mode as well as in pseudo-mode.

Areas in which students are expected to have enhanced learning:

Smart Transportation

Deep Learning

Home Automation Security

Computational Biology

Gaming

Master Namenode Configurations:

- a.) Processor: "i7" 8th Generation Systems
- b.) RAM: 64GB memory.
- c.) Hard-Disk Space: 4TB. (Additional Extended Disk Space upto 16TB)
- c.) Operating System: Ubuntu version 18 LTS & Windows 10.

Secondary Namenode & Datanode Configurations:

- a.) Processor: "i3" 4rth Generation Systems
- b.) RAM: 4GB memory.
- c.) Hard-Disk Space: 1TB.
- d.) Operating System: Ubuntu version 16.04 LTS and Windows 10.
- e.) Hadoop Version: 2.7
- f.) Spark Version: 3.0

MULTIMEDIA RESEARCH LAB [MRL]

A new facility is added to CSE department known as ASIET MEDIA Lab located at F-14 room. The focus of the lab is to develop the creativity and research orientation towards multimedia components like Image, Video and Sound. In future the ASIET MEDIA Lab focus towards solving industry problems related to Multimedia. The facility consists of five nodes with one having better graphics & computing capability.

The purpose of establishing this facility is:

1. To provide an overview about 2D designing and 3D designing.
2. To give students hands-on experience in multimedia tools.
3. To explore different image processing research facility.
4. Remote Param Shavak HPC for parallel computing.

Research Area:

Image Analytics

Data Compression

Image Classification

Geographic Information System

Multimedia Area:

2D Designing

3D Designing

Bioinformatics Research Lab (or Center for Bioinformatics Research)

Reason for Establishment:

Due to both the underlying combinatoric nature of biological processes and the vast increase in data-generation capacity of modern biological lab techniques, the fields of biology and computer science are rapidly becoming inextricably linked. The Bioinformatics lab aims to bridge the gap in expertise between these two disciplines and develop computational techniques for solving biological problems, particularly as they apply to health-related fields.

Research Areas:

DNA Compression

DNA Cryptography

Microarray Data Analysis.

Clustering, Bi-clustering Techniques for gene functional analysis.

Sequence and Genome Analysis.

Gene Network Analysis.

Protein Structure classification

This Research Lab facility in CSE department supports the research activities and project development of the students. Information gathering and knowledge discovery is the latest challenge in modern biology. Genomic information retrieval, better understanding of disease mechanism and novel drug discovery solutions has made possible through bioinformatics approaches. With the intention of providing high end services and quality education in Bioinformatics, Bio Informatics Research Labs have formed.

Objectives:

To introduce concepts and data representations in bioinformatics

To introduce fundamentals of Sequence alignment and Gene Recognition

To discuss predictive methods using DNA and Protein Sequences

Paper Publication Details

Patent & Book

Department has a diverse group of motivated researchers with a focus on emerging areas such as Processor & Architecture Study, Image Processing, Data Analytics, Network Security, Mobile Ad Hoc Networks, Distributed Algorithms, Nature Inspired algorithms, Image Segmentation, Neural Networks etc. Three research labs i.e Multimedia, Data Analytics and Bioinformatics Research Lab caters to the yearning of students focussed towards research and development of real time, socially challenging solutions. The strong pillar of the department is a well qualified, research and innovation oriented, and equipped faculty. The students are guided and mentored to take up additional courses to acquire industry-ready skills. Well-equipped labs provide opportunities to students to evaluate and sharpen their hands-on skills. The overall support bestowed by the faculty and facilities provides the students with the best-in-class placement opportunities. The research oriented support provided by research labs entrusts the students to take up higher studies and contribute to R&D activities.

Staff & Student Activities

Month Activities planned Brief Description about the activity July 2024 Career Guidance In the fourth week of July, the IDP organized a career guidance session for S7 students, providing valuable advice and insights into future career paths and opportunities. Webinar On July 4, th week 2024, GTech Mulearn Enabler organized a webinar for registered students, focusing on key industry insights and emerging trends. Workshop In the third week of July, the Hack Club conducted a workshop for registered students, focusing on practical skills and hands-on experience in technology and coding. Cyber Security Hackathon (24Hrs) In the third week of July, the CSE Department conducted a 24-hour Cyber Security Hackathon as a national event, with 60-70 registered participants. Add on Course In the first week of July, an add-on course was conducted for S5 students, focusing on advanced topics to supplement their core curriculum and enhance their expertise. Expert Talk- Art of Publication An expert talk on "The Art of Publication" was conducted for CSE faculty, focusing on effective strategies and best practices for publishing research and academic work. Add on Course In the first week of July, an add-on course was conducted for S students, focusing on advanced topics to supplement their core curriculum and enhance their expertise. CSE Association Inauguration for the year 2024-25 The Department of CSE organized the inauguration of the CSE Association for the 2024-25 academic year in the second week of July. The event marked the beginning of a new year of activities and engagement for CSE students June 2024 Faculty Enablement Program on "Effective mentoring The Faculty Enablement Program on "Effective Mentoring" was conducted for CSE faculty members, focusing on strategies and techniques to enhance their mentoring skills and support student development. Add on Course On June 4th week the CSE Department conducted an add-on course for registered students, offering advanced training and specialized skills to enhance their technical knowledge. Workshop On June 17, 18, and 19, ICFOSS conducted a workshop for registered students, providing hands-on training and insights into open-source software and its applications. OBE Education In the third week of June, the NBA-CSE Core team organized a session on "Outcome-Based Education" for CSE faculty members, focusing on strategies and practices to enhance educational outcomes and align with accreditation standards. May 2024 Dr Hari Koduvely, a lead data scientist delivered an informative interaction session with faculties and students from CSE dept Dr. Hari Koduvely, a lead data scientist, conducted an informative interaction session with CSE faculty and students, organized by the CSE Department. The session provided valuable insights into data science trends and applications. April 2024 Strive On April 19, 2024, IEEE CS SB ASIET organized "Strive" for registered students. The event focused on fostering technical skills and knowledge through various engaging activities. Hands on Training on Data Science(40 Hours) The Department of CSE organized a 40-hour hands-on training on Data Science for second-year B.Tech students of ASIET. NBA Awareness session The CSE Department organized an NBA Awareness session on 10 th April 2024 for all B.Tech CSE students to inform them about accreditation processes and standards. March 2024 30 hour Hands-on training on advance Excel for first year MBA students The Department of Computer Science organized a 30-hour hands-on training session on advanced Excel for first-year MBA students. This comprehensive training aimed to enhance their data analysis and spreadsheet

management skills, equipping them with essential tools for their studies and future careers. Tinkerhack On March 10, 2024, Tinkerhub hosted "Tinkerhack," a hackathon for registered students. The event encouraged participants to innovate and showcase their technical skills through collaborative problem-solving and creative projects. CLUEMINATI, a virtual treasure hunt On March 1, 2024, the Hack Club and CSI organized "CLUEMINATI," a virtual treasure hunt for registered students. This engaging event combined problem-solving with digital exploration, challenging participants to navigate through a series of clues and puzzles. Byte Quest (IT quiz) The Department of CSE conducted the Byte Quest IT quiz for registered CSE students on 01 March 2024. February 2024 Unity Workshop On February 29, 2024, a Unity workshop was conducted for registered students, providing hands-on training in game development and interactive applications using the Unity platform. Fostering Innovation-Expert talk On February 6, 2024, the "Fostering Innovation" expert talk at Adi Shankara Institute of Engineering and Technology, organized by the Departments of Computer Science and Engineering, was attended by students from Naipunya College. Launching of National Cyber Resource Center The National Cyber Resource Center is now launched in the Department of Computer Science. Awareness on Project Patents Awareness on Project Patents session by Dr. Jeno Paul Suyati Project Presentation Suyati first level demo presentation of projects NBA Orientation Seminar NBA Orientation seminar by Prof. Rajaram for faculties of School Of Computing January 2024 Magnus IT Fest Magnus IT Fest in Adi Shankara Institute of Engineering and Technology, Kalady, organised by the Departments of Computer Science on 25-01-2024 ATAL FDP The ATAL Training and Learning (ATAL) Academy Faculty Development Program in Adi Shankara Institute of Engineering and Technology, Kalady, organised by the Departments of Computer Science & Engineering and Computer Science & Engineering Artificial Intelligence), has commenced a six-day program from 15th Jan 2024 to 20th Jan 2024 Placement Training Initiative ASIET has implemented continuous placement training throughout all four years for students, in partnership with industrial trainers. This program is designed to prepare students for the upcoming placement season, ensuring they are industryready Advanced MS Excel Training for MBA Students Reshma M R, Sharika T R and Wilson Joseph from the CSE department and Ann Rija Paul of CSE-AI conducted an Advanced Excel training for MBA students in the third week of January. The training covered a comprehensive range of Excel concepts, with a focus on financial functions. Participants gained proficiency from basic to advanced skills during the informative sessions Interactive Session With Faculty Members Prof. B Ravi, the esteemed Director of NIT Surathkal, engaged in an interactive session with faculty members. The purpose of the session was to discuss research opportunities within the institute and address the challenge of balancing research commitments alongside academic responsibilities. Research Networking Seminar The Research Networking Seminar, featuring Dr. Sanjay Madria, was held on 12th January 2024 at ECE Seminar Hall. The event aimed to provide valuable insights into various fields of information security, a critical aspect of the academic and scientific community Interactive Session With Faculty Members Dr. Narayanan (CK) C Krishnan, Head of Department (HOD) of Data Science at IIIT Palakkad, conducted an interactive session with the School of Computing faculty members. The purpose of the session was to discuss trends and the scope of data science in contemporary contexts Seminar on ETLAB Prof. Teena George, Assistant Professor of Computer Science and Engineering, conducted an orientation seminar on the effective utilization of Etlab, the newly implemented ERP system at ASIET. December 2023 IEDC official website launch The launch ceremony was graced by the esteemed presence of Dr. Saji Gopinath, Vice Chancellor of Kerala Technological University (KTU), and Principal Sreepriya Miss, alongside other respected dignitaries Faculty Development Program (FDP) on 'Idea to Product Launch' Eldose P Sim, an Assistant Professor in the Computer Science Engineering (CSE) department, has recently attended a six-day Faculty Development Program (FDP) on 'Idea to Product Launch'. This program was organized by AICTE Atal and held at Model Engineering College session on "Introduction & Innovative Practices about ASIET" Prof. Ajay Basil Varghese delivered a session on "Introduction & Innovative Practices about ASIET" for the students of plus one from Bhavans Velloor. November 2023 AR VR Hackathon On November 21, 2023, an AR/VR Hackathon was held for S3 CSE and CSE-AI students, focusing on innovative projects and solutions in augmented and

virtual reality technologies. WEBCRAFT MINI HACKATHON On November 18, 2023, the Department of CSE and CSI SB ASIET conducted the WEBCRAFT Mini Hackathon for registered students, featuring challenges focused on web development and creative problem-solving. October 2023 EnvisionX :Workshop On Extended Reality On October 31, 2023, IEEE CS SB conducted EnvisionX, a workshop on Extended Reality, for its students, exploring cutting-edge developments and applications in virtual and augmented reality. POSTMAN API On October 9, 2023, the Department of CSE and CSI SB ASIET organized a workshop on POSTMAN API for S3 CSE-CSE AI students, covering essential techniques for API testing and development. TinkerHub - UI/UX FIGMA From October 4 to 5, 2023, the Department of CSE, in collaboration with TinkerHub and MCA, conducted a workshop on UI/UX design using Figma, focusing on practical skills in user interface and user experience design. September 2023 Add-on courses on Cybersecurity On September 14, 2023, the Department of CSE and Hack Club conducted add-on courses on Cybersecurity for S7 CSE-AI and CSE students from the 2020-2024 batch, focusing on advanced cybersecurity techniques and practices. Add-on courses on Data Analytics Add-on courses on Data Analytics were conducted for S7

CSE-AI and CSE students from the 2020-2024 batch, providing advanced training in data analysis techniques and tools. Technical Talk by Cyberdome, Thiruvananthapuram On September 14, 2023, Cyberdome, Thiruvananthapuram, delivered a technical talk for S7 CSEA, S7 CSE B, and S1 MCA students, covering key aspects of cybersecurity and its latest developments. June 2023 Infosys Springboard A certification drive session was conducted by Infosys Springboard on 9th June, 2023 Aspren'23 Final year project exhibition was held where students from CSE showcased their projects. Samavarthana 2023 Graduation ceremony for final year btech and mba students May 2023 Visit from students of Bhavans A delegation of students from Bhavans School recently visited ASIET and the CSE department. As part of their visit, they were provided with a seminar on various AI technologies, aimed at enhancing their learning process. Internships 42 students of S4 CSE-AI attended a 15-day hybrid internship on Game Development offered by TiltEdu from 15th May 2023 to 31st May 2023. From 22nd May 2023, a group of 25 students from S6 CSE-AI participated in a one-month internship provided by ICT on Artificial Intelligence (AI) and Machine Learning (ML). 12 Students of S6 CSE-B attended a 25 days internship at Netsoft Technologies in InfoPark Kochi on Front-End Web Development 21 students of S6 CSE-AI attended a one month internship offered by FaceIn Technologies on Ethical Hacking and Cyber Security from 6th May 2023 Industrial Visit The S2, CSE - A , CSE - B , CSE - C students of Adi Shankara Institute of Engineering & Technology, accompanied by Dr. Sanaj M S and Ms. Dhanya R, visited The Kannan Devan Hills Plantation On May 1st, 2023, 4th-semester Computer Science (Artificial Intelligence) students from Adi Shankara Institute of Engineering and Technology, accompanied by tutors, had an industrial visit to SOFTRONIICS in Kozhikode. In May 2023, the Computer Science S6 students of Adi Shankara Institute of Engineering and Technology embarked on an Industrial Visit to Zephyr Technologies IT Solutions in Mangalore Aakshein Grand alumni meet of Btech, Mtech, Mba students of ASIET was conducted. It was an excellent opportunity for them to reconnect with former classmates and memories April 2023 Industrial Visit Our students of S8 CSE-A & B batch, visited Esight Software Solutions in Kochi on 7th of March, 2023 as part of their industrial visit. PTA meeting PTA meeting for S4 S6 S8 was conducted Adi Shankaracharya Jayanthi Prof.Rajaraman delivered an insightful lecture on the occasion of Shankara Jayanthi, focusing on the life and teachings of Adi Shankaracharya. The lecture aimed to draw connections between the profound wisdom of the ancient Indian philosopher and the principles applicable to entrepreneurs in today's dynamic business environment. Brahma 2023 National-level techno-cultural festival held at Adi Shankara Institute of Engineering and Technology, Kalady, over three days from March 30th to April 1st. The festival boasted a diverse range of over 45 cultural programs and 70+ technical events, workshops, and proshows Placements Students got placed in Acabes International PVT. LTD, Interland Technology Services March 2023 MOU signed with Tiltlabs Adi Shankara Institute of Engineering and Technology, Kalady and TILTEDU Private Limited has signed an MoU to establish a Centre of Excellence and training program in the field of Immersive & interactive technologies. Gamethon 2k23 On March 28, 2023, the Gameathon event officially commenced, marking the beginning of an exciting and competitive gaming experience. Participants from across the

country gathered to showcase their skills and compete with their peers in an immersive and exhilarating environment Placements Student got placed in Suyati, MuSigma, Nebula, IBS Technologies, Experion and Sutherland February 2023 Placements Students got placed in Fecral Bank, Dadgeon, Maveric and Sutherland Global Services January 2023 MOUWITH CYBERDOME, KERALA POLICE ASIET has signed a Memorandum of Understanding (MoU) with P Prakash IPS, the Nodal Officer of the Kerala Police Cyberdrome, with Dr. Eldose K K and Prof. Manesh T representing the institution December 2022 CS Association Inauguration and Logo Launch was held on 12 December 2022. The chief guest for the occasion was Mr Bhadran V K, who is the Technical Director at Alibi Global, Technopark, Trivandrum. Mr. Bhadran previously served as Senior Director of CDAC and Associate Director of the Resource Centre for Cyber Forensics at the Center for Development of Advanced Computing (CDAC), Trivandrum. Technical Talk on Cyber Forensics and its scope, Job Opportunities was a technical talk by Mr. Bhadran V K on the topic ""Cyber Forensics and its scope, Job opportunities"". He demonstrated how digital evidence can be acquired from various digital sources, such as networks, disks, and computer memory. As part of association activities, certification courses and internship opportunities are planned to be offered in association with Alibi Global to enhance job opportunities for students Upanaya 2022 A Community Inception Ceremony of Parents & Students of our 22nd batch of B. Tech and the 13th batch of M. Tech was organized on 16-12-22. ASHWAMEDHA 22 The technical event of ASIET, Ashwamedha-22, took place on 22-12-2022. In connection with this event, CSE and CSE-AI students organized several technical events which enabled students to interact, network, and demonstrate their skills. Suyati Technologies Partnership & certificate distribution ceremony A certificate distribution ceremony was held at the Adi Shankara Institute of Engineering and Technology, Kalady as part of the partnership with Suyati Technologies Ltd, a multinational company located in Infopark, Kakkanad. November 2022 Visit from students of MES College Marampilly A group of 50 students and faculty members from MES College Marampilly visited the ASIET campus to learn about the Startup environment created by our TBI, Fab Lab, and IEDC, coordinated by Prof.Ajay Basil Varghese. Faculty Development programme A Faculty Development Programme (FDP) on ""Artificial Intelligence Algorithm lab was held on 14-15 November 2023. This FDP provided a hands-on training on the most recent Artificial Intelligence programming tools, in accordance with the newest KTU syllabus for the B. Tech Artificial Intelligence program. Dr. Shailesh Sivan from CUSAT led various sessions during this FDP Workshop on ARDUINO This workshop provided a hands-on experience for the students on Arduino microcontroller boards and software, thereby developing technical abilities in designing projects in the field of the Internet of Things (IoT) and robotics. Coding competition CSI SB ASIET conducted a program named KODEX ARTE, a one-day offline coding competition on the 28th of November 2022. PTA meetings for the S3, S5, S7 semesters organized batch wise PTA meetings during the last week of November 2022 to discuss the performance of students in their first internal examinations. We observed a participation rate of more than 90% October 2022 Induction Program Induction program for cse 2022 -2026 batch was conducted from 26th Oct to 29th Oct September 2022 Recruitment Drive Campus Recruitment Drive of QBurst for B.tech 2019-2023 Batch Onam Celebrations Pookalam was set up followed by Onam Games and Activities. Celebrations ended with Melam and Kavadi August 2022 75th Independence Day Hosting of the Indian Flag July 2022 MOU signed with Malaysia University of Science and Technology ASIET and Malaysia University of Science and Technology signed MoU for various academic and industry collaborations.The MoU was signed by Shri K Anand,Managing Trustee and Dr.Prem Kumar Rajagopal,President of Malaysia University of science and Technology on 01/07/2022 Bon Voyage 2018 -2022 Batch Farewell program of 2018-22 CSE batch May 2022 Dextra A one day Department Technical Fest on 11/05/2022 which included workshops, tech games, coding competitions etc Suyati "Institute Industry Project Interaction Second phase kick off at Suyati Technology campus at Infopark SEZ, Kakkanad." April 2022 Alumni Meet 'ZEST'- ACTIVITY-ORIENTED PROGRAMME' An activity-oriented programme, 'ZEST' was conducted for the 2021-25 batch on 18/4/2022 and 19/4/2022 inside the college campus. the sessions were handled by Sri.Varghese Paul , RJ Vinu and RJ Sarath. 'AAKASHIEN'- Alumni Meet Alumni Meet of B.Tech, M.Tech and MBA was conducted at the campus on 24/04/2022. March 2022 Placement & Other activities Ananthakrishnan K, S8 CSE Placed in

Infosys Alan Paul Varghese of S8 CSE placed in MSYS Technologies Cyber Security and Forensics training for S8 CSE Students from 07/03/2022- 11/03/2022 MOU SIGNED WITH ICT FOR FULL STACK DEVELOPMENT COURSE Adi Shankara Institute of Engineering and Technology in association with ICT Academy of Kerala and K-DISC is conducting a Full Stack Developer (MEAN Stack) program for the Academic year 22-23. The course was inaugurated By Dr.Suresh Kumar, Principal ASIET on 22/03/2022 at the ASIET campus. Students of S8 had their 5 days Industrial visit starting from 23/3/2022. Students were accompanied by the faculties of CSE department. PTA Executive Meeting conducted for all the branches at the College seminar Hall on 26/03/2022. The meeting was presided by our Principal Dr.SureshKumar, PTA Vice president Sri.B Rajanikanthan and PTA Joint secretary Sri. J.Prasad. ASIET Staff gettogether was conducted on 12/03/2022 at Alpha Horizon, Vallarpadam by the Management of ASIET. February 2022 Hack Club & CSI Hack Club ASIET organized a workshop on the Basics of Python on 12/02/2022. The session was led by Aaron P Laiju (S3 CSE AI), coordinated by Kevin Paul of S5 CSE B and 19 students from S1 and S3 participated in the workshop. The department of CSE along with Computer Society of India (CSI), ASIET conducted a webinar on 'Image analytics' on 12/02/2022 for the students of First Year CSE students. Image analytics is the automatic algorithmic extraction and logical analysis of information found in image through digital image processing techniques. The Speaker for the session was Dr. Manish TI, HOD, CSE Department. January 2022 Department Activities ASIET in association with K-DISC, ICT organized a webinar on 'Young Innovation Programme' (YIP) on 28/01/2021. Our students from S1, S3 and S5 participated in it. The department of CSE along with Computer Society of India (CSI) ASIET conducted a webinar on "Introduction to Digital Forensics with case studies". The webinar was presented by Mr. Sebastian Edassery, Director & CSO Deloitte South Asia on 29/01/2022 at 2pm. Students of S5 CSE and faculties of the department participated in the event. December 2021 ICT ACADEMY - FULL STACKTRAINING PROGRAM ICT Academy is launching a scheme to enable our institution to conduct the "Full stack training program" for our own students or from amongst our partner /group institutions in the neighborhood. They are conducting a 4 day FDP starting from 05/01/2022 on the topic "Modern Web Application Development with MEAN Strack" and the faculties selected for the training program are Asst.Prof.Remya Vinayakumar, Asst.Prof.Rosemary Varghese andAsst.Prof.Nikhil Narayan November 2021 Placement Vishnu S Nath, Vindhuja K, Sruthy James, Srinidhi D Pai, Meenakshi P D, Ashiq M A, Vinayak Sivaprasad, K Arjun Sasi, Sagar Saji, Abhijith P U, Alfy N A, Anagha A Nair, Anirudh D, Edwin Saju, Aneez Rahman, A Surya Balaji, Amrutha M, Jemi Maira Jose of S7 CSE placed in UST Global Vindhuja K, Srinidhi D Pai, Meenakshi P D, Pooja Nair, Alfy N A, Edwin Saju, A Surya Balaji, Prashanth P Nair, Jayanth Ramavarma, P J Roshan, Sravan Varghese, Srivathsan, Kamal V S, Namitha Sabin, Dona Maria John, Aditya Krishnan, Akshay Sunil, Abhiram KG. Akhil S Babu Placed in Wipro. Jayanth Ramavarma, Srivathsan Placed in TCS Sneha, Milna Eldho, Agna Tharian placed in IBS Anandhu PM, Ananthakrishnan K Placed in Quest Global Adi Shankara Institute of Engineering and Technology, Kalady has signed an MOU with Infosys as part of their Campus connects initiative. Campus Connect(CC) has been expanded with respect to the scope and offerings as CC 2.0 powered by the digital platform of Infosys called Infosys Springboard. A five day training program on .NET was offered to the S7 CSE students starting from 22/10/2021 by the Department of Computer Science and Engineering, ASIET. 'Suyati' has selected 15 students from our college who came top in their ranking, for the industry collaborated projects as part of the MOU signed with Suyati.Ltd. October 2021 Placement . Farewell program of 2017-2021 CSE & IT batch was conducted on 30/10/2021 at the campus Dona Maria, Anandhakrishnan K M, Aparna T G, Akshay Sunil, Abhiram K G, Eby Stephen, Aravind Krishna, Abhimaneu K J, Aswath Suresh, Sreehari Jeevan, Gouri V Ramesh, Manu Lalu, Rose Maria Baiju,Shivali K A, Gopalakrishnan R, Midhun K S of S7 CSE Placed in TCS Arjun S, David P T, Akhil S Babu, Anusree, Arya K M, V Krishnadev, Pooja Nair, Jayanth Rama Varma, Sravan Varghese, Srivathsan, P J Roshan, Namitha Sabin of S7 CSE are placed in Quest Global Arjun S, Abhiram K G, Abhimaneu K J, Aswath Suresh, Elias Thampi, Adithya Krishna of S7 CSE are placed in MARLABS. Arjun S, Anusree, Elias Thampi, Goutham G Panicker, Ardra N P, Anagha A Nair, Anu Manjooran, Srivathsan, Namitha Sabin, Sagar Saji, Mennakshi P G, Vidhuja K of S7 CSE Placed in Musigma Congratulations to the students of IEEE for receiving the IEEE Regional Exemplary Student Branch

Award 2021. September 2021 MoU with Suyati Placement AdiShankara Institute of Engineering & Technology signs MOU with SUYATI TECHNOLOGIES Pvt.Ltd. According to the MOU, Suyati Technologies Pvt.Ltd has agreed to provide training to both students and teachers in advanced courses like Data Science, Artificial Intelligence and Data Analytics which would enhance their knowledge these core areas. The training would also result in good placement for the students. Placement training program was provided to the 2022 passout batches of ASIET by Pragmatix. This was a 48 hours training session which started from 18/08/2021 to 20/09/2021. The session covered quantitative aptitude, company specific aptitude , verbal English , numerical aptitude, logical reasoning, basics of coding and programming with company specific stands. In addition separate classes on Resume building and mock interviews were done. August 2021 Placement Akhila Asok, Manuvel Varghese and Muhammed Ilyas M A of S8 CSE Placed in Hasmap(NTT Data) July 2021 LoRaWAN IoT Lab Department of CSE and IT has successfully implemented the Industry-supported IoT Research Lab in collaboration with International Centre for Free and Open Source Software (ICFOSS). Adi Shankara Institute of Engineering and Technology is the first Engineering Institution in Ernakulam district and one among the 14 such facilities in Kerala. The LoRaWAN specification is a Low Power, Wide Area (LPWA) networking protocol designed to wirelessly connect battery operated 'things' to the Internet in regional, national or global. ICRAI' 21 was a premier International technical conference hosted by Adi Shankara Institute of Engineering and Technology, Kalady, Kerala, India, in association with ScotsHunt,UK, Computer Society of India, International Society of Automation organized by Dept. of Computer Science & Engineering , ASIET on 29th and 30th June 2021. The Conference was inaugurated by Shri.K.Anand, Managing Trustee, Adishankara Trust. This was a major International Conference bringing together researchers, engineers and practitioners who work in the areas of artificial intelligence and its applications in the industry and real world. This conference was not only a spectacular meeting to share information and knowledge about futuristic technologies and its challenges , but also a pivotal help to build an effective platform for communication and cooperation among the researchers/academicians worldwide. More than 100 papers were received out of which 90 papers were selected for the presentation. Twenty five papers were selected for publication in the journal and 65 papers in the journal proceedings. June 2021 Placement Naveen Subbaram, Aditi Namboodiripad, Fathimath Sunitha, Reshma Sabu and Sarath S of S8 CSE Placed in Wipro Limited. V Tushar Balakrishnan, Gopika B, Saurav S Krishnan, Sarath, Lakshmi M S, Deepak Surendran Pillai, Aybel Davis, Aalap P Joshy, Anand M Bhat, Krishnapriya B, Riya Cherian, Sruthy S Nair, Mareena Kunjachan of S8 CSE Placed in Infosys V Tushar Balakrishnan, Arathy S Kumar, Deepak Surendran Pillai, Sreelakshmi T S, Sruthy S Nair, Subith O Babu, Arun Varghese of S8 CSE Placed in Poornam Info Vision Pvt. Ltd. Rizni Abullies of S8 CSE Placed in IBM Vrinda Vinod of S8 CSE Placed in Thought Leading Education Pvt Ltd Krishnapriya B of S8 CSE Placed in ACCENTURE Adithya Shenoi, Aagneyan Namboodiri of S8 CSE Placed in MITSOGO Githin Tomy of S8 CSE Placed in TCS Digital Adithya Shenoi of S8 CSE Placed in NeST Digital Private Limited and KeyValue Software Systems Riya Cherian of S8 CSE Placed in NeST Digital Private Limited Fathimath Sunitha of S8 CSE Placed in App Associates May 2021 Department Association Department of Computer Science & Engineering conducted an outreach program on "How to plan for Start-up and IPR, Legal & Ethical Steps" in association with IIC. The session was handled by Asst.Prof.Ajay Basil Varghese, Nodel Officer, IEDC/TBI, ASIET and co-ordinated by Asst.Prof.Ramesh R, Sanjay Gireesan, Kshama P Kamath, U Harikrishnan and Linu Joy of S2 CSE B. The participants included both Engineering and plus two students. April 2021 Placement Sandra Surendran, Saurav S Krishnan and Krishnapriya B of S8 CSE Placed in UST Global & Image Infosystems Sreelakshmi T S, Riya Cherian, Aalap P Joshy (S8 CSE) Placed in Image Infosystems. Rahul Manoj Placed in UST Global

March 2021 LoRaWAN HANDS-ON WORKSHOP ICFOSS, Govt of Kerala in association with Dept of CSE, Adi Shankara Institute of Engineering and Technology (ASIET), Kalady organised a 5 days Hands-on Skills development program on IoT LoRaWAN from 15/03/2021 to 19/03/2021for students and faculty members. The program was fully packed with the basics of setting up IoT devices from scratch to setting up an advance LoRaWAN IoT modules. The faculties in-charge of the event were

Dr.Sujithkumar P S, Asst.Prof.Divya K S, Asst.Prof.Asha Rose and Asst.Prof.Ajay Basil Varghese COMPUTER SOCIETY OF INDIA (CSI) "ENIGMA", a technical quiz was conducted on 29/03/2021 for the first year students and the winners are Paul Thomas of S1 CSE B, Harikrishnan of S1 CSE (AI) and Karthik P S of S1 CSE (AI).

January 2021 FDP on Python Programming Department of Computer Science and Engineering, ASIET, Kalady, Kerala conducted a two day Faculty Development Program on Python Programming by Team TCS on 4th and 5th February 2021.

PLACEMENTS 6 students from S7 CSE got placed in Sutherland Global Services. IEDC SUMMIT 2021 Asia's Largest Virtual Summit for aspiring entrepreneurs was hosted by ASIET in association with Kerala Startup Mission on 28th to 30th January 2021. The event was a great success and K Sidharth, Mohamed Fayiz E, Prashanth P Nair, Niranj U, Meenakshi PD, Anwin KP and Anirudh D of S5 CSE were the volunteers for the event.

December 2020 COMPUTER SOCIETY OF INDIA (CSI) The CSI chapter of the Computer Science and Engineering Department conducted an online event "Talk on IPR" by Dr. Vishnu Sankar P, Research Officer, CUSAT on 14th December 2020 and 120 students from our department participated in it.

Recent Placements 15 students of S7 CSE got placed in Tata Consultancy Services and 2 students in FACTWEAVER. November 2020 Multimedia Research Lab Inauguration Multimedia Research Lab Funded by AICTE-AQIS- MODROB Inaugurated by Sri. K. Anand, Managing Trustee, Adi Shankara Trust on 18th November 2020. Placement Seven students of S7 CSE got placed in H&R Block and DEXLOCK Adi Shankara Digital Academy (ASDA) ASDA was launched by Honourable Vice President, Venkiah Naidu on 27th November 2020. The subjects offered by the Computer Science and Engineering department are "Cloud Computing" and "Cyber Security" which are coordinated by Asst. Professor Mr. Ramesh R and Dr.Vince Paul. The other faculties played a major role in scripting and presenting includes Asst. Prof. Divya G, Asst. Prof. Jain Stoble B, Asst.Prof.Rosemary Varghese and Asst.Prof.Remya Vinayakumar.

"BEGIN YOUR JOURNEY THE RIGHT WAY" ICFOSSE EVENT The alumni Jagannath Bhatt, Cyber Security Engineer (Ernst & Young) had given a talk to our students on "Begin your journey right way" on 7th November, 2020

October 2020 Webinar by Dr Hari Koduveli Department of Computer Science and Engineering, ASIET had conducted a webinar on "Bayesian Inference in Machine Learning" on October 10th 2020 by Dr. Hari Koduveli and all the faculties from Computer Science and Engineering Department participated in it.

IIRS-ISRO Outreach Programme Department of Computer Science and Engineering - A Remote Center for IIRS-ISRO outreach network. Up Coming Courses RS and GIS Applications [November 2nd to 20th 2020] Basics of Geo computation and Geoweb Services [October 19th to 29th 2020] Target Participants:- Student of undergraduate and Postgraduate courses Technical Staff. Faculty/Researchers at Institutions. Coordinator:- Dr. Manish T I Webinar by Dr.Vince Paul NIMS University, Jaipur had conducted a webinar on September 5th on the topic "Online Education" and Prof.Vince Paul from CSE Department was the Key Speaker and guest of the day.

RECENT PLACEMENTS The current status of offers received by S8 CSE is 100 for 62 students and S8 IT is 38 for 35 students. PLACEMENT DRIVE Splendid and remarkable start for 2021 passouts. Below mentioned are the companies that have visited our campus for Placement drives on virtual platforms : Soti Hexaware HR Blocks TCS Chegg India The forthcoming drives in November would be as follows. Factweaver Progate Solutions CTS Wipro PLACEMENT TRAINING Placement Training has been done by Team pragmatix where they up-skill the students to be placed specifically for TCS NQT. During this program they cover all the required aspects of quantitative aptitude, verbal ability, programming concepts and coding skills. They have also conducted mock sessions virtually for 2021 passouts.

FIRST YEAR ORIENTATION PROGRAMME Online Orientation programme for the 2020-2024 CSE and CSE (AI) batch started on October 12th. The schedule includes Industry Expert talks, Alumni Talk, Literary sessions, Campus Mentoring, Wellness Yoga and Meditation, Personality Development sessions and Refresher classes for Mathematics and Science.

September 2020 Jeeva Vaayu ventilator (JV 50) to help overcome the COVID19 pandemic Kerala Startup Mission has validated the emergency ventilator developed under the supervision of Ass.Prof Ajay Basil Varghese (Dept of CSE) and issued a purchase order for manufacturing 10 units of Jeeva Vaayu ventilator (JV 50) to help overcome the COVID19 pandemic. A fund of Rs 3 Lakhs got sanctioned from the CSR fund of PGIM India Mutual Funds for the same

NSS ACTIVITY NSS unit and Bhoomitra Sena club of Adi Shankara Institute of Engineering and Technology in collaboration with Kochi Metro Rail extend their

"Aranya Project " meant to revitalise mother nature to Okkal Thuruth on 24th September by planting more than 40 saplings. Our students from CSE and IT department were involved in this great initiative. Placement TCS will be in our campus for the placement drive in the month of October PLACEMENT TRAINING The faculties of Computer Science and Engineering Department have been involved in giving placement training for the students of S7 CSE and S7 IT from the month of August 2020 from 2:30pm-3:30pm on a timetable basis. The faculties involved are Ass.Prof. Joseph George, Ass.Prof. Sumesh MS, Asc.Prof. Deepika MP, Prof. Manish TI, Ass.Prof. Divya KS, Ass.Prof. Jain Stoble, Ass.Prof. Remya Vinayakumar, Ass.Prof. Asha Rose Thomas, Ass.Prof. Gripsy Paul, Ass.Prof. Teena George, Ass.Prof. Raghi Menon , Ass.Prof. Sreereshmi TS and Ass.Prof. Divya G S8 results. S8 results 100% pass in CSE & IT. August 2020 Dr. Hari Koduvely new Department Advisory Board member from the month of August 2020 and he addressed the faculties of CSE Department. Dear Faculties, Students and Parents we are very fortunate to have Dr. Hari Koduvely (<https://ca.linkedin.com/in/harikoduvely>) in our Department Advisory Board from the month of August 2020. He is currently the Data Scientist at Veem, Canada and has previously worked with MNCs like Zighra, Samsung R&D Institute, Amazon and Infosys as a Data Scientist. He has more than 16 years of International experience in Machine Learning in industrial R&D context. Dr. Hari Koduvely addressed the faculties of CSE and Maths department on 22/8/2020 regarding various research projects and has promised to extend his support in the area of Research and Development. Beginning of a new semester- "Online mode" Due to the pandemic situation, as per the instruction from KTU the new semester (S3, S5, S7) has begun in the online mode from 17/8/2020. Theory classes are from 9:30am - 12:15pm and lab sessions are conducted from 1:30pm-2:15pm including Saturdays. May 2020 IBM SYSML workshop ASAP in collaboration with IBM had conducted a workshop on 'System Modelling Language' and our students Arathy S Kumar, Athira S kumar, Saurav S Krishnan, Sruthy S Nair, Aparna N Kartha, Riya Cherian, Reshma Sabu, Sreelakshmi T S, Sreehary Prasad, Naveen Subbaram, Sandra Surendran, Aditi Namboodiripad, Shilpa Shivan, Rahul Manoj, Shaun Antony Mark A F, Krishnapriya B, Aparna A V and Anand M Bhat from S6 CSE participated in it conducted from 4th to 8th May 2020. IEEE Webinar series Conducted "Comperio Webinar Series" which included 90 participants on 2nd and 3rd May 2020. IEEE Technical Quiz IEEE conducted an online technical quiz on 21st May 2020 named "BrainIt" and 54 students participated in it. April 2020 Integrated Government Online Training (iGOT) An online training on Covid-19 pandemic was initiated by the Government for doctors, nurses, health workers etc and NSS volunteers from S6 CSE had undergone this training. The students who participated in it are Alby Johnson, Reshma S, Meenon, Rizni Abullies, Lakshmi M S, Gopika B, Aiswarya Radhakrishnan, Krishnapriya B, Githin Tomy, Aparna N Kartha, Riya Cheriyan and Reshma Sabu conducted on 24th April 2020. ONLINE TEACHING As the world has come to a pause due to the corona virus pandemic, we the faculties of Adi Shankara Institute of Engineering and Technology fight against it by spreading education to our students in the best way possible. Online classes are being conducted through different platforms like Google Classroom, Canvas, ASIET linways etc. Video lectures are created and uploaded in the faculties youtube channel for the students to refer and study. A weekly assessment is done so as to evaluate the teaching and learning effectiveness. IEEE Code debugging contest 'Untangle' was conducted on 13/4/2020 FOSS CELL IEEE along with FOSS CELL conducted a webinar on 'Introduction to Git and Git Hub' on 28/4/2020. March 2020 STARTUP VENTURE Our Startup venture 'Machbee' incubated at Adi Shankara TBI got an exclusive opportunity to present their innovative product 'Intelligent Cooking Stove' with Sri R Ramanan (Mission Director, Atal Innovation Mission) in the presence of Padma Sri Dr V R Gowrishankar (Administrator & CEO, Sringeri Mutt). In addition Machbee also receive full funding and R&D support from Atal Incubation Centre-JITF, Bangalore. IEEE As part of WIE Week Celebrations, the Women in Engineering (WIE) affinity group in association with IAS SB Chapter of IEEE SB ASIET conducted 'HerStory', a session by Ms. Megha Ben, Vice Chair, IEEE CS MGA Board for Student and Young Professional Activities on 9th March, 2020. The achievements and story of Ms. Megha inspired the girl students to be confident in their skin and proactive to become a successful person. February 2020 Official Facebook page Department of CSE & IT has an official Facebook page with all major updates. You may go through the given link

to view the latest news updates. <https://www.facebook.com/CSEITASIIET> IEEE IEEE Computer Society Chapter of our Institution has added a feather in the cap of ASIET by bagging the 2019 Outstanding Chapter Award. Our chapter chaired by Mr. Vidhu Hari of S8 CSE has made history by bringing in this award at a global level in the second year itself since the chapter started. Selection Criteria for this include, new member additions, innovative activities conducted & level of participation of members in activities during the year 2019. Congrats to Vidhu & team and Prof. Sankaranayaki K - Branch Counselor, Prof. Teena George & Prof. Gripsy Paul M - Staff Advisors during the period. Soft skill development training Soft skills training conducted for S6 CSE and IT students by Professional Development and Training Department on 12/2/2020 January 2020 IOT Research Lab Department of CSE and IT has successfully implemented the Industry-supported IoT Research Lab in collaboration with International Centre for Free and Open Source Software (ICFOSS). Adi Shankara Institute of Engineering and Technology is the first Engineering Institution in Ernakulam district and one among the 14 such facilities in Kerala. Google Faculty training As part of Google's student-focused skill initiative, Google Cloud has launched a student-focused Cloud Engineer Career Readiness Program. The program offers market-ready curriculum to help students from higher education institutions achieve industry readiness by completing the Associate Cloud Engineer Certification. Google along with the Advanced Skill Development Center Division (ASAP) conducted a workshop on basic introduction to the Career Readiness Program and Google Cloud Platform for the faculties of the Ernakulam District. A training session on GCP Essentials was conducted by their certified trainers at the Adi Shankara Institute of Engineering and Technology on 16th January, 2020. The function was presided by Mrs. Neethu Sathyan, ASAP District Manager, Ernakulam and felicitated by Mr. Akshit Jain, Program Manager(India), Google. Seventy five faculties from different institutions participated in the training program which was coordinated by the faculties Prof.Ramesh R and Prof.Remya Vinayakumar. Bio informatics research lab Bio informatics research lab in association with IEEE CS chapter and Foss cell, conducted an amazing talk on advances and future direction of Bioinformatics on 18th November, 2019 in CS seminar Hall. The session was handled by Dr.Madhu P C, Asst Professor, METS School of Engineering, Mala. The faculties in charge of the Bio Informatics Research lab are Prof. divya KS and Prof. Jain Stoble. Industry Institute Interaction Prof. Deepika, Prof.Rosemary Varghese, Prof.Jain Stoble, Prof. Asha Rose and Prof.Ajay Basil had an industrial visit to 'Nittagelatin' as a part of industry institute interaction on January 13th, 2020. Industrial visit to TCS, Kochi The second semester students had their Industrial visit to TCS, Kochi on 7th of January, 2020 and attended a session on 'Agile Methodology' along with the faculties Prof.Joseph George, Prof.Remya Vinayakumar, Prof.Gripsy Paul and Prof.Neetha K Nataraj. December 2019 All Kerala Computer Society Students Convention (AKCSSC) from 22/12/19 - 23/12/19 at SJ CET Palai ATAL FDP ON BLOCKCHAIN Computer Science and Engineering department along with the Information Technology department and Electrical and Electronics department conducted the AICTE training and learning (ATAL) faculty development program on 'Blockchain, from December 9th - 13th 2019, which was organized by the centre for Multidisciplinary Research (MESCE) and Kerala State C-apt from December 9th- 13th, 2019 at ASIET campus. The FDP was inaugurated by Dr. Ramesh Unnikrishnan, Director AICTE in the presence of Dr.Rajasree MS, Vice Chancellor KTU and Dr.Abdul Rahman, Managing Director, C-apt. LATEX Workshop The IEEE Computer Society Chapter of IEEE student branch at Adi Shankara Institute of Engineering & Technology in collaboration with ICFOSS Cell of the institute conducted a one day workshop on the basis of LATEX. Dr. Anand Raj Hariharan, (HOD-ME) & Prof. Simi M S was the resource persons. October 2019 Product development using freeCAD. FOSS Cell of CSE and IT, under the leadership of Prof.Asha Rose Thomas and Prof.Divya K S organised a one day seminar on "Product development using freeCAD" in association with ICFOSS, INCAETEK and Adi Shankara TBI. Sessions were taken by Mr.Kailas E K from ICFOSS, Mr.Rahul Pillai, Mr.Dipin and Mr.Vimal from INCAETEK on 29th October 2019. ACM student chapter inauguration The department of CSE & IT of ASIET has brought up the curtain of the ACM student chapter, which is globally popular community of computing professionals and students. ASIET was blessed by the presence of Dr. M. Sudheep Elayidom(Asso. Prof. CUSAT).Prof.Sunder V(CSE) and Prof.Simi M S(CSE), are faculty sponsors. DEXTRA 2019 The department association of Computer

Science & Engineering & Information Technology has started off its activities for the year overhead with the story telling by renowned RJ Mr. Joseph Annamkutty Jose. Faculty coordinators Prof. Joseph Goerge and Prof. Ierin Babu introduced the EXECOM members. Prof. Asha Panicker, principal and Prof. Unnikrishnan K N, HOD CSE & IT Dept. addressed the gathering on 15th October 2019. September 2019 Arduino Workshop CSI organised CSI event "Arduino Workshop" at CSE seminar hall. Under the coordination of Prof. Manish T I and Prof. Neetha K. Nataraj. 55 students from CSE and IT participated in the same on September 25th 2019. May 2019 Technical Fest in association with CS chapter of IEEE SB ASIET, CSI, Adi Shankara Bootcamp, ICFOSS and Tinkerhub The two day fest consisted of different kinds of technical events such as Workshops, Hackathons, Talks, Technical Quizzes as well as fun events such as Technical Treasure hunts and Lan Gaming. The workshops included a session on Introduction to Blockchain handled by Prof. Sankara Nayaki K and Mr. Sreehari Vishnu(S6 IT), and Blogging by Dr Manish T I. Several Workshops handled by our Students of S6 are Blackhat Cybersecurity, Web Design with Google Firebase, Adobe Photoshop and Working with Adobe Premiere Pro on 3rd and 4th of May 2019. April 2019 Expert talk on Science and Spirituality Talk by Mr. Abhilash P P, Research Scholar, IIT (BHU), Varanasi on the topic "Science and Spirituality" was organised by The Department of CSE & IT in association with IEEE SB ASIET and CSI at CSE Seminar Hall. . Coordinator: Prof. Anaswara Jayan on 11th April 2019 Film making workshop & inauguration of mrl Department of CSE & IT in association with the CS chapter of IEEE SB, IEDC and CSI conducted a Film Making Workshop. The workshop was handled by the eminent film maker Mr. Karthik Rajagopal. He Inaugurated our Multimedia & Research Lab on this occasion. Coordinators: Prof. Gokilavani M Prof. Sunder V on 9th April 2019. Expert talk on fostering innovations Talk by Mr. Robin Tommy, Incubation Head, TCS, Thiruvananthapuram on the topic "Fostering Innovations" organized by the Department of CSE & IT, ASIET in association with IEDC and Computer Society of India at Main Seminar Hall. Coordinator: Prof. Ierin Babu on 8th April 2019. Women Hackathon and work shop Department of CSE & IT, ASIET and ICFOSS Trivandrum, Kerala, jointly organized a Women Hackathon. As part of this event, a workshop was arranged on the topic "Debian OS" Coordinators: Prof. Divya K. S, Prof. Asha Rose Thomas on 4th & 5th April 2019. March 2019 Cyber Security Workshop A Workshop on Cyber Security was specifically designed to provide the right knowledge to the aspiring Hacking and Cyber Securities as a part of Brahma 2019 on 6th March 2019. Technical Talk on Remote Sensing and its applications Remote Sensing and its Applications by Ms. Remya S N, Research scholar IIISC Bangalore. Her session was about various applications of GIS, Image processing and analytics on 25th March 2019 Expert Talk on Challenges encountered in constructing a satellite Dr. Murthy Remilla (Sci/Engr-SG, URSC, ISRO) handled a session on challenges encountered in constructing a satellite. He also explained different parts of a satellite on 23rd March 2019 Workshop on Machine Learning Workshop on Machine Learning by Dr. B.S Charulatha, Professor, Dept. of CSE, Rajalakshmi Engineering College, Chennai on 22nd March 2019. Expert talk on Software Engineering Talk by Arun Narayanan Thekkethil, Delivery Owner - Banking and Financial Services, TCS Kochi- coordinated by Prof. Raghi R Menon & Prof. Vidhya Gopinath. The focus of this talk is to fill the gap between software engineering concepts studied in academics and its application in industry on 12th March 2019 Data Analytics workshop 3-day Workshop on Data Analytics organized by Prof. Ramesh R and Prof. Divya G and was inaugurated by Dr. Judy M V, Associate Professor, Department of Computer Applications, CUSAT. The workshop was mainly focused on Big Data Analytics, Hadoop Cluster and Map Reduce on 21st March 2019 Inauguration of Data Analytics & Research Lab Inauguration of Data Analytics Research lab by Sri. K. Anand, Managing Trustee, Adi Shankara Institute of Engineering & technology, Kalady on 21st March 2019 February 2019 Triumph Workshop Triumph on Board Diagnostics using TDT-Triumph Diagnostics Tool organized by Prof. Gripsy Paul. The workshop provided an insight into the history of Triumph, the evolution of motorcycles, categories, uses, etc. The triumph team demonstrated the working of OBD tool for diagnosing the issues in a motorcycle on 27th February 2019. Web Development workshop As a part of Women Empowerment Initiative, Adi Shankara IEDC in association with IEEE WIE & CSI have hosted a 2 days Web Development workshop for the girl students of ASIET. The workshop was led by our own girl students Vrinda Vinod, Megha S and Aparna A V from S4 CSE. 25 students from various departments attended the same

on 21st February 2019. National Science Day celebrations Dept of CSE & BSH in association with IEDC jointly organized National Science Day celebrations. This event is co-sponsored by KSCSTE. Dr. B Manikiam, Sir MV-ISRO Chair Professor, Bangalore University, delivered Expert Address on "The Role of Satellite in Science & Technology". Science Quiz and Science Expo was arranged for and by our first year students on 25th February 2019. January 2019 Workshop on "Bioinformatics using Machine Learning" Workshop was organized in association with Department of Computational Biology and Bioinformatics, University of Kerala. Ms. Sunitha P, Ms. Suma Anil, Ms. Rashmi S, Ms. Shahina K, Dr. Biji C. L from University of Kerala were the resource persons on 28th & 29th January 2019. An ICFOSS sponsored workshop FOSS awareness and GNU/Linux installation was delivered by Prof. Jestin Joy, Assistant Professor, CSE Department FISAT on a workshop on networking tools A workshop on networking tools was delivered by Dr. Murali P, Mr. Basil C Sunny and Mr. Ramesh for the students of S6 CSE. The workshop dealt with the familiarization and usage of various networking tools and its functionalities in the field of networking November 2018 Inauguration & Workshop-Bio Informatics Department of CSE Inaugurated Bioinformatics Research Lab on 26.11.2018. Dr. Biji C. L, Faculty, Department of Computational Biology and Bioinformatics, University of Kerala was the Chief Guest on 26th November 2018. Coordinators - Jain Stoble, Divya K. S & Ramesh R October 2017 Workshop on Design Patens IT department hosted Workshop on Design Patens for third year IT students and staff. Mr. Sumesh C Raman was the resource person. The purpose of this workshop was to hold an interactive discussion about various design patens in Java. The workshop showed how the Design Patterns can contribute in solving various design problems. Participants exploded to different types of design patterns in Java on 7th October 2017 September 2017 Ethical Hacking workshop CSI Student Chapter conducted Ethical Hacking workshop. The resource person, Mr. Rizwan Shaik is an eminent person working in the field of cyber security for many years. The workshop dealt with using and identifying the loopholes and vulnerabilities in providing internet security and keeping one anonymous in the cyber world on 22nd to 24th September 2017 AI workshop CSI student chapter, conducted AI workshop. Mr. AASIF MULTANI was the resource person. It dealt with using Artificial Intelligence for developing end products and coding using Python Session of 16th September mainly dealt with the basics of Python. On 17th September coding in python was used to implement and use AI supported soft products on 16th and 17th September 2017

Month & Year Student Achievement April 2024 Dyna Joshy of S6 CSE A Dyna Joshy (S6 CSE A) has achieved first place in the "Idea Fusion" idea submission competition, organized by the IEDC VISAT during their techno-cultural event. Her project focused on sustainable and intelligent energy production within the circular economy March 2024 Sanjay Gireesan of S7 CSE Byte Quest, an exhilarating IT quiz organized by the Department of Computer Science and Engineering, took place on March 1, Sanjay Gireesan, our S8 CSE student was the quiz master skillfully hosted the event,. students from S6 and S8 of the Computer Science and Engineering (CSE) and CSE-AI participated in an onsite training session organized by EBSCO and IEEE Xplore. The session, held at the CCF lab ASIET, provided attendees with a unique opportunity to interact directly with EBSCO and IEEE Xplore resources. AMAL MATHEW AND HARI KRISHNAN H At the Y Summit 2024, Amal Mathew and Hari Krishnan H, representing S6 of the CS department of ASIET Kalady, were celebrated with prestigious awards for young innovators Ashwin Pushparaj, Advait Suresh, Akash Krishnan Nair Presented paper on "Survey on Personalized Voice Assistant" at IEEE RAICS 2024 Held At M. A College of Engineering Antony Thomas, Ashwin Raguraj, Gayathri Devanand Presented paper on "Automatic Pill Dispenser for Elderly Medical Adherence: A Survey" at GALGOTIAS UNIVERSITY, GREATER NOIDA IEEE CONFERENCE -IC2PCT 2024 Anusha Manoj, Aravind P Menon, Gokul Krishna Presented paper on "Machine Learning and Deep Learning Architectures for Intrusion Detection System (IDS): A Survey" at IEEE RAICS 2024 Held At M. A College of Engineering Abhinav P R, Achyuth Unni, Gokul Suresh, Presented paper on "EduAR: Bridging the gap in education An AR-based educational app" at IEEE RAICS 2024 Held At M. A College of Engineering January 2024 Amal Mathew of S5 CSE, Dhikra Nazar and Joan Teresa Jose of S5 CSE AI Amal Mathew from 5th semester CSE, Dhikra Nazar, and Joan Teresa Jose from 5th semester CS(AI), has secured a prestigious prize money of

Rs.50,000 for their exceptional project titled "Handwriting Plotter." The competition, which attracted entries from various institutions, recognized the uniqueness and innovation demonstrated by the ASIET team. Jinsha KS of MTech Published a paper in the esteemed Indian Journal of Computer Science and Technology (Volume 3, Issue 1, January-April 2024). The paper, titled "Review on Detection and Rectification of Distorted Fingerprint", is a significant contribution to the field of fingerprint recognition technology December 2023 Students of S5 CSE Students of S5 CSE participating in Global Level Contest, GAMEATHON 6.0 organized by Department of Information Science and Engineering & BitsNBytes, Jyothi Institute of Technology, Bangaluru Sanjay Gireesan of S7 CSE As part of Ramanujan week Celebrations, BSH department and the Maths Club of ASIET conducted a quiz on "The History and Contributions of Indian Mathematics" on December 21, 2023. Sanjay Gireesan, our S7 CSE student was the quiz master. About 20 students from different streams participated in the event June 2023 Abhijith Jaideep, Anusha PS, Alwin George of S8 First in Aspren project competition Adith Menon Best Outgoing student Aadhithya Narayanan V A Academic Excellence award Ashna Saju Academic Excellence award Ajay Antu Academic Excellence award Merin James Academic Excellence award Alfiya MJ Academic Excellence award Anjana Rajesh First in Novus condunted by IEEE Manuel Saju Second in Novus condunted by IEEE Antony Thomas, Ashwin Raguraj, K K Haridev, U Harikrishnan, Roshan Davis, Sreeram K R, Yadhukrishnan M S, Jaison T Poullose Selected for paid internship at Suyati Amritha R of CSE Completed 8 week MOOC course April 2023 Elswin P Eldho & Basil Paul of S2 CSE First place in Glowball, conducted as part of Brahma 23 Gauri S Nair, Linsa Varghese of S2 CSE Won first place in Knives Out, conducted as part of Brahma 23 March 2023 CS Pooja, Dona Antony, Akshara S, Principal Investigator - Prof. Manesh T Project Detection of DoS attacks towards WiFi and IoT networks selected for CERD funding Hamna Hassan , Abhishek Hareesan Menon, Alfiya MJ, Principal Investigator: Prof. Simi MS (Assistant Professor), Co-Investigator: Prof. Gripsy Paul (Assistant Professor). Project - Emergency Assistant for Paralyzed using Eye Blink Detection selected for CERD Funding Afsana Shahul, Akhil Babu, Aiswarya Vijay Principal Investigator: Prof. Prabhu M (Assistant Professor) Co-Investigator: Prof. Sobha T (Associate Professor). Project - Counterfeit Drug Detection using Blockchain and Machine Learning selected for CERD Funding Gokul Krishnan C M, Royal Babu, Amaan Umer Runners up Gamethon Sudeep of S6 CSE-B Second prize in the Kavitha Parayanam event at Ragam 23, organized by NIT Calicut Joseph Shal from of S6 CSE-B Winning the 4th prize in Fitness Tricks. Sanjay Gireesan S6 CSE B Second prize for Tech Quiz at IES College of Engineering, Thrissur. February 2023 Antony Thomas of S6 CSA Successfully completed an online course "Introduction to Software, Programming and Databases" authorized by IBM Skills Networks through Coursera. Alyn George of S4 CSAI Won the "Cassa Creatio" competition organized by the Indian Geological Society Abhinav Raj of S4 CSA Selected for KTU University cricket team July 2022 Chris Joseph Thomas (S6 CS A) Wnning Idea Pitching May 2022 Ajay Antu Got first prize in "Coding Duo" April 2022 Akhila R Nair, Merin James, Alfiya M J, Ravathy Jess, Adithyanarayanan V A, Haritha M, Sneha M, Lekshmi Sharma, Sruthilaya Jyothidas, Sravana A J, Aiswarya Baiju, Ajay Antu, Ashna Saju, Honey M, Akash A Nair, Anusha P S, Jeswin James, Jishma Murali of S6 CSE Achieved outstanding SGPA score 9.0 and above in the KTU S4 University examination held in July 2021. February 2022 The students of S5 CSE A Conducted case study on the following topics as a part of the Disaster Management subject under the guidance of Asst.Prof.Anila S. Kerala floods Kerala cyclones Hydrological drought frequency analysis in south Kerala Covid 19, pandemic in Kerala 2021 Nipah virus outbreak in Kerala Sabarimala stampede Surya Balaji S8 CSE Selected to KTU D Zone cricket team. January 2022 Ashwin Raguraj and Gayathri Devanand of S3 CSE A, Completed Internship and Training conducted by SkillVertex from 09/12/2021 to 05/01/2022 Ashna Saju of S5 CSE A Qualified to the second level in '5th National Engineering Olympiad', a National level Olympiad conducted for engineering students Athira Bhadrans of S3 CSE A Secured second prize in 'Article writing' , an event conducted by IEEE RAS on 26/01/2022. Gokul Krishna M of S3 CSE A, Selected as a volunteer on Job Fair conducted by Kerala Knowledge Economy mission (KKEM) at St. Teresa's College, Kochi on 16/01/2022 Devika N of S5 CSE A Completed a course on 'Python for Everybody' in Coursera in the month of January 2022. Ankith S Bhaktha of S5 CSE A Completed a course on 'Python for

cybersecurity' in Coursera in the month of January 2022. March 2021 Naveen Subbaram, Herald Martin, Adithya Shenoi, Sreehari Prasad, Salbin Sadik, Athira S Kumar, Arathy S Kumar, Muhammed Ilyas M.A, Benison Sebastian Valiplackal, Lakshmi M S, Rahul Manoj, Vinayak M R, Aagneyan Namboodiri, Aalap P Joshy, Anand M Bhat, Krishnapriya B, Riya Cheriyan, Rizni Abullies, Sreelakshmi T S, Sruthy S Nair, Subith O Babu, Suraj Kumar M, Amal Dev of S8 CSE Placed in Sutherland Global Services Mareena Kunjachan of S8 CSE The Project, "D-GLASS: THE AI BASED CARE GIVER FOR DEMENTIAPATIENTS", of Asst.Prof. M.Gokilavani (Principal Investigator), Mareena Kunjachan (S8 CSE - Co-Investigator) and Asst.Prof.Ajay Basil Varghese (Co-Investigator) has been selected for Nidhi Prayas Programme under the Department of Science & Technology (DST) in Nidhi Prayas Grant. An amount of INR 3 Lakhs has been sanctioned against the proposal by the committee on 10th March 2021 and have successfully signed MoU with maker village to start the company. Participated in the "Android Study Jams 2021" conducted by Google Students Club on 09/03/2021. Cyril C Kurian of S1 CSE Attended "Python and Computer Vision Boot camp" from 28/02/2021 to 06/03/2021. February 2021 Naveen Subbaram, Reshma Sabu, Megha S, Fathimath Sunitha, Salbin Sadik S7 CSE Placed in Quest Global Yadu N S, Aiswarya Radhakrishnan B, Sarath, Benison Sebastian, Lakshmi M S, Yadhukrishnan E M S7 CSE Placed in Experion Krishna V Chandran, Vishnu V Nair S7 IT Placed in Quest Global Cyril C Kurian of S1 CSE A Completed the Android Kotlin fundamentals course through the Android Study Jams program and python and deep learning Bootcamp organized by Shape AI. Athira Bhadrans and Cyril C Kurian of S1 CSE A Participated in hack 21, a forty hour Hackathon conducted by IEEE MACESB. Aswathy Gopi Cyril C Kurian of S1 CSE A Attended Microsoft AI Classroom series organized by Microsoft India and NASSCOM Anjalo K Chacko of S7 CSE Completed an online non-credit course" Collaborating with G Suite Apps, Language Arts Confidence with Storybird, Creating a Free Business page with Blogger" on 25/02/2021, authorized by Coursera Project Network. Sarath A S of S7 CSE Took part in "The divergent Ad making competition" conducted by Rajagiri Business School Kakkanad on 14/02/2021. Aparna AV of S7 CSE Completed "Corporate Citizenship Programme in python by Techmindz" powered by N Dimension Solutions from November 2020 to January 2021. January 2021 Reshma S Menon, Reshma Sabu, Aditi Namboodiripad, Saurav S Krishnan, V Tushar Balakrishnan and Sandra Surendran of S7 CSE Placed in Sutherland Global Services. Anagha K S of S7 IT Secured 9.91 CGPA in B-Tech S6 University Exam. Cyril C Kurian of S1 CSE A Completed the data analytics course & presented a project as part of the TinkerWeek.Py learning campus conducted by Tinker Hub foundation. Megha Raju of S3 CSE B Completed "Microsoft

AI Classroom Series" in the month of January 2021. Aditi Namboodiripad, Aiswarya Radhakrishnan, Akanksha S, Anand M Bhat, Benison Sebastian, Lakshmi M S, Gopika B, Riya Cheriyan, Rizni Abullies, Salbin Sadik, Sreelakshmi T S, Sruthy S Nair and Vinayak M R of S7 CSE Attended a 12 Week Course-Online on Social Networks - NptelCourse. Adithya D Shenoi of S7 CSE Attended a "Tinkerhub Machine Learning Mentor" from 28/12/2020 to 23/01/2021. November 2021 Sruthy S Nair, Elsa Joseph S, Akanksha S Selected as Department Toppers in the Graduation Ceremony of 2017-21 Batch Aditi Namboodiripad Selected as Best Out-Going Student in the Graduation Ceremony of 2017-21 Batch Anagha KS Awarded the best outgoing student and topper of Department of Information Technology 2017-21 batch. 46 Students of CSE A (S2) Attended a MOOC Course on Problem Solving Through Programming in C By NPTEL. 45 Students of CSE B (S2) Attended The 2-Day workshop ThinkAlgo: an introduction to Algorithmic & Computational Thinking held on 27/11/21, 28/11/21. Quantum Learning organized a webinar on Microsoft & Google certification programs bundled with Internships. October 2021 Ajay Antu(S4 CSE A) S3 UNIVERSITY RESULT TOPPER SGPA - 10.0 Ashna Saju(S4 CSE A) S3 UNIVERSITY RESULT TOPPER SGPA- 10.0 Abijith Jaideep(S4 CSE A) S3 UNIVERSITY RESULT TOPPER SGPA- 10.0 Dona Antony of S4 CSE A Attended a "Curriculum Development Internship" on 09/10/2021. Paul Thomas of S2 CSE B Participated in the "PCB Designing Workshop" and worked as a Campus Ambassador of the event on 2/10/2021 & 3/10/2021. He also participated in "GDG DevFest India 2021", a webinar conducted by Google Developer Group from 22/10/2021-24/10/2021. December 2020 Adithya D Shenoi, Githin Tomy, Yadu N S, Vinayak M R, Suraj Kumar M, Shaun Antony Mark A F, Aagneyan Namboodiri, Reshma S Menon, Anand M Bhat, Aditi Namboodiripad, Jose Johny, Rizni Abullies, Sarath, Aiswarya Radhakrishnan and Akhil P V of S7 CSE Placed in Tata Consultancy Services Mareena Kunjachan and

Vrinda Vinod of S7 CSE Placed in Factweaver Jishma Murali, Joe Paul Jose Joseph George Padayatty, Kiran K Iyer, Kishore Babu, Lekshmi Sharma, Merin James, Najiya Sigeef, Paul Martin, Saandra Baasuri, Sathwik R, Seethalakshmi TS, Shruti Aswal, Sneha M, Sruthilaya Jyothidas, S Shankarakrishnan and Sudharsan of S3 CSE B Cybersecurity & Cyber Forensics workshop A 2-Day Hands on workshop on "Cyber security and Cyber Forensics" was conducted by WiE AGin association with WiC of IEEE SB ASIET on 28th and 29th of November 2020 Sudharsan, Sruthilaya Jyothidas, Sidharth Rajesh, Sidharth K Ajith, Maskinder Singh and Lekshmi Sharma of S3 CSE B Google Cloud Program The Developer Student Clubs ASIET and IEEE Computer Society Student Branch Chapter ASIET hosted a Google Cloud Program for 30 Days from 5th October to 5th November along with Google Cloud providing Free Qwiklabs and this program provided an opportunity to kick start a career in cloud and get hands on practice on Google Cloud Platform. Srinidhi D Pai of S5 CSE Participated in an online quiz competition "National Mathematics Quiz" on 22nd December 2020 and won first place in it. Lekshmi Sharma of S3 CSE B Participated in the event "Codepile", organised by Entrepreneurship Cell, IIT Kharagpur and Coding Ninjas on 25th November 2020 and also in a Quiz Competition conducted as part of Future proof - National Energy Conservation Day organised by IEEE PES SBS MES College of Engineering, Kuttipuram on 16th December 2020. Neethu M of S3 CSE B Participated in a quiz competition organised by Hero Moto Corp Limited on 28th November 2020. Jeswin Davis of S5 CSE Participated in "Google _ The bits and bytes of computer networking" on 15th December 2020. Joseph George Padayatty of S3 CSE B Attended a workshop organised by Scalar Edge on "Build your first ML project with Tensor flow" on 28th November 2020. Maskinder Singh, Sidharth Rajesh and Sudharsan of S3 CSE B Attended A webinar on "Internet of Things & Introduction to Blynk" organized by IEEE PES SBC CUSAT in collaboration with Developer Student Clubs CUSAT and Microsoft Student Partner on 6th December 2020. November 2020 Akansha S (S7 CSE) Placed in company named "H&R Block" Adithya D Shenoi, Githin Tomy, Benison Sebastian, Gopika B, Vrinda Vinod, Sarath of S7 CSE Placed in company named "Dexlock" Shama Thomas (S3 CSE-B) Participated in a webinar conducted by NSS Care Cell in connection with World Stroke Day on 29th November 2020. Jyothi Krishna P (S3 CSE-B) Mridhul Krishna P M (S3 CSE-B) "Begin your journey the right way", a webinar organized by TinkerHub ASIET in collaboration with ICFOSS on 7th November 2020 Sudharsan (S3 CSE-B) Participated in a webinar on "Natural Language Generation in Artificial Intelligence" organised by IEEE ComSoc SBC UKFCET & IEEE ComSoc Kerala Chapter on 25th October 2020 Jacob Santhosh (S5 CSE) Participated in a Webinar on "Hacking and Patching" on 16th November 2020. George Menezes (S7 CSE) Participated in a Webinar on "An Introduction to Google Cloud Platform" Conducted by the Google DSC in collaboration with the IEEE CS Student Branch Chapter of IEEE Student Branch on 10th November 2020 October 2020 Rohini L (S8 IT) Placed in Poornam Info.Vision Pvt. Ltd Arun Paul Varghese (S8 IT) Placed in Incubate Soft Tech Pvt. Ltd Niya Thomas of S8 IT Has been listed as one among the top 10 students with highest CGPA among all the Engineering Colleges under KTU Neethu M, Parvathy Babu, Sebastine Stombel, Shama Thomas and Sudharsan of S3 CSE B Had attended a webinar on "Introduction to Data Science/Machine Learning" organised by IEEE SB KMCTCE and IEEE Kerala Young Professionals on October 6th, 2020. Jeevan Nair PK, Jishma Murali, Lekshmi Sharma, Megha Raju, Merin James, Najiya Sigeef, Neethu M, Revathy Jess, Saandra Baasuri, Sathwik R, Shama Thomas, Shruti Aswal, Sneha M, Sravana AJ, Sruthilaya Jyothidas, S Shankarakrishnan, Sudharsan and Swaliha Shihab T of S3 CSE B Had participated in a webinar on "Introduction to Google Cloud Platform" organised by IEEE Computer Society ASIET in collaboration with Developer Student Club ASIET on October 10th, 2020. Jeeva Joy, Jishma Murali, Lekshmi Sharma, Merin James, Najiya Sigeef, Sandhra Jolly, Sarath K Anoop, Seethalakshmi TS, Shama Thomas, Sneha M, Sruthilaya Jyothidas and Sudharsan of S3 CSE B Had attended a webinar on "Soft Skill Development" organised by WIE AG of IEEE SIMAT SB on October 21st, 2020. Jeevan Nair PK, Joseph Jose, Kiran K Iyer, Paul Martin, Seethalakshmi TS, Shama Thomas, S Shankarakrishnan, Sudharsan and Vishnu Prasad of S3 CSE B Had attended a webinar on "Introduction to Machine Learning" organised by IEEE IMS Student Branch Chapter of ASIET on October 17th, 2020. Jeevan Nair PK, Jithu KS, Joe Paul Jose, Kiran K Iyer, Kishore Babu, Paul Martin, Saandra Baasuri, Salman Nazeer, Sathwik R, Shama Thomas, S Shankarakrishnan, Sudharsan and Vishnu Prasad of S3 CSE B Had attended a webinar on "Marine Robotics" organised by Robotics and Automation Society Chapter of

IEEE SB ASIET on October 18th, 2020. Joel Jojoy of S5 CSE Had attended a workshop on "Cracking Interviews and CV Building" on October 4th, 2020. Sruthy S Nair , Sreelakshmi T S, Sreehari Prasad, Saurav S Krishnan, Riya Cherian, Athira S Kumar, Arathy S Kumar and Aparna N Kartha of S7 CSE Had attended a webinar on "Python For Machine Learning", organized by Alumni Association with Computer Society of India (CSI) students Chapter, College of Engineering Pathanapuram on October 14th, 2020. Aparna A V and Akhila Ashok of S7 CSE Participated in the "World Blockchain Hackathon; The Babylon Project" from October 10th -12th, 2020. Jacob Santhosh from S5 CSE and Aparna A V, Akhila Ashok and Vrinda Vinod from S7 CSE Had participated in an online technical fest, "Dev2020", from October 16th -18th, 2020. September 2020 Placement status The current status of offers received by S8 CSE is 100 for 62 students and S8 IT is 35 for 35 students Hithin Sebastian (S8 IT), Chandan Dev(S8 CSE), Aadil Kather (S8 CSE), Abhishek Hari (S8 CSE) & Sundeep PS(S8 CSE) Recent Placements Hithin Sebastian (S8 IT) have placed in AMPLITUDE SOFTWARE SYSTEMS, Chandan Dev(S8 CSE) placed in MORLINFG GLOBAL Pvt.Ltd, Aadil Kather (S8 CSE) in Qburst, Abhishek Hari (S8 CSE) in Think & Learn, Sundeep PS(S8 CSE) in Qburst Toppers in CSE & IT Nezmi KA (CSE), Binishamol Joby (CSE), Niya Thomas (IT), Febina AE (CSE), R Vaidehi (CSE), Aswathy Asokan (CSE), Gahana Mohan (CSE), Nayana N Nair (CSE) & Chithra Varadan (IT) 2016-2020 BATCH WITH OVERALL CGPA ABOVE 8.5 Nezmi KA (CSE) - CGPA-9.47 Binishamol Joby (CSE) - CGPA-9.22 Niya Thomas (IT) - CGPA-9.01 Febina AE (CSE) - CGPA-8.95 R Vaidehi (CSE) - CGPA-8.68 Aswathy Asokan (CSE) - CGPA-8.68 Gahana Mohan (CSE) - CGPA-8.68 Nayana N Nair (CSE) - CGPA-8.56 Chithra Varadan (IT) - CGPA- 8.53 Electta Varghese, Akhila R Nair, Aadhithyanarayanan V A, Anand Jayachandran, Arya Satheesan, C Sivaramakrishnan, Abhijith V Manoj and Aishwarya Baiju from S3 CSE A IEEE Events Congratulations Electta Varghese and Akhila R Nair of S3 CSE A for bagging the first and second prize in 'NOVUS 3.0', a month long online event conducted by the IEEE SB ASIET. Aadhithyanarayanan V A, Anand Jayachandran, Arya Satheesan, C Sivaramakrishnan, Abhijith V Manoj and Aishwarya Baiju from S3 CSE A also participated in this. Jeeva Joy, Jeevan Nair PK, Kishore Babu, Lakshmi Priya R, MA Nisam, Megha Raju, Mridhul Krishna PM, Neethu M, Neha Antony, Revathy Jess, Parvathy Babu, Saandra Baasuri, Sandhra Jolly, Sebastine Stombel, Seethalakshmi TS, Shama Thomas, Shruti Aswal, Sravana AJ, S Shankarakrishnan and Sudharsan of S3 CSE B and Electta Varghese from S3 CSE A Are took part in this interactive session of UNRAVELING HOUSE WIRING S7 CSE Agneyan Namboodiri, Akhilkumar and Bennison Sebastian were the ones who took the lead role and students Jeevan Nair PK, Kiran K Iyer, Lekshmi Sharma, Maskinder Singh, Merin James, Neethu M, Rahul A Nair, Revathy Jess Saandra Baasuri, Shama Thomas, Shruti Aswal, Sravana AJ, Sreeram B Kamath, Sruthilaya Jyothidas, S Shankarakrishnan and Sudharsan from S3 CSE B. Have participated in a webinar presented by IEEE Computer Society & ASIET webinar on "All about IEEEExtreme". Kevin Paul Babu, Revathy Jess, Lekshmi Sharma and Sudharsan from S3 CSE B and Abhishek Hareesan Menon, Gokul Krishnan C M and Dona Antony from S3 CSE A, Vindhuja K, Milna Eldho and Nandhitha PV of S5 CSE and Tushar Balakrishnnan from S7 CSE have completed various courses and have been certified. ONLINE COURSES of Coursera Coursera offers various online courses authorized by International Universities like the University of Michigan, University of Virginia etc Joseph George Padayatty, Kishore Babu, Najiya Sigeef , Neethu M , Paul Martin, Revathy Jess, Roel Babu, Shruti Aswal, Sidharth K Ajith , Sravana AJ, Sudharsan, Swaliha Shihab T and Vishnu Prasad from S3 CSE B. Cyber Security & Ethical Hacking Participated in a workshop on Cyber Security and Ethical Hacking# was organized by IEEE SB KMCTCE Shruti Aswal, Sneha M and Sudharsan of S3 CSE B How to Execute Successful B-Tech Projects 3.0 Participated in a webinar on "How to Execute Successful B-Tech Projects 3.0 " was conducted by IEEE PES on 21/09/2020 Afsana Shahul of S3 CSE A Attended a National Level Online Workshop on Python Programming. Ankith S Bhaktha and Arjun Ramesh Chandran Nair of S3 CSE A Participated in the 'HACON CTF 2020', hosted and managed by HACON CTF 2020. Janet Elsa Santhosh of S3 CSE A Has completed an online course on ' Elements of AI' and 'HTML Javascript'. Dhiya Thomas of S3 CSE A Attended a 2 days workshop on 'Python' conducted by CMS College, Kottayam from 19/09/2020. Hamna Hassan V.M of S3 CSE A Completed a course on 'Javascript Fundamentals' from Udemy and also a google certified course on 'Fundamentals of digital marketing google digital unlocked' Dona Antony and A S Lakshmi of S3 CSE A Attended the National level workshop on

'Practical approach on computer vision', organized by NITK STEP. Ajay Antu of S3 CSE A Attended an online workshop on 'Memory Masterclass' Abhay Krishnan of S3 CSE A Completed course on 'Object Oriented Programming through Java'. Abhijith V Manoj of S3 CSE A Attended a webinar on 'ORE -Front End Web Development' and 'Ethical Hacking'. Meenakshi P D of S5 CSE Completed a one month online internship training at Bolt IOT and ML starting from 03/08/2020. Jeswin of S5 CSE Completed an IBM course on 'Network security and database vulnerabilities' and a Google course on 'Technical support fundamentals'. Sarath A S of S7 CSE Completed a course on 'The Fundamentals of Digital marketing' provided by Google. Sandra Surendran of S7 CSE Completed an online course on 'Introduction to Artificial Intelligence' Aditi Namboodiripad of S7 CSE Completed the 'Google Analytics Beginners Course' August 2020 Arun Paul Varghese, Niya Thomas, Chithra Varadan (S7 IT) Published 2 patents. 1. Hyperledger based Smart Vehicle Accident Detection- (Application No.202041033666 A Aswathy Asokan, Rinku K J, Sonia Urumese (S7 CSE) 2. Aquaponics System using IoT and Web based Interface - (Application No.202041033498 A Jincy Denny and Mubeena M M (2018-20 Batch) M-Tech in CSE Have scored 9.15 and 9.24 CGPA respectively for their M -Tech examination Lakshmi Mahendran (S8 IT) and M.R Rahul (S8 IT) Have placed in Sutherland The current status of the offers received by S8 CSE is 95 for 62 students and S8 IT is 29 offers for 35 students. Jishma Murali, Sruthilaya Jyothidas, Merin James of S3 CSE B secured A grade and Akshaya S P, Afsana Shahul, Aiswarya K shaji, Aiswarya Baiju, Jannath Pravin, Hani Haridas, Akshay P Raj, Anagha Suresh, Hamna Hassan, Anakha K M, Honey M, Haritha Rajan, Akshara A S and C S Pooja of S3 CSE A received the certificate for participation. Chakravyuh Quiz Megha Raju of S3 CSE B Attended a webinar on IOT , conducted by IEEE SB College of Engineering Perumon on 14/7/2020 and a webinar on "Multiscale approach to rocket design conducted by IEEE, St. Joseph college of Engineering" on 15/8/2020 Musafir KY of S3 CSE B Participated in STTP on "Introduction to Machine Learning using Python" conducted by ECE & CSE Dept ASIET on 31/7-1/8/2020. Sneha M of S3 CSE B Took part in a webinar on "BOT: A New Interface" conducted by IEI SB ASIET in the month of August Meenakshi PD of S5 CSE Has completed a short term course on "Excel skills for business google analytics for beginners". Arjun Sasi of S5 CSE Attended a webinar on "Big data, Artificial Intelligence and Ethics", on 10/8/2020. Sruthy S Nair of S7 CSE Completed Internshala Training on Ethical Hacking Mareena Kunjachan of S7 CSE Completed the AR 101 Course. Lekshmi Sharma, Shama Thomas, Paul Martin, Saandra Baasuri, Sathwik R, Sidharth K Ajith, Mridhul Krishna, Sudharsan , Abhay Krishnan of S3 CSE and Srivathsan , Vindhuja K, Milna Eldho, Pooja Nair, Nandhitha P, Joe Paul Kudiyrappil , Sravan, Gokul M V, Naveen Krishna B, Sneha T U, Jeswin Davis and Vinayak Sivaprasad of S5 CSE and Rahul Manoj , Anand M Bhat and Reshma Sabu of S7 CSE Have completed various technical and non technical MOOC courses under International Universities that are offered through Coursera. Kishore Babu, Musafir KY and Sneha M of S3 CSE A Completed the IYPT 2019 International Short-Term Course on Chemistry Aagneyan Namboodiri, Aparna A V, Jose Johny, Shaun Antony Mark, Salbin Sadik, Krishnapriya B, Aybel Davis, Shiyon Saju, Githin Tomy, Reshma S Menon, Yadu N S, Aiswarya S Radhakrishnan, Rizni Abullies, Benison Sebastian, Akanksha, George Menezes, Gopika B, Vyshak Sadasivan, Naveen Subbaram, Megha S, Yadhukrishnan E M, V Tushar Balakrishnan, Riya Cherian, Sandra Surendran, Sarath, Rahul Manoj, Anand M Bhat, Sayooj P S, Adithya D Shenoj, Virnda Vinod, Sruthy S Nair and Mareena Kunjachan from S7 CSE Have cleared the MTA Certification Python Examination. Jeevan Nair PK, Jishma Murali, Joe Paul Jose, Kevin Paul Babu, Lekshmi Sharma, Megha Raju, Merin James, Najiya Sigeef, Neethu M, Neha Antony, Roel Babu, Sebastine Stombel, Shama Thomas, Sruthilaya Jyothidas and Sudharsan from S3 CSE B Have participated in IEEE SB ASIET conducted an insightful session on Cyber Security Swathy J Das, Sudharsan, Sruthilaya Jyothidas, Sneha M, Shama Thomas, Sathwik R, Saandra Baasuri, Neha Antony, Merin James, Megha Raju, Lekshmi Sharma, Jishma Murali and Jeevan Nair PK from S3 CSE B Attended the interactive session on "Experiences on Practical Engineering" conducted by IEEE SB ASIET. Jithu KS, Jyothi Krishna P, Kiran K Iyer, TN Krishnan Embranthiri, Lakshmi Priya, Lekshmi Sharma, MA Nisam, Megha Raju, Merin James, Mridhul Krishna PM, Naisa Rose Shajan, Neethu M, Neha Antony, Parvathy Babu, Rahul A Nair, Revathy Jess, Saandra Baasuri, Sathwik R, Sebastine Stombel, Shama Thomas, Shilpa Rajan, Sravana AJ, Sruthilaya Jyothidas, S Shankarakrishnan, Sudharsan, Swathy J Das and Vishnu Prasad from S3 CSE B

Attended an informative webinar on 'Bridging the 5G Digital Divide' was conducted by IEEE SPS ASIET July 2020 Haritha Rajan, Dhiya Thomas and Hamna Hassan of S2 CSE A Participated in an online National Level Quiz on "BASIC ELECTRONICS" organised by Department of ECE, PESITM on 8th of June, 2020. Alfiya M J and Hamna Hassan of S2 CSE A Took part in the "Environment day quiz" organised by Muthoot Institute of Technology and Science on 5th of June, 2020. Hamna Hassan of S2 CSE A Participated in an online quiz on "life of Gandhiji", organized by TKM Engineering College, Kollam on 6th of June, 2020. She also attended a webinar on "Adobe photoshop" which was conducted by College Of Engineering Chengannur from 12th -16th of June, 2020. She has completed a 5 week course on "Advanced Writing" in coursera in the month of June. Abhay Krishnan of S2 CSE A Completed an Internship on "Hamari Pahchan", organised by NGO in the month of June. Jeswin James and Shama Thomas of S2 CSE B Attended a webinar on "Introduction to Data Science and Machine Learning" conducted by IEEE on 17th of June. Merin James and Swathy J Das of S2 CSE B Participated in "Craft Reuse" , an environment related program conducted by NSS on 5th of June, 2020 Jishma Murali, Merin James, Kishore Babu and MA Nisam of S2 CSE B Completed an online course on " Getting started with Python", authorized by University of Michigan and offered through Coursera. Rizni Abullies of S6 CSE Completed a course on 'The data Scientist's toolbox' in coursera. B Thusar Balakrishnan of S6 CSE Completed a course on 'Artificial Intelligence' in coursera. Vyshak Sadasivan of S6 CSE Completed a course on 'AWS Fundamentals:Building Serverless Applications' in coursera. Haritha Manoj of S2 CSE A and Paul Martin of S2 CSE B attended a webinar on "Basics of Face Detection" on 21st of June, 2020 "ORION" IEEE PES Kerala Chapter in collaboration with Women in Power Community had conducted various online events for the students from 19th-22nd of June. Many of our students from S2 CSE participated and won prizes. S Shankarakrishnan of S2 CSE B and Haritha Manoj of S2 CSE A participated in "Treasure Hunt" 20th of June, 2020 S Shankarakrishnan of S2 CSE B took part in the video presentation and won second prize. He also participated in doodling on 19th of June, 2020. Shruti Aswal of S2 CSE B participated in Blogging, JAM, Mock Interview, Photography Sudharsan of S2 CSE B participated in Photography Career edge Arathy S Kumar, Athira S Kumar, Reshma S Menon, Salbin Sadik and Akansha S have completed course on 'Career edge'. Business Etiquette Akansha S has completed a course on 'Business Etiquette' . TCS ION This is a digital learning platform where they bring industry relevance to learning by getting industry and experts into a single ecosystem. They offer various courses and our students from S6 CSE have completed the following courses. Reshma S Menon, Akhila Ashok, Yadhu N S and Sreehari Prasad have completed this course on python. MICROSOFT TECHNOLOGY ASSOCIATE MTA certifications address a wide spectrum of fundamental technical concepts, assess and validate core technical knowledge, and enhance technical credibility. They provide certifications on various courses and our students from S6 CSE have completed the following courses. Introduction to programming using python May 2020 Alfiya M J of S2 CSE A Participated in a webinar "Introduction to arduino stimulation" on and another webinar on "Stimulation and PCB designing" on 5th to 11th May 2020. Jannath Parvin, Janet Elsa, Honey M, Hamna Hassan, Dhiya Thomas, Devika Menon, Ashwin Sundar, Ashna Saju, Ashiq Cherian, Anusha P S, Alwin George, Alfiya M J, Aiswarya K Shaji, Abin P Francis, Abhijith V Manoj, Abhishek Menon, Abhijith E S, Abhijith Pradeep, Aadhithyanarayanan V A and Abhay Krishnan M N of S2 CSE B Attended a webinar on "Significance of grid connected PV in current scenario" conducted by IEEE on 12th May 2020. Abhijith Pradeep and C Sivaramakrishnan of S2 CSE A Took part in a webinar on "Introduction to Artificial intelligence" conducted by IEEE Women in power on 3rd May 2020. Haritha Rajan and C Sivaramakrishnan of S2 CSE A Attended a webinar on " Introduction to Robotics" on 2nd May 2020 Ankith S of S2 CSE A Completed an online course on "python data structures". He participated in a webinar titled "python4everybody" on 17th May 2020 Shruti Aswal, Jeeva Joy, Jeevan Nair, Jishma Murali, Merin, Naisa Rose, Najiya Sigeeef, Neha Antony, Neethu, Parvathy, Shama Thomas, Shilpa Rajan, Shruthilaya Jyothidas, S Shankarakrishnan and Sudharsan of S2 CSE B Took part in COMPERIO Webinar Series, IEEE Women in Power presents Webinar on AI & Robotics on 2nd & 3rd May 2020 Shama Thomas of S2 CSE A Participated in "Know your society: All about IEEE" on 17th May 2020 Jeevan Nair, Lekshmi Sharma and Paul Martin of S2 CSE B Participated in "Brain IT", Quiz on IT & Computer Technology conducted by IEEE

on 21st May 2020 Sudharsan of S2 CSE B Attended "EMERGE 2020", an International Virtual Summit conducted by IEEE Kerala Young Professionals 2nd May 2020. April 2020 Suraj Kumar of S6 CSE Was the speaker for the Git and Github workshop hosted by IEEE CS chapter and ICFOSS cell of ASIET 28th April 2020 Aparna A V of S6 CSE Completed 'Shaw Academy course on Photoshop, illustrator and leadership', participated in Covid 19 awareness quiz conducted by St. Josephs College and attended an online workshop on Artificial Intelligence aligned to SSC NASSCOM foundation AI Curriculum Deepak Surendran Pillai of S6 CSE Participated in 'IIT Free placement oriented webinar on Artificial Intelligence' on 25th April 2020 Vinayk M R of S6 CSE Completed a web scrapping course in plural sight, a course on Introduction to Android Development in courser, Introduction to Tensor flow Offered by Google Cloud in coursera and AI for EVERYONE course offered by deep Learning AI in courser. Jishma Murali, Jeevan Nair, Joseph George, Lekshmi Sharma, Merin James, Najiya, Neethu M, Neha Antony, Revathy, Sarath K, Shama Thomas, Shruti Aswal, Sravana, Shruthilaya and Sudharsan of S2 CSE B Took part in a 'Webinar on Artificial Intelligence' by IIT Mumbai on 25/04/2020. Jeevan Nair of S2 CSE B Won the third prize in 'Escoge', online quiz competition conducted by IEEE ComSoc Kerala Chapter. Shruti Aswal of S2 CSE B Was a part of the code debugging contest 'Untangle' which was conducted on 13/04/2020. March 2020 Mridhul Krishna, Neethu M, Paul Martin, Roel Babu, Sidharth K Ajith of S2 CSE B and Abhay Sankar and Ankit S Bhaktha of S2 CSE A Attended the Hack Camp 2020 a 36 Hours Hackathon - sponsored by Hack Club, MLH, Github on 08/02/2020 & 09/02/2020 at Integrated Startup Complex, Kalamassery, Ernakulam. Gokul Krishna CM, Jeevan Nair PK and Sudharsan of CSE department Participated in 'untitled.psd' - Graphic Design Workshop as a part of IEEE event in connection with Brahma 2020 on 29/02/2020. The IEEE members Aagneyan Namboodiri, Benison Sebastian, Naveen S, Jeevan Nair PK, Anand M Bhat and Shivali KA Started an online course on the topic 'Introduction to Competitive Programming in C++' from 22/03/20 - 29/03/20. Mareena Kunjachan of S6 CSE An MOU had been signed with KSUM for productization grant and future lab support and Mareena Kunjachan of S6 CSE received a grant of Rs.50,000/- as she was shortlisted at the 'IDEA FEST 2019'. Megha S and Vrinda Vinod of S6 CSE Participated in Reboot Hackthon conducted at Govt. Polytechnic College Kasargod on 06/03/20 to 08/03/20. Shivali of S4 CSE B ASHWAMEDHA 2020 Won the third prize in English Essay Writing conducted on 13-02-20. Vindhuja K, Milna Eldho, Kartik Venugopal, Rosmary Baiju, Srinidhi D Pai, Shambu Raj, Sruthy James and Jamy Maria Jose S4 CSE ASHWAMEDHA 2020 Bagged the first prize in 'Street Drama' conducted on 15-02-20. Dhiya Thomas and Dona Antony of S2 CSE A, ICSET 2020 Participated in ICSET 2020 conducted at GEC, Thrissur on 07/03/2020. R.Vaidehi of S8 CSE Qualified GATE 2020. Sachin A, Sai Ganesh, Abhishek Hari, Lakshmi Rajan, Chitra Gopi of S8 CSE Placed in UST Mareena Kunjachan of S6 CSE Participated in the Women's Business Plan Challenge on 28/2/2020 as a part of Brahma and won the third prize. Mareena Kunjachan of S6 CSE WOMEN BUSINESS PLAN Jyothi Institute of Technology Bangalore conducted a competition on 'Women Business Plan' on 10/03/2020 and Mareena Kunjachan of S6 CSE had participated in it. Jishma Murali of S2 CSE B Got first prize in the event 'thalam' conducted at ASIET on 27\03\20. Lekshmi Sharma, Merin James and Neethu M of S2 CSE B secured the first place in the event 'Street Drama' conducted at ASIET on 28\03\20 K Sidarth, Milna Eldho, Vindhuja k, Nandhita p, Rosemariya Baiju, Karthik Venugopal, Arjun Sasi, Harikrishnan NJ and Shivali K A of S4 CSE B. Bagged third prize in the event 'Street Drama' conducted at ASIET on 28\03\20 Kevin Paul Babu of S2 CSE B Bagged the second prize in the event 'Groove' (Spot Dance Choreography) as a part of Brahma 2020 on 28\03\20. Joseph George, Maskindar Singh, Mridul Krishna, Roel Babu and Sidharth K Ajith of S2 CSE B Got second prize in the event 'Counter-Strike'. Paul Aji of S4 CSE B Secured the first prize in the event 'Technovita' as a part of Brahma 2020 on 29\03\20. Agnayan Namboodri of S6 CSE Bagged the first prize in the event 'CSGO' on 29/02/20. February 2020 Kevin Paul Babu, Joseph George Padayatti, Sidharth K Ajith, Sanath Savio, Neethu M, N Niranjana, Musafir K Y and Royal Babu of S2 CSB, Gokul Krishna, Abhay Sankar, Electta, Ankit S Bhaktha of S2 CSA and Athul Blession of S6 CSE ASIET HACK CLUB Officials from Hack Club, USA visited our campus and took a technical training session for our students. Arjun Chandran (S8 CSE) and Ravishanker M (S8 IT) India Skills Kerala 2020 Won third prize under Cyber Security Skill category at State Level India Skills Kerala 2020 competition at

Kozhikode, which is being conducted yearly by Department of Labour and Skills, Govt. of Kerala. These students competed against more than 20 teams across Kerala for this achievement which includes a cash prize of Rs. 10,000/-. Manu Mathew cherian (S8 IT), Sreehari Vishnu (S8 IT) , Vaishag D (S8 IT) , Niya Thomas (S8 IT) and KP sethulakshmi (S6 IT) Reebboot Kerala Hackathon 2020 Mentor Prof.M.Gokilavani and five members team from department of CSE/IT has successfully completed the 1 stage of panel judgement in Reebboot Kerala hackathon 2020 @ calicut MDIT. Students are. Vinayk M R of S6 CSE was a Hack camp 2020 Volunteer for hack camp 2020 at KSUM, Kalamassery, from 8-02-20 to 9-02-20. Alvin Martin, Radhika Rajan, Praseetha Francis, Anju C J & Anusha Varghese of S8 IT Placed at Spawoz Akanksha S, Rizni Abullies , Reshma S Menon, Lakshmi M S and Sandra Surendran of S6 CSE. Secured first place for group dance in Arts Day Benson Sebastian of S6 CSE Got first prize in Essay writing. Anirudh D , Akshay Sunil, Anathakrishnan, Akhil Johnny, Alwin Antony and Aravind Krishna of S4 CSE Secured first place in MIME. Jayanth Rama Varma of S4 CSE Got third position in string instrument (eastern) and second position in the band competition. Navaneeth Joshy K, Meghana and Nanditha k of S4 CSE Bagged third position in theme show. Paul Aji, Gokul M V, Hrishikesh Varma, Midhun, Joel Joji and Niranj U of S4 CSE Secured second position in MIME. Fathima Shereef, Aneez Rahman, Devadath G Nair and Amrutha Anto of S4 CSE Secured second position in theme show. January 2020 Shivali K A S4 CSE Selected as the Associate Editor of IA/IE/PELS of Joint chapter IEEE Kerala section. K Sidharth of fourth semester, CSE (Chief Marketing Officer - IEDC) Entrepreneurship Orientation Program Keynote speaker of the event 'Entrepreneurship Orientation Program' an event conducted for S4 EEE students of ASIET. Vinayk M R of sixth semester CSE Attended the soft skill development training at Manglore from 10/01/20 to 23/01/20. Naveen Subramaniam of six semester CSE Participated in an event 'Face to Face' hosted by College of Engineering Chenganoor on 26th January, 2020. Sreehary Prasad, Githin Tomy and Yadhukrishnan E M of sixth semester CSE Became part of the NSS activity, 'Green Protocol' conducted at Kanjoor Church from 18th to 20th of January. Athira Lakshmi Vinod, Radhika Rajan, Sandra S, Chithra Varadhan, of S8 IT and V Vivek, Anjitha K.A, Sachin A, Jose J Maliyakal, Sundeep P.S, S Sai Ganesh, Namitha Mary Wilson, Aadil Kather, Rugmani Sethuram, Abhishek Hari of S8 CSE Placed at Sutherland Rugmani Sethuraman, Abhishek Hari, Diya K Mangalakadan, Sundeep P.S of S8 CSE Placed at Spawoz Technologies December 2019 KP SETHULAKSHMI of S5 IT Got selected for the prototyping round of *cohort 3* program of *Cisco thingQbator* Aagneyan Nambootiri, Vidhu Hari, Amaan Umer Participated All Kerala Computer Society Students Convention (AKCSSC) from 22/12/19 - 23/12/19 at SJ CET Palai G Adarsh, Ghiridhar S, Sagar Suresh, Binishamol Joby, Karthika Venugopalan, Anjana B, Sreelakshmi Ramchandran of S7 CSE Placed in Mindtree Niva S, Karthika Venugopalan, Nayana N Nair, P Sreenath, B Arjun, Nandini A, Sandra Chandran, Sreelakshmi Ramchandran, Rinku K J, Arathi A of S7 CSE Placed in Wipro Aadhil Kather, Rinku K J of S7 CSE Placed in Zerone Niya Thomas, Manu Mathew Cherian, Abhishek Prasanth of S7 IT Placed in Wipro M R Rahul S7 IT Participated in the KTU D Zone Football Tournament , Selected for the KTU University Football Team Participated in the Inter University Football Tournament conducted at VIT, Chennai November 2019 K Sidharth (S3 CSE-B) Received National level recognition for being the best entrepreneur for closing sales of Rs.3 lakhs in his business carrier in just 3 months. He is associated with Sharp Electronics and is also part of the winning team. Team one community, India. Sundeep P S (S7 CSE) Won the best poster award in the Satellite seminar on "Western Ghats and Dam management" organized by National Centre for Earth Science Studies and Swadeshi Science Movement, held at National Centre for Earth Science Studies, Thiruvananthapuram on 21st November 2019 Joseph Jose (S1 CSE) Won the first prize in PUBG tournament, a gaming tournament conducted as part of Aswamedha 2019 at ASIET on 5th November 2019 Anil V Mohan (S5 CSE) Ankhith S Bhakktha (S1 CSE B) Won 2nd prize for Blackhat Lounge - CTF Challenge as part of Aswamedha 2019 at ASIET Royal Babu (S1 CSE-B) Won 2nd prize for 'Blackhat Lounge - CTF Challenge' as part of Aswamedha 2019 at ASIET Also won 2nd prize for '2D Development' as part of Aswamedha 2019 at ASIET Joe Paul (S3 CSE B) Won 2nd prize for the event 'Dark Fantasy' as part of Aswamedha 2019 at ASIET Aagneyan Namboothiri (S5 CSE) Pitched their project titled "Pregnancy Healthcare via medical IOT" and "Asset Tracker by cloud IOT" as a part of CISCO COHORT 3 - THINKQUBATOR held at Infopark, Trivandrum held at

Technopark, Trivandrum. Guided by prof.Sankara Nayaki on 20th November 2019

Naveen Subbaram(S5 CSE) Bennison sebastian(S5 CSE) Sourav Krishna(S5 CSE) October 2019 Benison Sebastian (S5 CSE) Achieved a global rank of 550 and ASIA PACIFIC Region (R10) Rank of 220 in global region online coding competition IEEE Xtreme 13.0 held at ASIET, Kalady on 19th October 2019. Aagneyan Namboodiri (S5 CSE) Arjun Chandran (S7 CSE) Invited for taking 12-day long training sessions on Cyber Security for officials at Indian Navy. It was a wonderful opportunity for him to develop his skills and improve experience as a trainer in Cyber Security.

Mr. Athul Blesson (S4 IT) also the Chief Technical Officer Adi Shankara IEDC will be conferred World's Top 50 Tech Leaders Award to be conferred at InterCon Dubai. Jaganath Bhatt (S7 CSE) Jose J Maliyakkal (S7 CSE) September 2019 Jayanth Ramavarma (S3 CSE B) Attended the One-Week long Foreign Technical Immersion Program 2019 (FTIP) at the Australian University, Swinburne University of Technology, Sarawak Campus in Malaysia. Our students were the only ones invited for this from Kerala, except those from RSET. The sessions focused mainly on IoT, NodeMCU & Data Collection and PixyCam. Our students also explored ways of future collaborations with the support from Professors at Kuching. Srinidhi Dinkar Pai (S3 CSE B) Vinayak Sivaprasad (S3 CSE B) August 2019 Mareena Kunjachan, (S5 CSE) Selected for funding support of IDEA Fest 2019 and also for FAB/Future lab support. Ani Anto, (S5 IT) Aswathy Asokan, (S7 CSE) Their project "Coco Dehusker" was selected for FAB/Future lab support. Rinku, (S7 CSE) Kevin Paul Babu (S1 CSE B) Took initiative forming HACK CLUB at ASIET & is the Lead of Hack Club - ASIET. Athul Blesson (S7 IT - A&P Lead of Hack Club) is the Advisor of the Club. July 2019 Athul Blesson S5 IT (CTO, IEDC ASIET) Conducted a session at Hack Cincinnati during Midwest's biggest High school Hackathon at Cincinnati, Ohio, USA as a Guest & Mentor. He also spoke about IEDC & HACK Club activities of ASIET. Abhimanyu C. V. (S6 CSE) Has been awarded the Best NSS Volunteer 2018 - 2019 at Directorate Level. His NSS unit was awarded as the Best NSS unit. June 2019 Kamal V. S (S2 CSE) Best Poster Award is secured by the Project "Cable TV Meter" Mentored by Prof. Joseph George. Sagar Saji (S2 CSE) Joe Paul (S2 CSE) Manu Lalu (S2 CSE) Rejula S (S8 CSE) Best Video Award is secured by the project "Epivigil" Mentored by Prof. Teena George Lakhmi Priya C (S8 CSE) Arun Paul Varghese (S6 IT) Mr. Mohammad Fayis Elayodath (S2 CS-B) Best Multi-Disciplinary Project Award. The Prize money worth rupees 5000/- was awarded. Mr. Abhimanyu C. V. (S6 CSE) Received NSS - Best Volunteer award at Directorate Level. Mr. Arun Paul Varghese (S6 IT) His Innovative project got selected to the final round of project funding at V-Guard Challenge held at Kochi. April 2019 Shivali K A (S2 CSE) BPCL ENCOM CLUB COMPETITION BPCL Encon Club Competition winners were given away the cash prize and certificates. Benison Sebastian (S4 CSE) Reshma Sabu (S4 CSE) Divya Nair (S8 CSE) March 2019 Aathira M (S8 CSE) Selected as the Public Relation Lead of IEEE Xtreme 13.0 in Asia Pacific regions on 19th March 2019 MEGHA S (S4 CSE) Launched and Incubated "AI-based Web Job Portal" under Fortune factory on 8th March 2019 APARNA A V (S4 CSE) VRINDA VINOD (S4 CSE) RAMACHANDRAN (S4 CSE) SREELAKSHMI (S4 CSE) NAYANA N NAIR (S6-CSE) Golden Girls award is an award offered to college girls by The Times of India and Malabar Gold & Diamonds, for their exceptional talents and their winning attitude on 20th March 2019. February 2019 SAFNA K S (S8 IT) Gate qualified students ANEESH V (S8 CSE) MIDHUN PRAKASH (S8 CSE) Hari Krishnan (S8 IT) The project idea "Smart Vacuum Cleaner" by the students, guided by Prof. Ierin Babu was presented in TEKON 2019 KTU Fest. Anantha Krishnan (S8 IT) Mubashira (S8 IT) Akhil S Babu (S2 CSE) Secured 3rd Position in Mega Competition at School of Engineering, CUSAT organized by Robokart.com in association with Innovation cell IIT Bombay on 2nd and 3rd February 2019. Arun Mani (S8 IT) Organized a VR Demo at SJCTET, Pala on 7th & 8th February 2019 Athul Blesson (S4 IT) Arjun A (S8 CSE) George Menezes (S4 CSE) Successfully completed an Introduction to Docker and Kuberternets, Big Data and Hadoop workshop as a part of ICFOSS event held at FISAT on 19th and 20th February 2019 Githin Tomy (S4 CSE) As the outcome of Skill development program held during January 2019, repaired 10 nebulizers of Government Health Centre, Mattoor on 12th February 2019. Yadhukrishnan E M (S4 CSE) Abhimanyu C V (S6 CSE) January 2018 Aathira M (S5 CSE) IEEE SB ASIET 2018, 2.IEEE Kochi Hub WIE Coordinator for 2018, 3.Got 899 Rank IEEE Xtreme 11.0 December 2017 Sachin V.S (S5 CSE) Selected as Developer Student Lead by Google India as one among the 185 students in the nation to start and lead the Institution's Developer Student Club. He was also awarded the prestigious "Microsoft Student Partner" title

given to selected students across the world for technical expertise, and showcasing exceptional qualities in communication skills and leadership. He also attended the Microsoft Student Partner Summit 2017- APOGEE – BITS, Pilani. Aathira M(S5 CSE) Received Certificate of Appreciation for contributions towards AICSSYC'17 as a volunteer from Mr. Eric Berkowitz, Membership Director of IEEE Computer Society and Mr. Roger Fujji, yesteryear IEEE CS President. Also received Certificate of Appreciation for contributions offered as Public Relations Officer towards Edition 5 of IEEE CS Compute and for contributions offered as Content Writer towards Edition 4 of IEEE CS Compute Divya Nair(S5 CSE) Participated in A.P.J Abdul Kalam Energy Quiz conducted by KSEB as a team. They cleared the preliminary online quiz, was awarded 1st Position in Ernakulam district. Also they bagged 4th position in the State Level Quiz, comprising 2 rounds of competitive quizzing which took place at Saintgits College of Engineering, Kottayam among 12 competing teams. Chinmay Sukumaran (S5 CSE) Sachin V S (S5 CSE) Bagged State Rank 5 and Scholarships for courses in Codechef in the ACM ICPC 2017 coding competition at Amrita School of Engineering, Amritapuri. Vishnu V Kammath(S5 CSE) Sidharth Radhakrishnan(S5 CSE) November 2017 Devdutt Shenoi(S1 CSE) Received a token of appreciation from Principal Dr. Neelakantan P C for his excellent achievement of being in top 1% (30th rank) in the MOOC on programming, Data Structures and Algorithm using Python authorized by IITK, offered through NPTEL funded by the Ministry of HRD, Govt. of India. Athul Blesson (S1 IT) Was chosen as Hack Club Regional Manager for India. He has been working with Hack club, an open source organization which is trying its best to educate high schoolers coding. October 2017 Arun Paul Varghese (S1 IT) Received Award for the best business model at APJ Abdul Kalam Innovation Challenge, from Nalli Kuppuswami, October 2017. The project HOBOT aims for the substitution of the people standing in front of the hotels in Kerala in order to gain the attention of the people passing in front of the hotel. Pranav S Ram (S1 IT) Alvin Martin (S1 IT) Athul Blesson(S1 IT) Won the Best project Design award and a cash prize of INR 10,000 at APJ Abdul Kalam Innovation Challenge held at ASIET. The Project was an automatic power failure alert system which alerts the officers at KSEB when power failure occurs at a particular area under the administration of the KSEB Branch office. Joyal Varghese (S1 IT) Arun Varghese, (S1 CS) Akhil P.V (S1 CS) Aalap P Joshy (S1 CS) Anoop Krishnan (S1 IT) Second Prize, FIFA Gaming, ASWAMEDHA 2017 Joyal Varghese (S1 IT) First Prize, Idea Pitching, ASWAMEDHA 2017

Staff Achievements

Month Faculty Achievement May 2024 Eldhose P Sim, Remya Raveendran, Teena George, Raghi R Menon Published book entitled "A comprehensive guide for Microprocessor s and microcontrollers" with Notion Press April 2024 Willson Joseph, Sharika T R, Reshma M R Published book entitled " A Guide to Data Structures and Algorithms" with Notion Press March 2024 Ms Anila S Participated in the Faculty Development Programme on Artificial Intelligence and Machine Learning in Signal Processing Ms. Sharika Tr, Mr. Willson Joseph, and Ms. Reshma M R 30-hour training session on Advanced Excel, tailored specifically for our first-year MBA students. Led by a team of expert faculty members from our esteemed CSE and CSE-AI departments, Prof. Dr. P Sojan Lal served as the Chief Guest for the school convocation held at St Marys Public school Senior Secondary school Kurupumpady on 22nd March 2024 PROF. AJAY BASIL VARGHESE Prof. Ajay Basil Varghese, in collaboration with our startup EdWhere Education, had the honor of hosting a dynamic event titled "Career Explore 2024" at Viswajyothi Public School, Angamaly, on March 26, 2024 PROF. AJAY BASIL VARGHESE Prof. Ajay Basil Varghese was invited as the Chief Guest for the Inauguration Ceremony of the 3-Day National Level Workshop on E-Skills and B Plan Competition at MCET, Trivandrum on March 22nd, 2024 PROF. AJAY BASIL VARGHESE Prof. Ajay Basil Varghese was invited as a special guest at the KSCSTE TECHFEST-2024 organized jointly with Indian Institute of Technology(IIT) - Palakkad and NSS College of Engineering Palakkad, at IIT Palakkad on 2-3 March, 2024. He was also the Judging Committee member for selecting the best innovations presented in the contest of KSCSTE TECHFEST-2024. Dr.S Srikrishnan Presented paper on "Survey on Personalized Voice Assistant" at IEEE RAICS 2024 Held At M. A College of Engineering Divya K S, Gripsy Paul Mannickathan, Neetha K Nataraj Presented paper

on "Automatic Pill Dispenser for Elderly Medical Adherence: A Survey" at GALGOTIAS UNIVERSITY, GREATER NOIDA IEEE CONFERENCE -IC2PCT 2024 Nikhil Narayanan Presented paper on "Machine Learning and Deep Learning Architectures for Intrusion Detection System (IDS): A Survey" at IEEE RAICS 2024 Held At M. A College of Engineering Anila S, Shyama R Presented paper on "EduAR: Bridging the gap in education An AR-based educational app" at IEEE RAICS 2024 Held At M. A College of Engineering March 2023 Prof. Ajay Basil Varghese Was invited as a special guest to the inauguration of the National Entrepreneurship Conclave Showcased his product, uFarms, at a national-level event called MAHOTSAV & DEMO UNNATHI. Staff cricket team Victory in the All Kerala Professors Cricket tournament January 2023 Prof Ajay Basil Varghese Received a special appreciation from MG University, Kottayam for his notable contribution to the startup Ecosystem November 2022 Prof. Simi M. S. Published a book "Predictive Analytics on Female Infertility," September 2022 Asst.Prof.Anila S Book published on Digital Image Processing. Asst.Prof.Anila , Asst.Prof Rosemary Deljo Achieved 100% pass percentage in S5 result of 2019-2023 August 2022 Prof.Ajay Basil Varghese Was invited at IIC Regional Meet Kochi 2022 as a startup ecosystem enabler for the Round Table Interaction session with Dr Dipan Sahu(Asst Innovation Director-MoE's innovation cell) and other experts from the state. July 2022 Prof.Ajay Basil Varghese Got invited at Anna University, Chennai to deliver a oneday workshop on research to Startups(R2S) May 2022 Asst.Prof.Rosemary Varghese, Asst.Prof.Anila S and Asst.Prof.Shyama R Published a paper on ""A Comparative Study of Machine Learning Techniques for Health Prediction"" in the International Journal of Scientific Development and Research)(ISSN: 2455-2631) Prof Ajay Basil Varghese Got invited at MG University, Kottayam to deliver a session in the Technology to Commercialisation Workshop on " Labs To Startups" organized by Business Innovation and Incubation Center, MG University as part of Research Innovation Network Kerala (RINK) programme funded by KSUM. April 2022 Dr.Manish T I and Ass.Prof. Sobha T Dr. Manish TI (HOD,CSE) and Associate Prof. Sobha T for receiving the 'Letter of Appreciation' from KTU for their valuable contribution to the syllabus preparation of B.Tech Computer Science & Engineering 2019 Scheme. March 2022 Ajay Basil Varghese Chairperson MDP IIM Kozhikode Prof Surya Prakash Pati handed over the certificate of completion of the Management Development Programme to our Computer Science and Engineering (CSE-ASIET) faculty Asst. Prof.Ajay Basil Varghese, who is the nodal officer of IEDC and the incubation centre manager of ASIET. There are several ongoing and completed consultancy project works under his supervision at ASIET as well. This MDP ((Management Development Program) that he has attended is fully sponsored by the Kerala Startup Mission with an amount of Rs 60,000/- Asst.Prof.Sumesh MS Qualified GATE 2021 December 2021 Dr. Manish T I Dr. Manish TI received a Patent Titled: Phrase search over Secured IoT based e-healthcare diagnosis system, Type: Innovation Patent Country: Austrailia Patent number: 2021106001. Resource person for a "Workshop on ICT in Education" conducted by Adi Sankara Training College, Kalady Resource Person for "Research Opportunities of AI &ML in Image Processing and Analysis" ,a 2 weeks National Level Online STTP organized by Dept of CSE, SRM Institute of Science and Technology , Chennai Served as a Primary Evaluator in Toycathon 2021, a joint initiative by the Ministry of Education, WCD Ministry, MSME Ministry, DPIIT, Textile Ministry, I&B Ministry and AICTE. November 2021 Prof R.Rajaram MSME - Development Institute, Thrissur & Adi Shankara Institute of Engineering and Technology, Kalady jointly organized "SAMBHAV". It is a National Level Awareness Programme on Entrepreneurship & support from Government of India. It was on 25th November 2021, from 11 AM onwards in Cisco Webex. Our Department HOD, Prof R. Rajaram was one of the speakers at this event. October 2021 Dr. Suresh Kumar V Our Principal, Dr. Suresh Kumar V has been awarded PhD Guideship status by APJKTU. He is the Research Scholar in 'Cloud and Networking' of CSE. Asst.Prof.Gripsy Paul Mannickathan, Asst.Prof.Sumesh MS and Asst.Prof.Neetha K Nataraj KTU PHD ADMISSION Provisionally selected for Ph.D Registration 2020 - 21 under APJ Abdul Kalam Technological University from Department of Computer Science and Engineering. Dr. Deepika M. P Published a paper on "A Novel Model for Aligning Online Teaching-Learning and Evaluation With Bloom's Taxonomy", in the Design Engineering, 4984-4995 (SCOPUS) September 2021 Dr.Manish TI Resource Person and delivered a talk on Two - Day Faculty Development Programme "NAAC Accreditation Framework-Futuristic Trends" organized by IQAC, KMEA College of

Arts & Science, Kuzhivelipady, on 24/09/2021. He also attended Department Advisory Committee meeting of Data Science & Artificial intelligence specialization of Viswajyothi College of Engineering and Technology as external DAC member representative from academic institution on 26/09/2021 in online mode. Filed the Innovation Patent Australia titled "Phrase search over secured IoT based e-healthcare diagnosis system", with application number: 2021106001 on 19/08/2021 Ben Jose Joseph from S2 CSE AI Participated in "Google Analytics for Power Users" on 14/09/2021. Malu Mohan from S2 CSE AI Attended the "Data science foundation" webinar on 05/09/2021. Najiya Nasrin from S2 CSE Attended "AuRea" webinar. C S Pooja from S4 CSE Attended "Xplore Digital Library Online Training Program" on 19/09/2021. Royal Babu from S4 CSE-B Conducted a two day workshop hosted by Tinkerhub ASIET - CODEX on "Git & Github" and "Web Development" from 17/09/2021 to 18/09/2021. MA Nisam and Sreeram B Kamath of S4 CSE-B Attended a "Web Development Workshop" conducted by IIT Kanpur. Sudharsan of S4 CSE-B Attended a workshop on "Design Thinking" hosted by IEDC GECBH in collaboration with IEDC MEC on 24/09/2021. Adwaith Nishin from S2 CSE AI Took a course in Udemy "Python programming A- Z" and "Udemy Tricentis Tosca" for beginners on 24/09/ 2021. Sanjay Gireeshan from S2 CSE Completed 6 weeks MOOC course of Internshala on the topic "Data Science" from 15/08/2021 to 15/09/2021 and 4 weeks online training on "Job interview and preparation" starting from 15/08/2021 Janet Elsa Santhosh Completed "Python- Programming Language" course from Coursera on 09/09/2021. Joseph George Padayatty S4 CSE-B Attended "Cyber Security" course conducted collaboratively by Tinkerhub IETCU & ASIET Chapters on 28/08/2021 & 29/08/2021. Amrutha Das from S2 CSE AI and Lakshmi Priya R from S4 CSE-B Attended IEEE Xplore Digital Library Training on 21/09/2021. Parvathy B from S2 CSE AI Attended IEEE Eco Fiesta 23/09/2021. Kishore Babu from S4 CSE-B Attended "DEVISE" conducted by IEEE CS Chapter of IEEE SB ASIET. Jeevan Nair PK, Lekshmi Sharma, Najiya Sigeef and Sudharsan from S4 CSE-B Attended "CREATUS", a 3 day workshop on "Web Development" in connection with IEEE Day on 11/09/2021 and an exclusive 3-day workshop on "Web Designing" from 13/09/2021. Sudharsan of S4 CSE-B Attended a student skill enhancement program on "Digital Marketing" by IEEE SB ASIET from 27/08/2021 to 17/09/2021. Anju M Kammath from S2 CSE AI participated in Layam 2021; solo dance competition and secured third prize; participated in JAM and secured third prize; also participated in Tug of War debate competition conducted by NIT Calicut and secured third position. Aaron P Laju from S2 CSE AI Attended a 2 day bootcamp organised by "Tinker Hub Codex" in the month of September. Jayakrishnan M from S2 CSE Participated in "LAYAM 2021" pencil drawing competition and got 1st position. Melani A L, U Hari Krishnan and Sneha Rajan from S2 CSE Attended NIRMANA'21 webinar on 15/09/2021. Sanjay Gireeshan from S2 CSE Worked as a volunteer and participated in NIRMANA '21. He was elected as a Publicity volunteer of NIRMANA'21 and received Best publicity volunteer award. . He attended "Rashtragaan", an initiative by the ministry of culture to mark 'Azadi Ka Amrit Mahotsav' from 15/08/2021 to 15/09/2021. He took part in "Derechos De Las Mujeres", a quiz competition organized by Pink Legal SLS. U Hari Krishnan ,Kshama P Kammath and Sneha Rajan of S2 CSE Took part in Parley Online Debate Competition. Honey M and C S Pooja from S4 CSE Participated in "Enggiclopedia" quiz on 19/09/2021. August 2021 Gripsy Paul Mannickathan "Covid Risk Prediction using Machine Learning, "Published in International Conference -ICRTAI21-ISBN Book of Proceedings with ISBN No 978-81-947690-6-4 Teena George Published Paper titled "Literature Survey on Various Smart Greenhouse Automation Systems", in International Conference -ICRTAI21-ISBN Book of Proceedings with ISBN No 978-81-947690-6-4 Rosemary Varghese, Remya Vinayakumar " A Survey on An Unsupervised User Behaviour Prediction Algorithm Based on Machine Learning and Neural Network For Smart Home", published in International Conference - ICRTAI21- ISBN Book of Proceedings with ISBN No 978-81-947690-6-4 Joseph George Research talk "Image Classification using CNN" on 9/8/2021 at ASIET Resource Person for AICTE Five Days ATAL FDP on Deep Learning for Computer Vision on a significant topic, " CNN & Applications using CNN" on 25th August 2021 Rose Mary Varghese Research talk on "Distributed Inverted Index based PDF Searching in Map Reduce framework" on Aug 4, 2021 at asiet Organized Webinar On "COVID 19:What you need to know now" on 6th August 2021 under Bioinformatics Research Lab of CSE Department, ASIET Remya Vinyakumar Research talk on "Recognition and Analysis of handwritten document using fuzzy logic and neural networks" on Aug 4, 2021 at asiet Jain Stoble B Organized Webinar On

"COVID 19:What you need to know now" on 6th August 2021 under Bioinformatics Research Lab of CSE Department ,ASIET Sarath A S S8 CSE Participated in AD Making Game An Event for the management fest Inflore 16th edition held at Rajagiri Business School and Rajagiri College of Social Sciences, Kochi Kerala HONEY M and C S POOJA of S4 CSE Attended in the Webinar series Communication and personality development on 15-08-2021 Online Dona Antony of S4 CSE Attended Adobe UX Foundation learning journey Aligned to SSC NASSCOM UX Design Foundation curriculum on 13-08-2021 online ABHIJITH E S of S4 CSE A Attended Introduction to Cyber Security on 8/8/2021 Online Sneha Rajan, Meenakshi Mohan, Melani AL, Nirandev AB, Meera Ajith of S2 CSE Attended in the Webinar Series by JIT IEEE WIE Affinity Group "YANETHA'21 WIE CELEBRATION" 1/8/2021-8/8/2021 Online Mode Paul Thomas S2 CSE Worked as Publicity volunteer in YANETHA'21 "YANETHA'21 WIE" from 1/8/2021-8/8/2021 and also selected as Best Publicity volunteer external Attended in the webinar Build your Portfolio website using HTML and CSS on 6/8/2021 Attended in the Webinar Series by JIT IEEE WIE Affinity Group "YANETHA'21 WIE CELEBRATION" 1/8/2021-8/8/2021 Online Mode Attended an Event organized by the JIT IETE student forum "Electronic Riddles" on 11/08/2021 Attended a Webinar on machine learning on 07/08/2021 Worked as students partner for intershala " Intershala ISP23" from June to August Online K K Haridev S2 CSE Attended Webinar session organized by Microsoft Learn Student Ambassadors in collaboration with IEEE SB GECBH "Introduction to Cloud Computing using Microsoft Azure" on 29/08/2021 Malu Mohan S2 CSE AI 1. NSS- Tongue twister competition on 24/08/2021 2. National Anthem- Azadi ka Amrit Mahotsav on 13/08/2021 Aaron P Laju S2 CSE AI National level quiz competition on python programming on AUGUST 10 2021 MOOC ON ; 1. Architecturing With Google Cloud Engine on 20/08/2021 Elastic Google Cloud Infrastructure Scaling And Automation on 8/8/20021 Essential Google Cloud Infrastructure Core Services on 6th August 2021 Harikrishnan P, Cleeto Ittiachan, Sooryakiran V, Megha Baiju Participated in the Orion 2.0 Treasure hunt Event conducted by IEEE PES Kerala Chapter and IEEE PES WiP on 4th August 2021 Darsana P S2 CSE AI Participated Orion2.0 Treasure hunt and Reading competition NSS on 4th August 2021 Rincy Pereira S2 CSE AI Participated in ORION 2.0 Treasure Hunt and ORION 2.0 Quiz on 4th August 2021 Revathy A S of S2 CSE AI Participated in ORION 2.0 Quiz in the Event conducted by IEEE PES Kerala Chapter and IEEE PES WiP on 4th August 2021 Gauri A S2 CSE AI Participated in 1. ORION 2.0 Quiz 2. NSS Malayali Manka 3. NSS Thiruvathira on 04/08/2021,23/08/2021, 23/08/2021 respectively Amrutha Das S2 CSE AI ORION 2.0 Blog writing and Treasure hunt, LAYAM 2K21, Arts festival for S2 students on 4th August 2021, 25th August and 31st August 2021 Adwaith Nishin, Anjum Kammath, Athul Shyam, Vaibav of S2 CSE and U Harikrishnan, Sanjay Gireesan, Kshama P Kammath of S2 AI Worked as Volunteer in LAYAM 2K22 in LAYAM 2K21, Arts festival for S2 students on 25th to 31st August 2021 July 2021 July 2021 July 2021 Asst.Prof.Teena George The Thirteenth research seminar of the computer science and engineering was presented by prof.Teena George. Assistant Professor CSE on the topic "Zero trust strategy in Cloud Computing" on 07.06.2021 via Google meet. The session focused on providing an introduction to Zero Trust approach in Cloud Computing. Asst.Prof.Jain Stoble B The eighteenth research seminar of the computer science and engineering was presented by Prof.Jain Stoble B, Associate professor CSE on the "Texture based Multi-View Face Recognition in Noisy images using BRINE Feature" on 8/7/2021 via Google meet. The session focused on a novel feature Brint. It began with introduction to the fundamental concepts like image processing, human face recognition, its applications. Asst.Prof.Rosemary Varghese, Asst.Prof.Remya Vinayakumar and Asst.Prof.Jain Stoble B Published a paper on "Driver Drowsiness Detection System Based on Eye Closure" in International Journal of Advances in Engineering and Management (IJAEM) Volume 3, Issue 7 July 2021, pp: 2371-2375 www.ijaem.net ISSN: 2395-5252. Asst.Prof.Simi MS Presented a paper titled "LATENT EVENT FACETS AND NEWS SPECIFICITY FOR THE READER COMMENT DIGESTION" in the ICRTAI on 30/07/2021. Asst.Prof.Gripsy Paul Mannickathan Presented a paper "Covid Risk Prediction using Machine Learning",in the ICRTAI on 30/07/2021. Asst.Prof.Teena George Presented a paper "Literature survey on various smart greenhouse automation systems" in the ICRTAI on 30/07/2021. Asst.Prof.Anaswara Jayan Presented a paper "A web application for farmers" in the ICRTAI on 30/07/2021. Asst.Prof.Jain Stoble B Presented a paper "A web-based application for monitoring crowd status in stores" in the ICRTAI on 30/07/2021. Vindhuja K,

Milna Eldho, Prashanth P Nair and Gopalkrishnan of S7 CSE B Completed the online course of (IIRS ISRO) on 'Overview of web Gis Technology'. Malu Mohan of S2 CSE(AI) Attended a workshop conducted by CSI on 'App development using Flutter'. Aaron P Laiju of S2 CSE(AI) Completed the MOOC courses on 'Google Cloud Platform Fundamentals: Core Infrastructure' and 'Essential Google Cloud Infrastructure: Foundation' in the month of July. Alvin Regin and Edwin Martin of S2 CSE(AI) Completed a bootcamp on 'ShapeAI- Python and Cyber Security', 'ShapeAI- Python and Data Analytics' and 'ShapeAI- Javascript & React JS'. Aswathy Jayakrishnan of S2 CSE(AI) Completed 'ShapeAI- Python and Cyber Security Bootcamp'. Jayanth Rama Varma of S7 CSE B Completed 'The complete 2021 web development bootcamp'. Vishak SS and Sudeep PS of S2 CSE B Participated in a webinar on "Importance And Demand Of Cyber Security In Digitalization" on 20/07/2021. Aswathy S Attended a webinar on 'Build from home project by Tinkerhub foundation'. Bazil Alias and Malu Mohan of S2 CSE(AI) Attended a webinar on 'Cybersecurity'. Malu Mohan and Geeba Babu of S2 CSE(AI) Participated in 'Hack-N-Slash' a webinar by Hackersvilla. Ashik K J of S2 CSE(AI) Participated in a webinar on 'Art of Writing Research Paper'. Gayathri Devi C G, Dona Babu, Viji Varghese Manjaly, Vijaithakrishna S Ghosh, Rose Mary Jose, Rincy Pereira, Revathy A S, Parvathy Radhakrishnan, Parvathy B, Malu Mohan, Ashik K J, Geeba Babu, Bazil Alias, Gauri A, Darshana P and Aleena Maria of S2 CSE(AI) Participated in 'NSS Busta Di Carta', paper bag making competition conducted by NSS unit of GEC, Wayanad on 03/07/2021. Darshana P, Aleena Maria, Megha Baiju and Gauri A, Amrutha Das, Adwaith Nishin of S2 CSE(AI), Jonathan Jobby Pynadath and Sanjay Gireesan of S2 CSE B Coordinators of the event "EUPHORIA" conducted by the semester 2 students for the plus two students. Meera Roy of S2 CSE B Participated in an Online Quiz on Environmental Science conducted by the Physics department and Science Forum of Sree Sankara Vidyapeetom College on 05/06/2021. Amrutha Das of S2 CSE(AI) Participated in an 'Article writing' competition hosted by IEEE SB GECT Thrissur on 06/06/2021. Aaron P Laiju of S2 CSE(AI) Hosted the event 'SAPHIRE' conducted by CSI, ASIET from 12/06/2021-14/06/2021. Aswathy Jayakrishnan of S2 CSE(AI) Participated in an online poster making competition, Fig Foss Talk series and Calypso quiz competition. Geeba Babu and Malu Mohan Participated in AGREYA 2021: Virtual Treasure Hunt conducted by SNGIST College. Bazil Alias of S2 CSE(AI) Participated in NSS TrashGold- Trush to treasure competition. Malu Mohan Participated in AGREYA 2021: Photography competition conducted by SNGIST College, NSS Plastroon- Cartoon drawing competition, NSS TrashGold- Trush to treasure competition, Sinfonia musical competition and Codezilla 1.0: programming competition. June 2021 Asst.Prof.Divya G & Asst. Prof. Ramesh R F UNDEED PROJECT The Project, "Wrist wearable quarantine tracker using geofencing" of Asst.Prof. Divya G (Principal Investigator), Asst.Prof.Ramesh R (Co-Investigator), Aiswarya P L (S8-IT Co Investigator), Krishna Chandran (S8 IT Co-Investigator) and Ajay Suresh (S8-IT Co Investigator) has been selected for funding (Rs10,000) by KTU in the student project category. Asst.Prof.Divya K S The Twelfth research seminar of the computer science and engineering was presented by Prof.Divya K S, Assistant Professor CSE on the topic "AI for Bioinformatics" on 07/06/2021 via Google meet. The session began with introduction to Bioinformatics and its applications. The seminar concentrates mainly on different deep learning architectures for bioinformatics. The session was concluded with different research directions in the field of bioinformatics where AI can be applied. Asst.Prof.Asha Rose Thomas The fourteenth research seminar of the Computer Science & Engineering was presented by Asst.Prof.Asha Rose Thomas, on the topic "Anomaly detection using deep learning" on 14/06/2021 via Google meet. The session focused on different anomaly detection models and applications. It began with introduction to the fundamental concepts of Deep Anomaly detection (DAD). Later several aspects of anomaly detection in different application domain such as cyber intrusion detection, video Surveillance etc were touched upon. Asst.Prof.Gripsy Paul The sixteenth research seminar of the department of Computer Science and Engineering was presented by Er. Gripsy Paul on Monday, 21/06/2021 via google meet on the topic "Enhancing image quality in Visual Cryptography using colours". The session focused on the working of color extended visual cryptography. It started with introduction to different kind of visual cryptography schemes. Later discussed about different methods for achieving color extended VC using 'Visual Information Pixel Synchronization' and 'Error diffusion' technique. Dr.Sujith Kumar P S The fourth research seminar of

Computer Science and Engineering was presented by Dr. Sujith Kumar P.S, Associate Professor CSE on the topic "Introduction to Manet-Layered Approach TCP/IP Model and research scopes" on 14-04-2021 at CSE Seminar Hall, ASIET. The session focused on basics of mobile computing and the role of transport layer protocol in mobile computing and how we can enhance the performance of TCP in Manets. The session was concluded with discussion on implemented results and future work. Aiswarya P L(S8-IT CoInvestigator) , Krishna Chandran (S8 IT Co-Investigator) and Ajay Suresh(S8-IT CoInvestigator) F UNDED PROJECT The Project, "Wrist wearable quarantine tracker using geofencing" of Asst.Prof. Divya G (Principal Investigator), Asst.Prof.Ramesh R (Co-Investigator), Aiswarya P L(S8-IT Co Investigator) , Krishna Chandran (S8 IT Co-Investigator) and Ajay Suresh(S8-IT CoInvestigator) has been selected for funding (Rs 10,000) by KTU in the student project category. Cyril C Kurian of S2 CSE A , Revathy Jess, Shama Thomas and Sravana AJ of S4 CSE B PYTHON PROJECT Attended "Build from home Project by Tinker Hub foundations", to build a project from scratch and deploy it successfully in 7 days in Python from 16/05/2021-22/05/21. Ananthakrishnan P V of S2 CSE A Participated in 'Introduction to Robotics' workshop conducted by IEEE IAS Student Branch Chapter of MEA Engineering College, Perinthalmanna on 20/06/2021. Kevin Paul Babu and Vishnu Prasad of S4 C SE B Attended a workshop on "Basics of Python" by Hack Club of ASIET on 12/06/2021. Sudharsan Attended a "Web Development Workshop" conducted by Industrus Tech & IEEE SSET SB on 12/06/2021 and "Blockchain workshop" conducted by IEEE SB GEC Palakkad on behalf of Excelsior'21 on 19/06/2021. Ashwin Raguraj of S2 CSE A Attended a course on "Engineering with Python" conducted by ICFOSS from 09/06/2021-18/06/2021. Hamna Hassan V.M of S4 CSE A Completed a course on "Introduction to UI design" on 06/06/2021. Honey M, Akshara S Kumar and C S Pooja of S4 CSE A Completed a MOOC course by ISRO IIRS on the topic "Overview of Web GIS Technology" on 21/06/2021. Dona Antony of S4 CSE A Completed a course on "The Bits and Bytes of Computer Networking" (on Coursera). Joseph Jose of S4 CSE B Completed a course at Automation Anywhere on "Unleash your Intelligent Bots: Develop Cognitive Bots driven by AI & ML (IQ Bot)" on 04/06/2021. Gayathri Devanand of S2 CSE A Participated in a webinar on "Crypto Investing and Blockchain technology" by IEDC CET as part of ENovus 21 on 12/06/2021. Hamna Hassan V.M of S4 CSE A Attended a webinar on "IOT Architecture" on 21/06/2021. Honey M and C S Pooja of S4 CSE A Attended a webinar on "Introduction to IOT and IIOT" 02/06/2021. A A Mohammed Fayiz, Dane Jose and Fiyaz Nazeer of S2 CSE A Attended an International Level webinar "Implementation of GIS Technology in Modern Development" organized by TEAM 2020 HELPERS in association with Unique Mappers Team on 18/06/2021.they also participated in an online event- Reality in Hacking conducted by NIXIEBYTES on 13/06/2021. Dona Antony and A S Lakshmi of S4 CSE A Participated in a bootcamp on "Python and Data Analytics" on 15/06/2021. MA Nisam of S4 CSE B Attended a webinar on "Industrial Automation" conducted by IEEE RAS SBC & IEEE IAS SBC of IEEE SB SJCTET, Palai on 23/05/2021. Krishnan Embranthiri TN, Sanath Savio Nelson, Sneha M and Sudharsan of S4 CSE B Attended a webinar on "How to Plan for Startup and IPR, Legal & Ethical steps" organized by CSE Dept, ASIET in association with Institution's Innovation Council on 26/05/2021. Shama Thomas of S4 CSE B Participated in a webinar on Covid 19 Awareness organised by NSS Unit ASIET on 26/05/2021. Sandhra Jolly of S4 CSE B Attended "International Anti-Tobacco Day: form a word contest" organised by NSS unit ASIET on 31/05/2021 and also a webinar on "Introduction to Artificial Intelligence" as a part of "GEEK TALKATHON 1.1"organised by CS Dept & IT Dept of College of Engineering and Management Punnapra on 04/06/2021. Kevin Paul Babu of S4 CSE B Attended a webinar on "Linux: Opening up a new era" and ""Machine Learning without Coding" conducted by Hack Club KMEA on 31/05/2021 and 01/06/2021. Jeeva Joy, Shama Thomas and Sandhra Jolly of S4 CSE B Attended a webinar on "International Yoga Day" organised by National Ayush Mission hosted by NSS unit ASIET on 12/06/2021. Jeeva Joy of S4 CSE B Participated in "Quiz on Environmental Science" conducted by Physics Dept & Science forum, Sree Sankara Vidyapeetom College on 05/06/2021 Sandhra Jolly and Jeeva Joy of S4 CSE B Participated in "Environment Day Quiz" conducted by Episteme, Quiz & Debate Club, Civil Dept, ASIET on 05/06/2021. Joseph George Padayatty of S4 CSE B Participated in the online events "Reality in Hacking", conducted by Nixibyte on 13/06/2021 and "Is Dark Web Really Scary?" an online event about Dark Web, conducted by Nixibytes on 20/06/2021. Gokul Krishna and Athira Bhadrn of S2 CSE A Were the coordinators of the event

"EUPHORIA" conducted by the semester 2 students for the plus two students. Jeevan Nair PK and Sudharsan of S4 CSE B BIG HUNT: ELEVER DEBUGGING COMPETITION Participated in "Big Hunt: Elever Debugging Competition" conducted by IEEE Computer Society Kerala Chapter on 05/06/2021. Blecya Rajan of S2 CSE A XTRINIA 3.0 Took part in an International Event - Xtrinia 3.0, a three day event organized by IEEE SB of MEA Engineering College, Perinthalmanna from 11/06/2021 - 13/06/2021. Ajas Khan, Honey M, C.S. Pooja, Issac Joy, Akshara S Kumar, Dona Antony and A S Lakshmi ECO-FIESTA Participated in a 3 day event based on environment day from 04/06/2021. Akshara S Kumar, Dona Antony, Honey M and C S Pooja of S4 CSE A "DEVICE"- CODING CONTEST Participated in a Coding Contest by IEEE on 09/06/2021. Mareena Kunjachan of S8 CSE Completed the course 'Artificial Intelligence Foundations (V 2 SKOAI101)' , Applied course on 'Machine Learning : Linear Regression' and Applied course on 'Fundamentals of Data Analytics' by LEAPS Analytica from 04/06/2021 to 09/06/2021. Sruthy S Nair of S8 CSE Completed an online non-credit course on ' Migrating to Google Cloud' authorized by Google Cloud and offered through Coursera on 05/06/2021. May 2021 Asst.Prof. Sobha T The Sixth research seminars of the department of Computer Science and Engineering was presented by Asst.Prof. Sobha T on 19/5/2021. The session focused on extraction of edges and contours. It began with introduction to the fundamental concepts like image processing, its applications, edge, contour, etc. Later several edge detection and contour identification methods were touched upon. The session was concluded with discussion on implemented results. Asst.Prof.Divya G The seventh research seminar of the department of Computer Science and Engineering was presented by Asst.Prof.Divya G on 19/5/2021.Variety of data or heterogeneous nature of the data is one of the main challenges of Big. As big data applications are on rise, data fusion should become an integral part of the big data application life cycle. In this seminar, a review of the different data fusion techniques and their applications was provided. Asst.Prof.M Gokilavani The eighth research seminar of the department of Computer Science and Engineering was presented by Asst.Prof.M Gokilavani on 28/5/2021.The session focused on how to detect skin cancer using CNN. Started with the brief introduction about ML and why we prefer deep learning , CNN and experimental analysis with result discussion and concluded with some use full information about the CNN and deep learning to the upcoming researcher. Asst.Prof.Raghi R Menon The ninth research seminar of the department of Computer Science and Engineering was presented by Asst.Prof.Raghi R Menon on 28/5/2021.The session was to know the purchase pattern of customer based on previous purchases using Apriori algorithm in datamining. Started with a brief introduction about data mining and techniques to find the frequent patterns using Apriori algorithm and concluded with comparison of Apriori and DCI closed algorithm and its experimental result. Asst.Prof.Rose Mary Varghese, Asst.Prof.Jain Stoble B and Asst.Prof.Remya Vinayakumar Published a paper on "An Automated Landslide Detection System" in International Journal of Research in Engineering and Science (IJRES), Volume 9, Issue 3, pp: 09-15 Subith O Babu of S8 CSE Completed an online course on 'Introduction to AWS identity and Access management' offered through Coursera on 27/05/2021 Devika Krishnakumar(S4 CSE A) NATIONAL INNOVATION CONTEST 2020 Congratulations to our dear students Devika Krishnakumar(S4 CSE A) and Sangeetha Prasad (ECE) for securing a position among the top 127 finalists in NIC 2020. They had to compete with more than 1400 projects across the country to reach the final list. They will be receiving further training on startup and will also be assessed for funding support in the next stage. The project is guided by Asst.Prof.Anuroop KE of ECE Dept. A S Lakshmi and Dona Antony of S4 CSE A Completed a course on 'The Fundamentals of Digital Marketing' from Google Digital Garage Appu VA of S4 CSE A Completed a course on "Python for everybody" from coursera. Joseph George Padayatty of S4 CSE Completed a courses on "Introduction to IT & Cybersecurity" and "Introduction to Cybersecurity Tools & Cyber Attacks" from Coursera. C S Pooja and Dona Antony of S4 CSE A Participated in "TECODIUM" coding hackathon on 07/05/2021 C S Pooja, Honey M, Issac Joy, Ajas Khan, Bhagya Lakshmi M S and Dona Antony of S4 CSE Participated in the quiz competition "Calibrate 2.0" on 13/05/2021 Kishore Babu, Paul Martin, Jeevan Nair PK and Sudharsan of S4 CSE B Attended a hands-on sessions for the initial five days on Natural Language Processing followed by few interesting competitions conducted by Signal Processing Society Chapter of IEEE SB ASIET from 24/05/2021-

30/05/2021. Jeevan Nair PK, Lekshmi Sharma, Sruthilaya Jyothidas, S Shankarakrishnan and Sudharsan of S4 CSE B and Honey M, Issac Joy and Ajas Khan of S4 CSE A Took part in the "Microsoft Learn Student Ambassador Program" conducted by IEEE Computer Society Chapter of IEEE SB ASIET on 13/05/2021. Amritha R, Ann Mariya Jose and Amal Aji of S2 CSE A and Aishwarya Baiju, Abhijith V Manoj, Jannath Parvin, Aishwarya K Shaji and Akshay P Raj of S4 CSE A Participated in the National event "Electric and future mobility" conducted by MA College, Kothamangalam in collaboration with Pravaig, KSEB and Kerala Volvo on 22/05/2021. C S Pooja and Honey M of S4 CSE A Attended "Git and GitHub" workshop on 22/05/2021. Dane Jose of S2 CSE A Attended a workshop on "chatbot design", organized by Pantech pro labs India Ltd from 26/05/2021-28/05/2021. She also attended an international webinar on "Journey as a scientist of ISRO", organized by TEAM 2020 HELPERS on 29/05/21. Honey M of S4 CSE A Participated in the Bootcamp on "Python and Computer Vision" on 17/05/2021. Issac Joy, Honey M and Ajas Khan of S4 CSE A Attended the "Xtrinia 3.0 M S" workshop on 23/05/2021. Bhagya Lakshmi M S of S4 CSE A Attended a webinar on "Insights on approaching placement" in the month of May 2021. April 2021 Dr. Deepika MP Conducted a session on "Introduction to Cryptography" for the Indian Navy Officials, Kochi on 08/04/2021. Asst. Prof. Jain Stoble B and Asst. Prof. Remya Vinayakumar Salesforce Developer and Salesforce Administrator badges have been achieved by Asst. Prof. Jain Stoble B and Asst. Prof. Remya Vinayakumar by completing 13 courses of Salesforce by ASDC. They are now eligible for an "Educator" badge from Salesforce, which is currently held by less than 20 faculties across India. Gopalkrishnan of S6 CSE Attended "RPA Developer foundation" program on 28/04/2021. Meenakshi of S6 CSE Attended a hands on workshop by GUVI on the topic "Building a face recognition by using Python" on 24/04/2021. Rosemary of S6 CSE Participated in the "Career summit 2021" on 18/4/2021. Mareena Kunjachan of S8 CSE Participated in the Android Study Jams 2021 as Campus Facilitator Conducted by Google Students Club on 09/03/2021. Arathy S Kumar, Athira S Kumar, Saurav S Krishnan, Akanksha S, Vinayak M R, Amal Dev J, Aparna N Kartha, Sreelakshmi T S, Githin Tomy, Riya Cherian, V Tushar Balakrishnan, Akhil P V, Rahul Manoj, Sruthy S Nair, Shilpa Shivan, Deepak Surendran and Sreehari Prasad of S8 CSE Attended "Supervised Learning with scikit-learn", organized by Datacamp on 28/04/2021. Fathimath Sunitha, Aditi Namboodiriad, Sandra Surendran, Sruthy S Nair, Rahul Manoj, Jose Jhony, Riya Cherian, Sreelakshmi T S and Aparna N Kartha of S8 CSE Completed an online course on "Machine learning for everyone".

Month & Year Faculty Achievement March 2021 Asst. Prof. M. Gokilavani and Asst. Prof. Ajay Basil Varghese FUNDED PROJECT The Project, "D-GLASS: THE AI BASED CARE GIVER FOR DEMENTIA PATIENTS", of Asst. Prof. M. Gokilavani (Principal Investigator), Mareena Kunjachan (S8 CSE - Co-Investigator) and Asst. Prof. Ajay Basil Varghese (Co-Investigator) has been selected for Nidhi Prayas Programme under the Department of Science & Technology (DST) in Nidhi Prayas Grant. An amount of INR 3 Lakhs has been sanctioned against the proposal by the committee on 10th March 2021 and have successfully signed MoU with maker village to start the company. Dr. Deepika M P Has been a Resource Person for the Webinar series conducted by the RAIT, D Y Patil University, Navi Mumbai and RAIT ACM Student Chapter on the Topic Visual Cryptography-An Introduction, on 02.02.2021. <https://fb.watch/4qMNYTg3Zy/> Completed ATAL FDP on "Blockchain Technology-Future of Cyber Security" from 18/01/2021 to 22/01/2021. Asst. Prof. M. Gokilavani Successfully participated and completed five-day workshop on "Mathematics for Machine Learning" organized by Department of Basic & Applied Science, NIT Arunachal Pradesh sponsored by AICTE from 25/01/2021-30/01/2021. Asst. Prof. Rose Mary Varghese, Asst. Prof. Jain Stoble B and Asst. Prof. Remya Vinayakumar Published a paper titled "An Automated Landslide Detection System" published in International Journal of Research in Engineering and Science (IJRES) ISSN (Online): 2320-9364, ISSN (Print): 2320-9356 Attended a technical training session on C++ and JAVA conducted from 03/03/2021 to 05/03/2021. February 2021 Asst. Prof. Ramesh R Has been a Resource Person for a webinar on "BIG DATA ANALYTICS AND IMPORTANCE OF APACHE SPARK" conducted by CSE department, UNIVERSITY INSTITUTE OF TECHNOLOGY. Dr. Manish T I and Asst. Prof. Ramesh R Conducted an introductory session on NIRF & ARIIA for the faculties of Computer Science & Engineering Department, ASIET on 18/02/2021 at CSE seminar

hall. January 2021 Dr. Manish T I, Professor & Dean Ph.D Program Selected as one of the board of studies member for UG CSEs in APJ Abdul Kalam Technological University. Selected as reviewer in Journal of International Technology, Taiwan ISSN: 1607-9264 (SCI Journal) Published a paper titled "An adaptive weighted denoising filter framework for impulse and shot noise: a mammogram image applications" published in Int. J. Biomedical Engineering and Technology, Vol. 34, No. 4, 2020 (SCI Journal) Asst.Prof.Gripsy Paul Mannickathan Attended a one-week AICTE – ATAL Sponsored Online Faculty Development Program on "Artificial Intelligence" from 18th to 22nd January 2021. Asst.Prof. Divya K S Attended a one-week AICTE - ATAL Sponsored Development Program on "Potential research Avenues in computer Science and Biology" from 19th to 23rd January 2021 December 2020 Asst.Prof.Ajay Basil Varghese GITECH Future Stars 2020 Machbee Pvt Ltd incubated at Adishankara TBI had made us proud by projecting the name of our Institution at GITECH Future Stars 2020, global start-up event held at Dubai World Trade Center, UAE. We are one among the 6 start-up from Kerala selected by Kerala Startup Mission and one among the 11 startups from the country through Start-up India initiative. We received the golden opportunity to showcase the innovation products of our students of ASIET along with more than 300 exhibitors from some 60 countries at the GITECH Future Stars 2020 expo. The team was led by Asst.Prof.Ajay Basil Varghese, Dept of Computer Science and Engineering, ASIET. Asst.Prof. Ajay Basil Varghese Selected as Thrissur district core member of Kerala Development and Innovation Strategic Council. Dr.Vince Paul (Professor) & Dr.Manish T I (Dean Ph.D Program) International Patent An Innovation Patent titled "Adversarial Training For Large Scale Healthcare Data Using Machine Learning System" is Granted in Jurisdiction of Australia by Dr.Manish T I (CSE), Dr. Vince Paul (CSE), Dr. Tony George (EEE) with Patent number: 2020102667 on 23 December 2020. Dr.Manish T I (Dean Ph.D Program) International Patent Dr. Manish T I has been granted a patent on "To Reduce Data Processing Workload with Cloud Computing Environment" by IP Australia in the month of December 2020. Prof. Simi M S as applicant and mentor as Dr. Manish T I Funding Proposals The first level selection of DST funding proposal Women Scientist Scheme-B (WOS-B) with Prof. Simi M S as applicant and mentor as Dr. Manish T I first level selection is completed. Dr.Manish T I, Dean Ph.D Programs ISRO Online Courses We have 9 members from our college which includes two PG CSE Students who completed the IIRS ISRO online course and Dr.Manish T I, Dean Ph.D Programs is the Coordinator of the course. Asst.Prof.Gripsy Paul Mannickathan Published papers on "A Study on QoS and Security techniques of 4G Wireless Network" and "A Survey on DDoS Attack Detection Methods Employing Intelligent Techniques" in the International Journal of Computer Trends and Technology, Volume 68 Issue 11, 79-82 and Volume 68 Issue 11, 83-85, November 2020. Asst.Prof. Ramesh R Completed an online course on "Developing the SIR Model" by Imperial College London and an online course on "COVID-19 Data Analysis Using Python" by Coursera Project Network. Dr. Manish T I Was a resource person for AICTE Sponsored STTP on "Smart Computing Technologies and Applications Organized by Dept. of CSE, MES College of Engineering, Kuttippuram from 14 to 19 December 2020. He also participated at the University of Bolton – BCS Virtual Talk Series on 25 November 2020 for the topic: "AI & LIDAR technology in Road Safety & Security" by Mohamed Sadek. Asst.Prof. Divya G, Asst.Prof.Anaswara Jayan and Asst.Prof. Ramesh R Attended 5 days ATAL Faculty Development Program on "Internet of Things (IoT)" from 14-12-2020 to 18-12-2020, conducted by C-DAC, Kolkata. November 2020 Prof. Divya G and Dr. Manish T I Presented paper titled "Machine Learning Techniques and Frameworks for Heterogeneous Data Fusion in Big Data Analytics" in the "4th International Conference on Electronics, Communication and Aerospace Technology - ICECA 2020" (Scopus Indexed). Conference held from 5th to 7th Nov 2020. Prof.Gripsy Paul Mannickathan Attended a Technical Talk on : OVERVIEW OF THE PATENT SYSTEM IN INDIA, on November 13th, Organised by Computer Society of India (CSI) -Cochin Chapter Asst.Prof. Jain Stoble B and Asst.Prof. Remya Vinaykumar, The course coordinators of Salesforce participated in a training program on Salesforce on 19th and 20th November 2020, along with registered students of S3 CSE and S5 CSE. Asst. Prof. Simi M S Attended ATAL online FDP on DATASCIENCE USING PYTHON organized by Government Polytechnic Gandhinagar. October 2020 Asst.Prof. Gripsy Paul Mannickathan Published a paper titled "Efficient traffic clearance for emergency vehicle" in the "International Journal of Psychosocial Rehabilitation". Volume 24 - Issue 7, October 2020

Asst.Prof.Teena George Attended "Talentnext Wipro Certified Faculty Training Program" and got trained on Wipro's Project Based Learning framework in Java- J2EE and Python. Asst.Prof.Jain Stoble and Asst.Prof.Remya Vinayakumar Attended an FDP on "Salesforce" from 28th September to 2nd October and is eligible for an "Educator" badge from Salesforce, which is currently held by less than 20 faculties across India. Asst.Prof.Jain Stoble Attended the AICTE sponsored Six Days National Level Short - Term Training Programme on "Outcome Based Education" for Technical Institutions" from 14th October 2020 to 20th October, 2020 at Rajagiri School of Engineering and Technology. Asst.Prof Gripsy Paul Mannickathan Attended an International webinar on "Leadership Development for Faculty & New Program offerings for students" and "How Motorsport makes Engineers better" on October 2nd & 3rd, 2020, organised by Scots Hunt. She also attended the 2nd RBCDSAI Latentview AI colloquium on "META-LEARNING A Roadmap for Few-Shot Transfer Learning" on October 15th, 2020 and an international webinar on "MACHINE LEARNING IN MUTLIDISPLINARY RESEARCH" on October 29th, organised by College of Engineering Trikaripur. Asst.Prof.Remya Vinayakumar and Asst.Prof.Jain Stoble Participated in a webinar on "Artificial Intelligence" by Prof. M Praveen Kumar, conducted by Nirmala Engineering College on October 21st, 2020. September 2020 Asst.Prof.M.Gokilavani and Asc.Prof. Deepika M P Published patent on, "Deep Learning and Internet Of Things Supported Interactive Assistive System" (Bio Medical Engineering) Application Number: 202041035454 Asst.Prof.Joseph George Published a paper on "Food Ordering Application for Canteen using React Native", June 2020, International Journal of Engineering and Technical Research V9(06)DOI: 10.17577/IJERTV9IS060045 and another paper on "VIDEO SURVEILLANCE USING DEEP LEARNING". JCR. 2020; 7(9): 2949-2956. doi:10.31838/jcr.07.09.459 Prof.Manish T I, Ass.Prof.M.Gokilavani, Ass.Prof.Asha Rose Thomas, Ass.Prof.Gripsy Paul Mannickathan, Ass.Prof.Neetha K Nataraj and Ass.Prof.Remya Vinayakumar Attended the webinar on 23/9/2020, Jointly organised by IQAC, Sree Sankara College and IQAC, Adi Shankara Institute of Engineering and Technology, Kalady. Ass.Prof. Jain Stoble and Ass.Prof.Rosemary Varghese Participated in ATAL AICTE sponsored 5 days Faculty Development Programme on "ROBOTICS &IR 4.0", from September 7th to September 11th 2020 organized by the Department of Electronics and Communication, Adi Shankara Institute of Engineering and Technology, Kalady. Ass.Prof.Joseph George, Ass.Prof.Jain Stoble and Ass.Prof.M.Gokilavani Participated in the TEQIP sponsored online FDP on "FSDP-Python for Machine Learning", from 14th to 18th September 2020. Ass.Prof.Remya Vinayakumar, Ass.Prof. Jain Stoble and Ass.Prof. Rosemary Varghese Attended a webinar on "Python for Machine Learning" organized by Alumni Association in association with CSI Students chapter, College of Engineering Pathanapuram Ass.Prof.Joseph George Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Science & Biology" from 29th August to 2nd of September at PDPM IIITDM Jabalpur. Ass.Prof.M Gokilavani Had successfully completed the courses, "Introduction to medical data science" and "Medical diagnosis using SVM", in coursera. Ass.Prof.M Gokilavani Participated in an FDP on, " High Quality medical diagnosis using data science for societal benefits" by Velagapudi Ramakrishna Siddhartha Engineering and Technology, Andra Pradesh from 21st to 25th Sep 2020 and 15 days FDP on "Data Science & Its Applications In STEM", by Andhra University College Of Engineering -Vizianagaram, starting from 7/9/2020. Ass.Prof.M Gokilavani Attended a short term course on, "Machine learning: Theory and applications (MLTA-2020)", Conducted by Dr. B R Ambedkar National Institute of Technology, Jalandhar from September 9th to 13th. August 2020 Prof.Simi MS Published a paper entitled ""Tixmate-The Smart Ticketing Solution" in the "International Journal of Advances in Engineering and Management(IJAEM)", Volume 2 ,Issue 3 ,Pages 593-596 , July 2020 . She also published a paper on "Alcohol Drunk and Drive Accident Prevention System" in the "International Journal of Scientific Research Engineering Trends(IJSRET) " , Volume 6 , Issue 4, Pages 2457-2461, Aug 2020. Successfully completed 30 hours of professional development for the course Database Foundation, offered by Oracle Academy. Attended a 5 day Online FDP on "Artificial Intelligence and Data Analytics for Automation" organized by the Department of Robotics Engineering, Karunya Institute of Technology and Sciences, Coimbatore, from 27/7/2020- 31/7/2020 Participated in the Webinar on "Machine Learning in Healthcare and Agriculture" organised by the EC Department,

ASIET on 6/8/2020 Participated in the Webinar on "SELENIUM WITH JAVA-Continuous and Automation testing using Selenium" organised by the CSE Department in association with ACE(Association of Cyber Experts), TKM Institute of Technology, Kollam on 1/8/2020 Prof. Asha Rose Thomas Presented a paper on "Automatic Text Summarization of News article" in the national conference NCGCE'20, organized by IES college of Engineering Thrissur. Dr.Deepika MP Resource Person for Short Term Training Programme (STTP) on "IMAGE FORENSICS" from 27/7 -1/8/2020 Under TEQIP Phase-III, organized by Division of Electronics Engineering, School of Engineering, CUSAT & THDC Institute of Hydropower Engineering & Technology. Completed the AICTE Sponsored 6 Days Short Term Training Programme on Cyber Security, Forensics and Cyber Laws from 3/8 - 8/8/2020 conducted by Hindustan Institute of Technology and Science, Chennai. Prof.Neetha K Nataraj Participated in the webinar " Machine Learning with Data Analytics " on 31/7/2020 organized by CSE Department ,College of engineering Pathanapuram Participated in 2 days FDP on Introduction to Machine Learning using Python" conducted by Department of ECE and CSE ,ASIET from 30/7-1/8/2020 Participated in the webinar on interactive Tools for Effective Online Classes organised by the BSH Department ,Rajagiri School of Engineering & Technology on 16/8/2020 Prof.Raghi R Menon Participated in the webinar " Machine Learning with Data Analytics " on 31/7/2020 organized by CSE Department ,College of Engineering Pathanapuram Participated in 2 days FDP on Introduction to Machine Learning using Python" conducted by Department of ECE and CSE ,ASIET from 30/7-1/8/ 2020 Participated in the webinar on interactive Tools for Effective Online Classes organised by the BSH Department ,Rajagiri School of Engineering & Technology on 16/8/2020 Prof. Gripsy Paul Mannickathan Participated in 2 days FDP on "Introduction to Machine Learning using Python" conducted by Department of ECE and CSE ,ASIET from 30/7-1/8/ 2020 Participated in the Webinar on "Experiences on Practical Engineering" organised by IEEE PES YP Kerala, ASIET on 1/8/2020 Participated in the Webinar on "Introduction to Game Development and Career Opportunities in Gaming Industry" organised by Thivra Info Solutions, on 24/8/2020 Prof.Teena George Participated in 2 days FDP on "Introduction to Machine Learning using Python" conducted by Department of ECE and CSE ,ASIET from 30/7-1/8/ 2020 Cleared the prerequisites assessment test of Wipro talentnext WCF program. Participated in Webinar "Emerging Cyber Security Threats" by the National Informatics Centre (NIC) - Computer Emergency Response Team (CERT), Govt. of India. Prof.Rose Mary Varghese Participated in 5 days FDP on "Salesforce Faculty Development Program" conducted by Salesforce, from 27/7- 31/7/2020 Participated in the webinar "Lightning Risk Reduction and Management" organised by Department of Mechanical Engineering, ASIET in association with Institute of Land and Disaster Management on 29/7/2020. Prof.Jain Stoble B Participated in the webinar "Lightning Risk Reduction and Management" organised by Department of Mechanical Engineering, ASIET in association with Institute of Land and Disaster Management on 29/7/ 2020. Participated in the webinar on "Introduction to Microservices" organised by Department of Computer Science and Engineering, Jyothi Engineering College, Thrissur Participated in the webinar "Higher studies in Foreign Universities after Engineering" organised by Department of Applied Electronics & Instrumentation, ASIET on 07/8/2020. Prof.Remya Vinayakumar Participated in the webinar on "Introduction to Microservices" organised by Department of Computer Science and Engineering, Jyothi Engineering College, Thrissur Participated in the webinar "Lightning Risk Reduction and Management" organised by Department of Mechanical Engineering, ASIET in association with Institute of Land and Disaster Management on 29/7/2020. July 2020 Prof. Ierin Babu Took a patent on "Automated Methodology and System to Manage the Student Related Information Efficiently", Application No.202041021480 and got published on 05/06/2020. She also published a paper entitled "An Enhanced Fusion Based Region Selection for Co-Salient Detection" in the "International Journal of Advance Research and Innovative Ideas in Education" Volume 6 Issue 4 Pages 90-94 (June 2020). Prof.Raghi R Menon Published a paper titled "PHOENIX -THE BLIND LEARNING APPLICATION" in the International Journal of Innovative Research in Information Security (IJIRIS) ISSN: 2349-7017 Issue 05, Volume 7 (June 2020). Prof.Gripsy Paul Published a paper on "Effective Management of Resources during Floods using Optimal Allocation Schemes" in the Journal IJESC, Volume 10 Issue No.6 (June 2020). Prof. Ramesh R Presented a paper in ACCESS 2020: International Conference on Advances in Computing, Communication, Embedded and Secure Systems, ASIET,

Kalady. Prof.Divya KS ,Prof.Ierin Babu, Prof. Asha Rose Thomas and Prof.Simi MS Participated in 5 days online STTP on "Recent Trends and Applications of Machine Learning and Deep Learning in IT",RAIT,Navi Mumbai, from 25th May to 29th May 2020 Prof. Asha Rose Thomas and Prof.Ierin Babu Attended an FDP on "R&D Approach to Industry 4.0" at IES College of Engineering, Thrissur held from 3rd June to 5th June 2020. Prof.Ierin Babu Attended the tutorial talks of the International Conference on Advances in Computing, Communication, Embedded and Secure Systems, (ACCESS'20) organized by Department of Electronics and Communication Engineering, ASIET, Kalady, during May 28th to 30th, 2020. Prof.Gripsy Paul Attended an International Webinar on "Role of AI/ML in fighting COVID-19", Aarupadai Veedu Institute of Technology, 11th June 2020. Prof.Asha Rose Thomas Participated in a Webinar on "Introduction to Block Chain Technology" organized by IES College of Engineering ,on 25th May 2020 Prof.Ramesh R Attended a webinar on "Building a Successful Coursera for Campus Program" May 19, 2020 Prof.Teena George Attended Webinar on "Efficacy of AI" on 8th June 2020 and a webinar on "Open source intelligence for forensics". She also participated in National online workshop on "Publishing in scopus indexed and UGC care list of journals" Prof.Simi MS Completed a 4 week Coursera course on "Introduction to Data Science in Python" from University of Michigan. Ms. Deepa V V Completed course on CCNS (Certificate Course on Network Security) from ICSI,UK June 2020 Prof. Ierin Babu Took a patent on "Automated Methodology and System to Manage the Student Related Information Efficiently", Application No.202041021480. She also published a paper entitled "An Enhanced Fusion Based Region Selection For Co-Salient Detection" in the "International Journal of Advance Research and Innovative Ideas in Education" Volume 6 Issue 4 Pages 90-94 on 5th June 2020 Prof.Raghi R Menon Published a paper titled "PHOENIX -THE BLIND LEARNING APPLICATION" in the International Journal of Innovative Research in Information Security (IJIRIS) ISSN: 2349-7017 Issue 05, Volume 7 Prof.Gripsy Paul Published a paper on "Effective Management of Resources during Floods using Optimal Allocation Schemes" in the Journal IJESC, Volume 10 Issue No.6 Prof. Ramesh R , Prof. Manish T I, Prof. Divya G and Mrs. Deepa V V Were the resource people who were actively involved in training the teachers of Sree Sarada Vidyalaya on the topic "online tools" Prof. Ramesh R Presented a paper in ACCESS 2020: International Conference on Advances in Computing, Communication, Embedded and Secure Systems, ASIET, Kalady. Prof. Asha Rose Thomas and Prof.Ierin Babu Attended an FDP on "R&D Approach to Industry 4.0" at IES College of Engineering, Thrissur 3rd June to 5th June 2020. Prof.Gripsy Paul Attended an International Webinar on "Role of AI/ML in fighting COVID-19", Aarupadai Veedu Institute of Technology on 11th June

2020 Prof.Teena George Attended Webinar on "Efficacy of AI" and a webinar on "Open source intelligence for forensics". She also participated in National online workshop on "Publishing in Scopus indexed and UGC care list of journals" on 8th June 2020 Prof.Simi MS Completed a 4 week Coursera course on "Introduction to Data Science in Python" from University of Michigan Ms. Deepa V V Completed course on CCNS(Certificate Course on Network Security) from ICSI,UK May 2020 Prof.R.Rajaram Taken in-charge as Head of the Department of Computer Science and Engineering on 12th May 2020 Dr Vince Paul Had developed a new portal for Adi Shankara to provide mock test and course materials for Aspirants of KEAM 2020. Prof. Deepika M P Resource Person for an ASAP online session for the subject Cryptography and Cyber security on Public Key Crypto Systems on 14th May 2020 Dr. Manish T I Resource Person for an ASAP online session for the subject Distributed Systems on the topic Time and States 16th May 2020. Prof.Simi M S (as Principle Investigator) & Dr. Manish T I(as Mentor) Applied for a funding on Women Scientist Scheme -B under Department of Science & Technology in the topic Female Infertility Prediction using Ensemble Models. Prof. Sobha T Published a paper on "An Efficient Image Processing Technique to Count Red Blood Cells" in the International Journal of Engineering Research and Technology Prof. Joseph George Published two papers titled "Comparison of Regression Models on Covid-19 Cases" in the "International Research Journal of Engineering and Technology" and "An Efficient Image Processing Technique to Count Red Blood Cells" in the International Journal of Engineering Research and Technology Prof.Teena George, Prof. Sreeresmi T S and Prof.Asha Rose Published two papers, "Automatic Text Summarization of News articles" and "A Three Tier Secure System for Online Voting " in the "International Research Journal of

Engineering and Technology" in the month of April and May respectively. Prof. M.Gokilavani "Expert System for Diagnosis of Skin lesion using Android Application with Tensor Flow API", is accepted for publication in the Journal of Medical Image Analysis (SCI indexed) Prof.Ierin Babu "Monitoring Driver's Drowsiness Status at Night Based On Computer Vision" is accepted for publishing in the "Indian Journal of Computer Science and Engineering" (Scopus Indexed). Prof.Ramesh R A paper titled "Clustering Analysis of Epidemic Dataset using Distributed Platform" is selected for ACCESS' 20 Int. Conference and there after publication in Springer book series(Scopus Indexed). Prof. Divya G Attended an ATAL FDP on "Internet of Things" conducted by IIIT Nagpur on 7th to 11th May 2020 Dr. Manish T I Attended an FDP on Data Analytics using Python from by NITTTR, Chandigarh on 18th to 22nd May 2020 Prof.Asha Rose Thomas, Prof. Neetha K Nataraj and Prof. M.Gokilavani Attended "Research Colloquium-Data Processing in COVID'19 Dataset. Prof.Ierin Babu Took part in a three day faculty development programee on "Microsoft Azure for Beginners" Department of Computer Applications, School of Computing, Kalasalingam Academy of Research and Education on 12th to 14th May 2020. Prof. M.Gokilavani and Prof.Ierin Babu Attended an FDP Sponsored by Spoken tutorial Project IIT Bombay on LaTeX and SCI lab organized by Department of Mathematics D.K.M College for Women(Autonomous), Vellore on 4th to 8th May 2020. Ms. Deepa V V and Ms. Deepa P Participated in an FDP on "Moodle Learning Management System" organised by Spoken Tutorial Project-Indian Institute of Bombay in association with Singhad Institute of Technology, Pune on 1st to 6th May 2020 Ms. Deepa V V Attended an FDP on "Configuration of Smart Home using Cisco Packet Tracer" conducted by Jain Deemed to be University, Bangalore Ms. Deepa V V and Ms. Deepa P Took part in an FDP on Data Science using R conducted by NITTTR,Chandigarh on 23rd May 2020 Prof. Jain Stoble Participated in an FDP on Data Analytics using Python from by NITTTR, Chandigarh. She also completed a course on Python Fundamentals in Coursera 18th to 22nd May 2020 Prof. Neetha K Nataraj, Ms. Deepa P and Ms. Deepa V V Attended an FDP on "Big Data Analytics" conducted by NITTTR,Chandigarh. 18th to 22nd May 2020 Prof.Simi M S Completed a course on "Data Mangement for Clinical Research" and a course on "R Programming" in Coursera. Prof. Deepika M P Completed the course "The Absolute Beginners Guide to Cyber Security 2020" on Udemy. Prof. Teena George and Prof. Asha Rose Thomas Attended a workshop on "Software Development Using Flutter". Prof. Teena George Participated in a seven days online training on Android Apps Development Organised by Appronix Technologies in collaboration with Department of Electronics and Telecommunication of Sandip Institute of Engineering and Management – Nashik. Prof. Remya Vinayakumar, Prof. Rosemary Varghese, Prof.Joseph George, Prof.Gripsy Paul, Prof. Neetha K Nataraj, Ms.Deepa V V, Ms.Deepa P, Ms.Shibi James, Ms.Sumathy M V, Ms.Jannet Roselin, Ms. Sangeetha K G Took part in the COVID-19 Pandemic Awareness Quiz Prof.Joseph George Participated in an NBA quiz program. He also completed an online course on Machine Learning. Prof.Gripsy Paul Completed an Online Short Term Course on "Research Oriented Project Work" conducted by NITTTR, Chandigarh on 11th to 15th May, 2020 Prof.Divya K S Attended two days Instructor Led Live Online Workshop On ML & AI Using Covid-19 Virus Data Analysis held during 02nd- 03rd May 2020. She also completed an online course on "Introduction to Internet of things using Raspberry Pi 2" on 16th May 2020 Prof. M.Gokilavani Completed courses on RPA starter and RPA foundation under Uipath Robotic Automation Process ,courses on "Research Methodology" and " NBA Accreditation and Teaching-Learning in Engineering (NATE)",on NPTEL. She participated in online quizzes on "Artificial Intelligence", "Digital image processing" and "IoT " On 5/18/2020 hosted by different Universities. She completed a course on "Let's Break the Chain of COVID-19 Infection" as the part of MBRU community immunity Ambassador program on 18th May 2020 Prof.Divya KS, Prof.Ierin Babu, Prof.Asha Rose Thomas and Prof.Simi MS Participated in 5 days online STTP on "Recent Trends and Applications of Machine Learning and Deep Learning in IT", RAIT, Navi Mumbai on 25th May to 29th May 2020. Prof.Ierin Babu Attended the tutorial talks of the International Conference on Advances in Computing, Communication, Embedded and Secure Systems, (ACCESS'20) organized by Department of Electronics and Communication Engineering, ASIET, Kalady, on May 28th to 30th, 2020 Prof.Asha Rose Thomas participated in a Webinar on "Introduction to Block Chain Technology" organized by IES College of Engineering on 25th May 2020 Prof.Ramesh

R Attended a webinar on "Building a Successful Coursera for Campus Program" on 19th May 2020. Prof. Raghi R Menon Published a paper titled "Combining clustering methods for tumor diagnosis in brain MRI images An improved tumor identification method using hybrid clustering algorithms" in the "International Journal of Scientific Research in Engineering and Management" on April 2020 April 2020 Dr Vince Paul The resource person for an ASAP online session for the subject Web Technologies on the topic JavaScript conducted on 18/04/2020. Prof. Ajay Basil (Nodal Officer, TBI & IEDC) Played a major role in the development of 'JeevaVayu', the first emergency ventilator developed by the startups at the TBI, Adi Shankara Institute of Engineering and Technology, Kalady: iCube Design Studio, RIOD Logic Pvt. Ltd. and Machbee. It is under his guidance Adi Shankara TBI in collaboration with CIIRC, Bengaluru developed N95 mask sanitizing unit, to help overcome the Covid19 crisis. Prof.Ramesh R The resource person for two ASAP online session for the subject for the subject Data Analytics on 23/04/2020. He has submitted proposal for 5 add-on online courses to ASAP GoK for BTech, Polytechnic and School students. Prof.Ramesh R (ASAP-Nodal Officer/Google EDU admin) and Prof. Remya Vinayakumar(Google Ace Program Co-ordinator/Google EDU admin) Achieved 100% completion of the GOOGLE ACE online Program which had 86 participants including the students of S8 CSE, S8 IT, teaching and non-teaching staffs. Prof.Divya K S Attended a workshop on Improving Research Planning & Writing Skills at Technical Institutes on 28th April (AICTE) Prof.Joseph George Attended an online course on Machine Learning using Python sponsored by AICTE. Prof.Ramesh R Attended one day webinar session on VMWARE EVOLVE Online (24 March 2020). He participated in an online training on "MAP & LOCATION TECHNOLOGY" by HERE technologies on 02-04-2020 (ASAP) Prof.Divya G, Prof.Ramesh R, Ms.Deepa P and Ms.Deepa V V Took part in an STP on IoT by NITTTR Chandigarh from 15-04-2020 to 19-04-2020. Prof.Rosemary Varghese, Prof.Jain B Stoble, Prof.Remya Vinayakumar, Prof.Divya G, Prof.Ramesh R, Ms.Deepa P and Ms.Deepa V V, Ms.Sumathy M V, Ms.Sangeetha K G, Ms.Shibi James, Mr.Sumesh S Menon and Mr.Rajesh R Participated in one Week STP on Linux Applications in Engineering Education by NITTTR Chandigarh from 27-04-2020 to 01-05-2020. Prof.Teena George Completed Nptel course on "Programming in C". April 2020 Prof.Remya Vinayakumar Attended an online workshop on Intellectual Property Rights by PDP University for the academicians and researchers on 10/04/2020. Prof. SIMI M S completed 4 Coursera courses on Data Science Specialization offered by Johns Hopkins University Prof.Asha Rose Thomas Attended webinar on Introduction to Git and Git Hub organized by Foss Cell & IEEE on 28/4/2020. Prof.Ierin Babu, Prof. Jain B Stoble, Prof. Remya Vinayakumar and Prof. Ajay Basil Varghese Completed a course under MBRU Community "Let's Break the chain of COVID 19" during the month of April. March 2020 Dr

Vince Paul Published a Book on C Programming, for Semester 2 KTU Syllabus oriented. Attended a National Workshop on " Simulation and Emulation of Self Organized Networks on Feb 07 & 08 2020. Prof.Ierin Babu Attended a meet up with Cyberdome officials on 7th March 2020 at Cyberdome, Technopark Trivandrum where she has been selected as the Cyberdome Volunteer. Prof. Ajay Basil Varghese A Virtual Classroom on C-Programming is being hosted by Prof. Ajay Basil as a part of Adi Shankara TBI in collaboration with our startup Edwhere. February 2020 Prof Ajay Basil Varghese Invited as a resource person to host a hands-on workshop on "Startup Business plan preparation" at Rajiv Gandhi Institute Of Technology (Government Engineering College, Kottayam) on 14th February 2020. He was also invited by Directorate of Industries and Commerce(DIC), Government of Kerala for setting up new policy framework for Entrepreneurship Development Schemes in Kerala at Kerala Institute of Local Administration(KILA, Thrissur) on 20/2/2020. Head of the department Prof. Unnikrishnan K N Attended the Wiley Global Innovation Conclave (2020) on Wednesday, 5th February 2020 at ITC Gardenia hotel, Bengaluru featuring Dr. Ram Charan and Brian Napack, President and CEO, Wiley. It was an exclusive, by invitation only, thought leadership platform hosted by Wiley, and was attended by top of the line CXOs, leaders from business, technology and academia. The theme of the 2020 Conclave was Digital Transformation NXT: Xperimental to Xponential. Prof. Unnikrishnan K N Actively took part in Discuss Education Barcamp 2020 conducted on 23/2/2020 by Linways Technologies, Kinfra Hi-Tech Park, Kalamassery, Kochi, where various teachers, educators, academicians, and education enthusiasts came together to participate in debates, discussions, presentations, and open interactions that are focused

on uncovering new ideas, and sharing different perspectives about future of education & technology. Prof. Ramesh R Resource person to conduct the Orientation programme on the topic "Learning Management System" for the Teaching Faculty members of the SREE SANKARACHARYA UNIVERSITY OF SANSKRIT at Head Quarters, Kalady on 18.02.2020 Dr. Manish T I Published a patent titled 'Drainage poison gas detection and alertness' in the month of January 2020 with application number (201911054656). Prof. Neetha K Nataraj and Prof. Deepika M P Attending CSI-SBC meeting on 31/1/20, as part of State Level CSI Convention at MES Marapally. Five students participated for two events Mareena Kunjachan(S6 CSE), Sandra Surendran(S6 CSE) for Code Debugging and George Menezes(S6 CSE) , Suraj Kumar(S6 CSE), Benison Sebastian (S6 CSE) for Web Designing. January 2020 Prof. M. Gokilavani Two projects of Prof. M. Gokilavani, is selected for Reebot hackathon kerala under the area of Revenue and Survey and Food and Health Department. Prof. Gripsy Paul and Prof. Divya K S Attended a faculty development program, 'The art of paper writing and publishing in the pursuit of academic excellence from 13/1/2020 to 15/1/2020 at SCMS, Kochi. Prof. Ramesh , Prof. Divya G along with the technical staffs Mrs. Deepa P and Mrs. Sumathy MV Attended a two days FDP on "HPC, AI & Edge Computing at FISAT from January 6th , 2020. Prof. Ajay Basil Varghese Conducted a session on "Startup i3" at *ശ്രീശങ്കരം 2020* hosted at Sree Sankara College with the support of Directorate of Higher Secondary Education, Government of Kerala. Sixty selected Higher Secondary students from various schools in Ernakulam (Dist) attended the same. December 2019 Prof. Unnikrishnan K N, Dr. Manish T. I., Mr. Sumesh S Menon Visited to Centre for Excellence in Computational Engineering and Networking (CEN) at Amrita Vishwa Vidyapeetham University, Coimbatore to familiarize the B.Tech Artificial Intelligence course implementation Dr. Manish T. I. Visit to CIIRC Bangalore on 22 November 2019, Interaction with research scientists of CIIRC on specific project proposals in remote sensing Prof. Ajay Basil Varghese Invited as the judge for district level evaluation - Young Innovator Program 2019 (YIP) organized by Kerala Development and Innovation Strategic Council (KDISC) Govt. of Kerala at Integrated Startup Complex, Kochi Got an exclusive opportunity to meet Sri Sivashankar IAS (Secretary IT, Government of Kerala). Showcased the innovative product Smart Cooking Stove developed by Machbee incubated at Adishankara TBI. Invited as a resource person for the National FDP on Entrepreneurship & Startups sponsored by NSTEDB, Dept of Science and Technology (DST), Govt of India. Invited at Kerala Institute for Entrepreneurship Development (KIED) as an advisor for enhancing Entrepreneurship Development Clubs (ED clubs) in arts colleges and schools across the state, under Directorate of Industries and Commerce, Government of Kerala. Prof. Gripsy Paul M Participated in the IEEE Branch Counselors Congress (BCC 2019) held on 12th December 2019 at Hotel Abad Plaza, Cochin, Kerala NCER Venue II Coordinator (CSE seminar hall) Prof. Sankara Nayaki K Participated in the IEEE Branch Counselors Congress (BCC 2019) held on 12th December 2019 at Hotel Abad Plaza, Cochin, Kerala Dr. Manish T I Attended ATAL FDP on Blockchain to be held at ASIET, Kalady from 09.12.19 - 13.12.19. Dr. Manish T I, Prof. Jain Stoble Attended 2 day Python Programming TTT conducted at Jyothi Engineering College on 2nd and 3rd December 2019 Gripsy Paul Attended ATAL FDP on Block chain from 9th to 13th December, 2019 at ASIET Simi M S Attended ATAL FDP on Artificial Intelligence from 2nd to 6th Dec at College of Engineering Chengannur Attended ATAL FDP on Block chain from 9th to 13th Dec at ASIET Sameera K M, Sankara Nayaki K, Prof. Unnikrishnan K N, Gokila Vani, Rosemary Varghese, Raghi R Menon, Ierin Babu, Ramesh R, Sumesh M S, Neetha K Nataraj, Remya Vinayakumar, Divya KS Attended ATAL FDP on Block chain from 9th to 13th Dec at ASIET Prof. Ajay Basil Varghese Invited as the judge for district level evaluation of Young Innovator Program 2019 (YIP) organized by Kerala Development and Innovation Strategic Council (KDISC) Govt. of Kerala at Integrated Startup Complex, Kochi Invited at Kerala Institute for Entrepreneurship Development (KIED) as an advisor for enhancing entrepreneurship development clubs (ED clubs) in arts colleges and schools across the state, under Directorate of industries and commerce, Govt. of Kerala. Invited as the resource person for the National FDP on Entrepreneurship and Startups sponsored by NSTEDB, Dept of Science and Technology (DST), Govt of India. He got an exclusive opportunity to meet Sri Sivashankar IAS (Secretary IT, Government of Kerala). Showcased the innovative product Smart Cooking Stove developed by Machbee incubated at Adishankara TBI. November 2019 Prof. Ajay Basil

Varghese Adi Shanakara Institute of Engineering & Technology has been selected as one among the fourteen colleges, across Kerala for the deployment of LoRaWAN gateway under the Govt. Kerala scheme. – “LoRaWAN for IOT” through ICFOSS. The evaluation was done based on the number of hardware startups incubated at campus. IoT markable products developed. IoT projects done and also based on the FOSS club activities. Prof. Sankara Nayaki K. Published a paper on “Pregnancy Healthcare via Medical IOT” in the “Returning Mothers – Rediscovering the lost talent pool” IEEE women in engineering and the world bank group on energy and extractives conference at Sree Venkateswara College of Engineering, Bengaluru on 13th and 14th November 2019. Prof. Ierin Babu Presented a paper titled “Envisaging the Academic Performance of students” at IEEE International conference on Computing Communication and Intelligent Systems organized by School of engineering & Technology Sharda University Noida on 18th and 19th October 2019 Prof. Ramesh R. Resource person for the workshop on “Software Engineering & Design Patterns” on 25th & 26th October 2019 Prof. Deepika M P Dr. Manish T I Promoted as Professor and Dean PhD program. Selected as KTU External Auditor and attended one day KTU external audit Workshop on 17th October 2019. Prof. Ierin Babu Selected as KTU External Auditor and attended one day KTU external audit Workshop on 17th October 2019. Prof. Sankara Nayaki K Proctored 35 teams for Global IEEE Xtreme 13.0 coding contest held at ASIET, Kalady on 19th October 2019. Prof. Ajay Basil Varghese Published a paper on AI-based care given for Dementia Patients, IRJCS, Mendeley (Elsevier Indexed), Index copernicus (ICV: 2016) 88.80, International Research journal of Computer Science (IRJCS), ISSN:2393-9842, issue 09, Volume 6 Prof. Gokila Vani M Published a paper on AI-based care given for Dementia Patients, IRJCS, Mendeley (Elsevier Indexed), Index copernicus (ICV: 2016) 88.80, International Research journal of Computer Science (IRJCS), ISSN:2393-9842, issue 09, Volume 6 Published a paper on “A Study of Medical Image processing & Segmentation methods for Medical Image Analysis” IJRAE: Mendeley (Elsevier Indexed) , Indexcopernicus : (ICV 2016) 88.80, INTERNATIONAL JOURNAL OF INNOVATIVE RESAERCH IN ADVANCED ENGINEERING, Vol 6., Issue 10. October 2019. September 2019 Prof. Ajay Basil Varghese Invited for a talk on starting a start up at sree Sankara College, organised by entrepreneurship development club, SSC. Invited as a resource person for the seminar on entrepreneurship organised by Kerala Start up mission at Ilahia College of Engineering & Technology. Prof. Sankara Nayaki K Have succeeded in gaining CET master trainer qualification which is compatible with National Skills Qualifications Framework(NSQF) August 2019. Prof. Ierin Babu Published a paper titled “Machine learning Approached used for prediction in Diverse fields” International journal for recent technology and engineering (IJRTE) (Unpaid journal) ISSN:2277-3878, volume 8 issue 284 Prof. Ajay Basil Varghese Invited by Kerala Startup Mission for hosting IEDC Precursor event 2019 and delivered a session on Accelerating IEDC to TBIC at Kerala Technology Innovation Zone Cochin - Mentored startup company MACHBEE incubated at AdiShankara B'Hub which got selected for the 1Cr Seed Funding support for their product Smart Cooking Stove from IIITH - Invited as a resource person for the seminar on Entrepreneurship organized by Kerala Startup Mission at Ilahia College of Engineering & Technology Prof. Ramesh R Handling Add-on Course on R- Programming for MBA Students. This Course is curated in association with ICT Academy Kerala. About 100 students from MBA are participated in the same. Prof. Sankara Nayaki K July 2019 Prof. Ajay Basil Varghese Selected as the managing committee member in Creative Angels Network guided by Kerala StartUp Mission on 01.07.2019. The core mission is to attract more angel investors to the startup ecosystem. Resource person at IGNITE'19 (Career Guidance Program) organized by CML Mookkannoor on 29.06.2019. Dr. Manish T. I. Developed workshop video on ImageJ Tool as a part of content creation in Multimedia & Research Lab and uploaded the same to youtube. Prof. Gokilavani M Prof. Deepika M P Posted as the IQAC Head for the Academic Year 2019 - 2020. Prof. Ramesh R Paper titled “Design of a Navigation App with AR And VR Features” published in STM Journals-Journal of Mechtronics and Automation Prof. Joseph George Prof. Ajay Basil Varghese Prof. Ramesh R Paper titled “Real-Time Vehicular Traffic Analysis using Big Data Processing and IoT based Devices for Future Policy Predictions in Smart Transportation” (Paper ID: ICCES 425)” has been accepted for oral presentation at the Scopus-Indexed IEEE ICCES 2019 conference. Prof. Divya G Dr. M A Dorairangaswamy Prof. Unnikrishnan K N

Prof. Ramesh R Paper titled "Offline Mobile Application for Train Time Prediction" (Paper ID: ICCES 373) has been accepted for oral presentation at the Scopus-Indexed IEEE ICCES 2019 conference. Prof. Divya G Prof. Rosemary Varghese Prof. Anaswara Jayan Prof. Sonam V Maju Prof. Ramesh R Paper titled "MEDICINE DELIVERY APP: HEALTHCARE TRANSFORMATION THROUGH TECHNOLOGY" published in International Journal of Current Engineering And Scientific Research (IJCESR), Volume-6, Issue-6, ISSN (Online): 2394-0697, ISSN (Print): 2393-8374, DOI:10.21276/ijcesr. Prof. Ajay Basil Varghese Prof. Anaswara Jayan Prof. Joseph George Prof. Ramesh R Paper titled "Innovations in Instant Messaging Apps" in International Journal of Current Engineering And Scientific Research (IJCESR), Volume-6, Issue-6, ISSN (Online): 2394-0697, ISSN (Print): 23938374, DOI:10.21276/ijcesr. Dr. Manish T I Prof. Sonam V Maju Prof. Neetha K Nataraj Prof. Anaswara Jayan Prof. Anaswara Jayan Paper titled "DESIGN OF HOME AUTOMATION HUB CONTROLLER" accepted in International Journal of Scientific & Engineering Research (IJSER), ISSN 2229-5518, June 15, 2019. Prof. Ramesh R Prof. Divya G Prof. Joseph George Prof. Sankara Nayaki K, Paper titled "USING CONSTRAINED LDA FOR TREND ANALYSIS AND PREDICTION OF DYNAMICS IN SOCIAL NETWORKS" accepted for Publication in Journal of Communication and Media Studies (IJCMS), SSN (Print): 2250-0014; ISSN (Online): Applied; Impact Factor (JCC): 2.8058; NAAS Rating: 2.52; IBI Factor: 3.2 (UGC Approved Journal) June 2019 Prof. Joseph George MEDICINE DELIVERY APP: HEALTHCARE TRANSFORMATION THROUGH TECHNOLOGY", IJCESR-JUNE-V6I6-007. Prof. Sankara Nayaki K Certified Blockchain Associate - certified by Hyperledger Community and Kerala Blockchain Academy on 08.06.2019. - Participated in One week Workshop on Artificial Intelligence for All by Indian Institute of Information Technology - Design & Manufacturing, Kancheepuram from 17.06.2019 - 21.06.2019. Prof. Ajay Basil Varghese One among the Judges in IDEA FEST 2019 Finals - the largest Project Funding Competition, conducted by Kerala Startup Mission on June 25th 2019 Prof. Ajay Basil Varghese Best Mentors - APJ Abdul Kalam Innovation Challenge ASIET - 2019 Prof. Joseph George Prof. Teena George May 2019 Prof. M. Gokilavani A Review: IoT and Cloud Computing for Future Internet" International Research Journal of Engineering and Technology, Volume 6, Issue 5, May 2019, S. NO: 219. Prof. Unnikrishnan KN Prof. M Gokilavani " RECENT SURVEY ON IOT APPLICATION: SMART AGRICULTURE", International Journal of Innovative Research in Advanced Engineering, ISSN: 2349-2163, Issue 05, Volume 6, May 2019. Prof. M. Gokilavani " A STUDY ON IOT ARCHITECTURE FOR IOT APPLICATION DOMAINS", International Journal of Innovative Research in Information Security (IJIRIS) ISSN: 2349-7017, Issue 04, Volume 6, May 2019. Prof. Unnikrishnan K N Prof. Sunder. V Prof. Ajay Basil Varghese April 2019 Prof. Gokilavani M "A SURVEY ON IOT MEDICARE APPLICATION: ISSUES AND CHALLENGES", International Research Journal of Computer Science (IRJCS) ISSN: 2393-9842, Issue 04, Volume 6, April 2019. Dr. M A Dorairangaswamy Prof. Gripsy Paul Dr. Manish T I Selected as the Editor-in-Chief for the journal JNIS with effect from 23rd April 2019. Received Funding Approval (1.8L) from KTU for conducting Workshop on Recent Industry practices in Software Project Management and Testing. Prof. Deepika M P Received Funding Approval (1.8L) from KTU for conducting Workshop on Recent Industry practices in Software Project Management and Testing. Prof. Ajay Basil Varghese Invited as a Resource person in ENTRESSO 2K19 Entrepreneurs Meet And Intercollegiate Project Exhibition organised in association with IIC (MHRD Govt Of India) and Kerala Startup Mission at KMEA College Of Engineering, Edathala. March 2019 Prof. Ajay Basil Varghese Chaired a session on "Idea Is Money" judged the student ideas in connection with OTLET organized by Ilahia College of Engineering on 22.03.2019. Resource person for Congreso De Emrendimiento 2019 at College of Engineering Adoor on 19.03.2019 Delivered a session on "Idea to product" in the south zone camp of ELECTRA 2019 organized by NSS technical cell College of Engineering Chengannur on 16.03.2019 Invited as a resource person and judge at TECHNOYA'19, state wide idea and project competition fest for polytechnic students held at Govt. Polytechnic College, Palakkad on 15.03.2019 Prof. Sankara Nayaki K Wrote a Book Chapter on Big Data Analytics - Volume 2 of Data Mining written by Dr. Sudheep Elayidom. Prof. Ramesh R Presented a paper on "Leveraging Big Data Analytics Frameworks for Computational Epidemiology" in an International Conference on Intelligent Computing and Signal Processing (IntelliSig 2019) held at Central University of Kerala, Kasargod, India during 08.03.2019-09.03.2019. Published a paper on "Leveraging Big Data Analytics Frameworks for Computational Epidemiology

[Chapter-31]" in Narosa Publishing House Pvt. Ltd, New Delhi in the March 2019 edition February 2019 Dr. Manish T I Secured funding from KSCSTE for the National Science Day Celebration 2019. January 2018 Prof. Basil Sunny Resource person for the Workshop on Djangoopen source web framework in Python organized by International Centre for free and open source software jointly with swanthra, Mozilla SJCT and startup Boot camp SJCT-IEDC. December 2017 Dr. M.A. Dorairangaswamy Honoured as the Chief Guest of the conference on SELF GOVERNANCE FOR GOOD GOVERNANCE on 17th December 2017 at rajayoga Bhavan, Nedumbassery, Kochi. Prof. Basil C. Sunny Successfully completed "Using Python to access Web Data", an online non credit course authorized by University of Michigan via Coursera. November 2017 Prof. Ajay Basil Varghese Received certificate of excellence as the Chief Coordinator of APJ Abdul Kalam Innovation Challenge 2017 from our Managing trustee Adv. K. Anand on 4th November 2017. Bagged certificate of appreciation from KSEB Engineers' Association for activity mentoring our students for Dr. APJ Abdul Kalam Energy Quiz 2017. Prof. Simi M S Received B.S. Krishnan Endowment award, being topper in M-Tech Computer Science and Engineering 2015-17 Batch. Prof. Deepika M P Published a paper entitled "Visual cryptography scheme using Gray code and XOR operation" International Journal of Current Engineering and Scientific Research (IJCESR). ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-4, ISSUE-9, 2017 (pp. 50-58). October 2017 Dr. M.A. Dorairangaswamy Received teaching and research excellence award by IRDP group of journals for the outstanding excellence and remarkable achievements in the field of teaching, research and publication on 14th October 2017 at Chennai. Received Dr. A P J Abdul Kalam award for life time contribution in teaching by Marina Labs - R & D on 21st October 2017 at Chennai. Dr. Murali P Presented paper in IEEE conference at San Jose, California, USA. The paper described an analytical technique to predict incidence of female infertility, along with likely causes, in women. Prof. Simi M S Prof. Sankara Nayaki K August 2017 Prof. Ierin Babu Published a paper entitled "A New Approach for Information Mining of Item sets Using Utility and Frequency Methods" 7th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017) at Mahatma Chamber of Commerce Industries & Agriculture, Senapati Bapat Road, Pune, Maharashtra (India) ,ISBN: 978-81- 934288-2- 5.on 27th August 2017 June 2017 Prof. Ierin Babu Published a paper entitled "A Survey on Role of Graph Theory in Various Approaches" Journal of Computer and Mathematical Sciences, Vol.8(6), 261-268 June 2017 ISSN 0976-5727 (Print). Prof. Ierin Babu Published a paper entitled "An efficient approach for item set mining using both utility and frequency based methods" International Journal of Applied Engineering Research (IJAER), ISSN:0973 4562, SNIP- 0.260. May 2017 Prof. Ramesh. R Published a paper entitled, "Integrated Statistical Approach for Smart City in India using IOT, A Case Study", IJCESR, Volume 4 Issue 5 (May 2017). Dr. Murali P Prof. Divya G Dr. M A Dorairangaswamy Completed with Elite certification on educational Leadership authorized by IIT Kharagpur, offered through NPTEL funded by the ministry of HRD, Govt. of India. Prof. Sobha T. Completed Fundamentals of Digital Image and Video Processing course authorized by Northwestern University, offered through Coursera. Dr. Manish T I Completed with Elite certification on programming, Data Structures and Algorithm using Python authorized by IITK, offered through NPTEL funded by the ministry of HRD, Govt. of India Prof. Simi M S Completed with Elite certification on the Introduction to R software authorized by IITK, offered through NPTEL funded by the ministry of HRD, Govt. of India. Prof. Sameera K M Completed with Elite certification on Programming in C++ authorized by IIT Kharagpur, offered through NPTEL funded by the ministry of HRD, Govt. of India. Mr Sumesh S. Menon Completed with Elite certification on Cloud Computing authorized by IIT Kharagpur, offered through NPTEL funded by the ministry of HRD, Govt. of India. Prof. Ierin Babu Silver Partner Faculty under Inspire-Infosys Campus Connect Prof. Joseph George Prof. Neetha K. Nataraj Prof. Sameea K. M. Prof. Teena George Prof. Vidya Gopinath Prof. Raghi R Menon Prof. Sankara Nayaki, K Have secured Bronze Partner Faculty under Inspire-Infosys Campus Connect Prof. Divya D Prof. Sheena K. V Prof. Gripsy Paul M Prof. Divya K. S.

Department Newsletter

SAKSHIN 2024

June

May

April

March

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January

SAKSHIN 2023

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SAKSHIN 2022

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SAKSHIN 2021

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March

Gallery

Best Outgoing Students

ATAL FDP

Group photo of 2024 batch

Graduation ceremony, Samavarthana 24

Students Completed NPTEL Course

Tech Talk on AI & DS

Research Networking Seminar

Placement - 2024

Results

Group Photo 2023

Full Stack Development Course

Placement - 2023

ATAL FDP on Blockchain

Google Faculty Training

IoT Research Lab in collaboration with ICFOSS

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

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Established in 2020, the Department of Computer Science and Engineering- Artificial Intelligence provides a graduate program endorsed by the All India Council for Technical Education (AICTE) and affiliated with APJ Abdul Kalam Technological University (KTU). This department features cutting-edge infrastructure and a dedicated team of highly qualified and seasoned faculty members.

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problemsolving. Artificial intelligence (AI) is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing (NLP), and speech recognition and machine vision

Why a Program in Artificial Intelligence

Artificial intelligence is the science that studies and develops methods of making computers more /intelligent/. The focus of this course is on AI fundamental, AI techniques for knowledge representation, search, reasoning, learning and designing intelligent agents. The primary objective of this course is to introduce the basic principles, techniques, and applications of Artificial Intelligence. Become familiar with basic principles of AI toward problem solving, inference, perception, knowledge representation, and learning. It can be scattered in the area of : 1. To have an understanding of the basic issues of knowledge representation and blind and heuristic search, as well as an understanding of other topics such as mini-max, resolution, etc. that play an important role in AI programs. 2. To have a basic proficiency in a traditional AI language including an ability to write simple to intermediate programs and an ability to understand code written in that language. 3. To have a basic understanding of some of the more advanced topics of AI such as learning, natural language processing, agents and robotics, expert systems, and planning. 4. To enable computers to perform an intellectual task as decision making, problem solving, perception, understanding human communication (in any language, and translate among them).

Currently, we offer the following programs:

B.Tech in Computer Science & Engineering (Artificial Intelligence) with a current intake of 60 students.

Scope and Future of Artificial Intelligence

It is a branch of the Computer Science that aims to develop intelligent computer machines. Scope of Artificial Intelligence: The ultimate effort is to make computer programs that can solve problems and achieve goals in the world, as well as humans. Artificial intelligence forms the basis for all computer learning and is the future of all complex decision making. The future of AI involves advanced cognitive (to read minds of others) systems capable of doing what machine learning systems can't. They will intelligently and fluently interact with human experts, providing them with articulate explanations and answers, even at the edge of the network or in robotic devices. Artificial Intelligence and Machine Learning are products of both science and myth. The idea that machines could think and perform tasks just as humans do is thousands of years old. The cognitive truths expressed in AI and Machine Learning systems .

Now a days various companies are migrating to AI based solutions to improve the productivity. While using AI based solution , it has been found that there is considerable amount of avoidance of confusions in the production environment.

The employment opportunities in the field of Artificial Intelligence includes

AI Designer Tool Development

Innovative Product design tool box development.

Development of Migration tools / environment.

AI Technology consultant

AI Technology Architect

AI base game developer And many more..

AI in real and future life

Once a consumer becomes a customer, AI can help future servicing interactions with emotion detection and emergent responses to the mood of the customer (damage control in some situations, upsell in other cases). Most of us are all trying to become better people and even better citizens. Most of us are all trying to become better people and even better citizens. AI can also play a role in helping us in everyday lives. In the case of multi-cultural interactions, AI can help us with language translation and to avoid subtle cultural missteps. Artificial intelligence (AI) at the forefront in changing the world and the way we live. This means that with AI, many of our everyday activities can now be carried out effectively by programmed machine technology.

Vision

To be in the frontier of AI technology through quality of education, collaborative research and produce globally competitive, industry ready engineers with social commitment.

Mission

Achieve excellence in the educational experience, fostering collaborative research through state-of-the-art infrastructure and innovative elements.

Establish industry collaboration to address interdisciplinary challenges across diverse applications.

Inspire students to develop into ethical, Innovative and entrepreneurial leaders through a socially-centered program

NEWS

Signed MoU with MATH, Talentfarm, and T-Hub Hyderabad

May

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S7 Result

Apr

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Department Advisory Board

The Department of Computer Science and Engineering (Artificial Intelligence) offers

B.Tech. in Computer Science & Engineering(Artificial Intelligence)

National and International Student Chapters

Program Specific Outcomes (PSO)

Within 3 to 5 years of graduation, our graduates are expected to:

PS01 :

Achieve success in their professional careers as data scientists, data modelers, data architects, infrastructure engineers, business intelligence developers, enterprise architects, and software developers, demonstrating strong technical and managerial skills in artificial intelligence and data science.

PS02 :

Pursue higher studies at prestigious institutes in India and abroad, contributing significantly to educational institutions, research organizations, and renowned software industries, while also emerging as successful entrepreneurs.

PS03 :

Collaborate effectively in multidisciplinary teams, and become leaders in their organizations, professions, and society at large.

Programme Outcome (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, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. 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.

P04. 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.

P05. 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.

P06. 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.

P07. 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.

P08. Ethics :

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. Individual and team work :

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. 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.

P011. 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.

P012. Life-long learning :

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

P V Rajaraman

Associate Professor & HOD

Asha Rose Thomas

Assistant Professor (Pursuing PhD)

Dr. Sarika S

Associate Professor

Sabitha M G

Assistant Professor

Revathy Prasannan

Assistant Professor

Siji Jose Pulluparambil

Assistant Professor (Pursuing Ph.D)

Gayathri Dili

Assistant Professor

Remya Raveendran

Assistant Professor

Dr. Amrutha Muralidharan Nair

Assistant Professor

Dr. Binju Saju

Assistant Professor

Deepa P

System Administrator

Faculty Details

2022-2023 2021-2022 2020-2021

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Application Development Lab

Network Programming Lab

Programming Language Lab

System Internals Lab

Seminar Hall

Data Analytics & Research Lab

Multimedia and Research Lab

Bio-Informatics & Research Lab

Will updated soon

Month Activities Planned Brief Description About the Activity 03.07.2024
Extension Program on "Foundations of AI" for Higher Secondary Teachers The
"Extension Program on 'Foundations of AI" aimed to equip educators with a
comprehensive understanding of artificial intelligence (AI) concepts, tools, and
applications. This program enhanced their ability to integrate AI into the

curriculum, foster critical thinking and problem-solving skills among students, and prepare them for the evolving technological landscape. By the end of the program, teachers became proficient in the basics of AI, including Machine Learning Models and NLP.

Month & Year Student Achievement January 2024 Dhikra Nazar and Joan Teresa Jose of S5 CSE AI and Amal Mathew of S5 CSE Amal Mathew from 5th semester CSE, Dhikra Nazar, and Joan Teresa Jose from 5th semester CS(AI), has secured a prestigious prize money of Rs.50,000 for their exceptional project titled "Handwriting Plotter." The competition, which attracted entries from various institutions, recognized the uniqueness and innovation demonstrated by the ASIET team. March 2023 Rahul Mohan, Adithyan AJ, Aswin Deleep, and Sidharth J of S6 CSE- AI Overall Champions of ZESTNOVA tech fest Sooraj K Tony, Harikrishnan P, Biyas Muhammed, Sooryakiran V of S6 CSE- AI Jam Favourite February 2023 Aaron P Laju of S6 CSE- AI Successfully completed a MOOC on "Introduction to TensorFlow for AI, ML, and DL" provided by Coursera and DeepLearning.AI Rahul Mohan of S6 CSE- AI Completed a course on Google Data Analytics Profesional by Course-era. He has also achieved certificate on completing Gouri A S6 CSE - AI Has been selected by the APJAKTU NSS CELL to participate in the upcoming National Integration Camp Alyn George of S4 CSE - AI Won the "Cassa Creatio" competition organized by the Indian Geological Society July 2022 Amrutha Das S4 CSE - AI Ambassador for IEEEExtreme 16.0 January 2022 Sooryakiran V of S3 CSE AI Completed two months internship provided by One Stop Pvt.Ltd on 'Cyber Security'. Rincy Pereira, Rosemary Jose and Megha Baiju of S3 CSE AI Participated in the IEEE ELOQUOR, IEEE SSEP -Video Editing competition Novmber 2021 Anju M Kammath S3 CSE - AI Participated in the district level declamation contest and is now selected for the state level competition. October 2021 Malu Mohan and Gayathri Devi C G of S2 CSE - AI Attended "Cancer Awareness" webinar conducted by NSS unit, ASIET Rincy Pereira of S2 CSE - AI Secured second prize in group dance and 3rd in single dance in 'LAYAM 2021', conducted by ASIET

Month Faculty Name Achievement April 2024 Amrutha Muralidharan Nair In recognition of her contribution towards research, Ms. Amrutha Muralidharan Nair is bestowed with the award of "Best Woman Researcher Award" by REST Labs & REST Society for Research International, Tamil Nadu on 27th April 2024

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Established in 2023, the Department of Computer Science and Engineering- Data Science provides a graduate program endorsed by the All India Council for Technical Education (AICTE) and affiliated with APJ Abdul Kalam Technological University (KTU). This department boasts modern infrastructure and a committed team of well-qualified and experienced faculty members.

Currently, we offer the following programs:

B.Tech Computer Science & Engineering (Data Science) with a current intake of 30 students.

In today's digital age, data has become the cornerstone of decision-making across industries. A program in Data Science equips you with the skills and knowledge necessary to navigate and harness the power of this vast sea of information. Here are some reasons why pursuing a program in Data Science could be a game-changer for your career:

1. **High Demand:** Businesses worldwide are increasingly reliant on data-driven insights to stay competitive. As a result, there is a significant demand for professionals who can analyze, interpret, and derive actionable insights from data.
2. **Lucrative Career Opportunities:** Data Scientists are among the most sought-after professionals in the job market, commanding competitive salaries and enjoying a wide range of career opportunities across various sectors, including finance, healthcare, technology, and more.
3. **Innovation and Problem-Solving:** Data Science is at the forefront of innovation, driving breakthroughs in areas such as machine learning, artificial intelligence, and predictive analytics. By mastering the tools and techniques of Data Science, you'll be at the forefront of solving complex problems and driving transformative change.
4. **Versatility:** A program in Data Science provides you with a versatile skill set that is applicable across industries. Whether you're interested in business analytics, healthcare informatics, or cybersecurity, the principles of Data Science can be applied to address diverse challenges and opportunities.

Scope and Future of Data Science

The field of Data Science is evolving rapidly, driven by advancements in technology, increasing data availability, and changing business needs. Here's a glimpse into the scope and future of Data Science:

1. **Explosive Growth:** With the proliferation of data-generating devices and platforms, the volume of data being generated is growing exponentially. This creates vast opportunities for Data Scientists to extract valuable insights and drive innovation.
2. **Integration with AI and Machine Learning:** Data Science is closely intertwined with artificial intelligence (AI) and machine learning (ML). As organizations strive to leverage AI to automate processes and make data-driven decisions in real-time, the demand for skilled Data Scientists is expected to soar.
3. **Industry Disruption:** Data Science has the potential to disrupt traditional business models across industries. From personalized marketing and predictive maintenance to precision medicine and autonomous vehicles, Data Science is reshaping the way organizations operate and compete.
4. **Ethical Considerations:** As the use of data becomes more pervasive, ethical considerations around privacy, bias, and transparency are gaining prominence. Data Scientists play a crucial role in ensuring that data-driven decision-making is ethical, fair, and responsible.

Employment Opportunities in Artificial Intelligence

The field of Artificial Intelligence offers a diverse array of job opportunities for professionals with expertise in Data Science. Some of the roles in this dynamic field include:

1. **Machine Learning Engineer**

2. Data Scientist
3. AI Research Scientist
4. AI Ethics Analyst
5. Natural Language Processing (NLP) Engineer
6. Computer Vision Engineer
7. Robotics Engineer
8. Deep Learning Engineer
9. AI Product Manager
10. AI Consultant

These roles span various industries, including technology, healthcare, finance, e-commerce, and more, offering ample opportunities for career growth and advancement.

Join us on this transformative journey and unlock your potential in the exciting world of Data Science!

Vision

Empowering individuals with the skills and knowledge needed to thrive in the rapidly evolving field of Data Science.

Providing cutting-edge education, fostering innovation, and preparing our students to become leaders and change-makers in the digital age.

Mission

Cultivating a dynamic learning environment that combines academic rigor with real-world applications

Equipping our students with the practical skills, analytical mindset, and ethical foundation necessary to tackle complex challenges and drive positive impact through data-driven decision-making

Department Advisory Board

National and International Student Chapters

Program Specific Outcomes (PSO)

Will be updated soon...

Programme Outcome (PO)

Will be updated soon...

P V Rajaraman

Associate Professor & HOD

Asha Rose Thomas

Assistant Professor (Pursuing PhD)

Sabitha M G

Assistant Professor

Dr. Sarika S

Associate Professor

Revathy Prasannan

Assistant Professor

Dr. Binju Saju

Assistant Professor

Gayathri Dili

Assistant Professor

Remya Raveendran

Assistant Professor

Dr. Amrutha Muralidharan Nair

Assistant Professor

Siji Jose Pulluparambil

Assistant Professor (Pursuing Ph.D)

Deepa P

System Administrator

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Network Programming Lab

Programming Language Lab

System Internals Lab

Seminar Hall

Multimedia & Research Lab

Bio-Informatics & Research Lab

Data Analytics & Research Lab

Will be updated soon...

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The ASIET Master of Computer Applications (MCA) program teaches students research and innovation skills. Students are immersed in cutting-edge technology and taught a transdisciplinary, application-oriented approach to tackling real-world challenges. The Department of Computer Application has a diverse group of motivated researchers in emerging fields like Artificial Intelligence (AI), Machine Learning (ML), Deep Learning, Internet of Things (IoT) and smart systems, Image Processing, Augmented Reality/Virtual Reality, Big Data Analytics, Network Security, Mobile Ad Hoc Networks, Distributed Algorithms, Nature-Inspired Algorithms, and Processor & Architecture Study. Three well-equipped research labs—Multimedia, Data Analytics, and Bioinformatics—serve student research needs. These labs let students solve societal issues in real time. The MCA department is built on highly trained teachers who are research and innovation-oriented. They mentor students to take more courses to gain industry-ready skills. Students can practice their practical skills in well-equipped labs. ASIET instructors and facilities strive to offer students the finest placement chances. Research labs also encourage students to pursue further education and participate in R&D.

Vision

Nurturing globally competent computing professionals with innovation, Research, entrepreneurship skills and social commitment.

Mission

Quality education with industry collaboration and excellence in teaching learning process

Provide cogent academic environment for research , innovation and entrepreneurship

Inculcating socially committed professionals for the development of society

Department Advisory Board

Will be updaed soon

The Department of Computer Applications offers

Master of Computer Application

National and International Student Chapters

Computer Society of India

IEEE Computer Society

Computer Society of India

Program Specific Outcomes (PSO)

PSO1: Upon completing this program, graduates will possess the ability to apply computing techniques and software technological in one or more core application areas such as full stack development and bigdata analysis.

PSO2: Upon completion of this program, graduates will possess enhanced ability in the current trends in industry and research while maintaining a commitment to ethical -and social values.

Programme Outcome (PO)

Computer Application Graduates will be able to:

- P01. Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.
- P02. Problem Analysis: Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.
- P03. Design /Development of Solutions: Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- P04. Conduct Investigations of Complex Computing 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.
- P05. Modern Tool Usage: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.
- P06. Professional Ethics: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.
- P07. Life-long Learning: Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.
- P08. Project Management and Finance: Demonstrate knowledge and understanding of the computing 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.
- P09. Communication Efficacy: Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.
- P010. Societal and Environmental Concern: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.
- P011. Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.
- P012. Innovation and Entrepreneurship: Identify a timely opportunity and use innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

The professors in the MCA department are dedicated professionals with extensive experience in academia, research, and industry. They hold degrees from prestigious institutions. We provide both faculty members and students access to an outstanding learning environment that fosters productivity and innovation.

Dr.S.Srikrishnan

Head of the Department

Dr. Hari Narayanan A G

Associate Professor

Dr. Vincy Devi V K

Assistant Professor

Dr. Sneha Prakash

Assistant Professor

Anjali Sankar

Assistant Professor

Rintu Augustine

Assistant Professor

Sumathy M V

Lab Instructor

Faculty Details

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Facilities

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Multimedia & Research Lab

Bio-Informatics & Research Lab

Data Analytics & Research Lab

Research initiatives of the Department are pioneering in disciplines such as data mining, image processing, data science, artificial intelligence, and cybersecurity. In order to remain current with technological advancements, the laboratories of the department are furnished with state-of-the-art apparatus that has applications across various industries. Our MCA students initiate their research endeavours in the initial semester, guided by their individual interests, thus elevating the standards of research.

9 students from MCA 2023-'24 Batch has successfully completed NPTEL MOOC Course offered by IIT Madras

Dr Sneha Prakash successfully completed NPTEL MOOC Course offered by IIT Madras

Two of our faculty members (Dr.Hari Narayanan A G and Dr Sneha Prakash) served as the reviewer in ICCIDT2K24 Scopus conference hosted by Mangalam College of Engineering, Kottayam

Two of our faculty (Dr. Srikrishnan Sundararajan and Dr.Hari Narayanan A G) members published total 5 papers on which 3 papers in Scopus indexed journal and

2 in IEEE conference.

Two of our faculty members (Dr Sneha Prakash and Dr Vincy Devi V K) submitted and got acceptance for papers in IEEE conference.

Two of our faculty members (Dr Sneha Prakash and Dr Vincy Devi V K) completed workshop on Automate EC2 with CloudWatch Monitoring offered by NPTEL IIT Madras

Three of our Faculty members (Dr.Hari Narayanan A G,Dr Sneha Prakash and Dr Vincy Devi V K)have participated in Twelve Days Faculty Development Programme on Developing Human Potentials in Emerging Technologies in Computer Science organized by School of Computer Science, Kongunadu Arts and Science College (Autonomous)

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Aitareya - MCA Students Association

MCA Inauguration

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The Electronics and Communication Engineering (ECE) Department is one of the oldest of the departments of the institute and was established in 2001.

The initial journey was concentrated towards setting up the UG program (B. Tech. in Electronics and Communication Engineering) followed by M. Tech Programs in two specializations (M. Tech. in VLSI and Embedded Systems and M. Tech. in Communication Engineering).

The B. Tech and M. Tech students are admitted under APJ Abdul Kalam Technological University, Thiruvananthapuram, Kerala.

Our institute is an approved research center of APJ Abdul Kalam Technological University and the ECE department offers Ph.D. programs in different frontier areas of research. The Department excels in External Funded Research and Industry driven consultancy projects. It is actively involved in organizing conferences, short courses, workshops, and seminars for practicing engineers and also in curriculum development activities.

The journey, so far, has been the result of hard work put in by the faculty, the staff, and the students with the support of the Institute level administration.

The Department is well-equipped with laboratories i.e. Digital IC lab, Communication Lab, Electronic circuits Lab, Systems Lab, Project Lab, and Simulation lab which cater to program needs. Adequate numbers of computers with the required software are available and along with the Central Internet Lab, the Department has internet access on a few other computer terminals. The Department has a highly competent and devoted faculty with vast teaching and industrial experience, qualified from highly reputed institutions.

An excellent academic environment is available for creative and productive work both for faculty as well as students.

Department Highlights

UG Program

B.Tech Electronics & Communication Engineering (Started in 2001) with a current Intake of 90 students.

PG Program

M.Tech VLSI and Embedded Systems (Started in the year 2012) with a current

Intake of 18 students.

M.Tech Communication Engineering (Started in the year 2013) with a current Intake of 18 students.

Ph.D Program

The Department provides a Ph.D Program designed to foster research and innovation in Electronics and allied fields.

NBA ACCREDITATION STATUS

March 2018 - June 2021 (Ref - F.No.26-56-2016-NBA, Dt : 29/03/2018)

Extension (1 Year) (Ref - F.No.26-56-2016-NBA, Dt : 02/07/2021)

Reaccreditation till 30.06.2025 (Ref - F.No.26-56-2016-NBA, Dt : 26/08/2022)

Approved Research Centre - APJ Abdul Kalam Technological University

Approved Ph.D. Guides/Supervisors : 3 (Ac. Yr : 2021-22)

No of Research Scholars : 13 (Part Time)

No. of Ph.Ds Awarded : 1

Dedicated Research Laboratories ARISE Lab Internet of Things (IoT) lab (Texas Instruments, India supported) Advanced Communication Lab (MODROBS Funded)

Annual International Conference - ACCESS

(Advances in Computing, Communication, Embedded and Secure Systems)

ACCESS '20 ACCESS '21 ACCESS '23

Functional MoU with Industries - 7

9 PATENTS Published

AICTE grant of 18.17 Lakhs - MODROBS for Communication lab

Sponsored Projects and Consultancy Works of about 30 lakhs (Last 3 Years)

Funding Agencies - AICTE, APJAKTU CERD, KSCSTE, IEI, KSUM

300+ NPTEL/Coursera - MOOC

Best Project Awards.

Best NSS Volunteer Awards (State level - KTU)

2021 -- Lakshmi Nandana N R (2018 - 2022 Batch)

2020 -- M Gowri (2016 - 2020 Batch)

DEPT. WEBSITE - ([Click here to know more](#))

Department Brochure (1) Department Brochure (2)

Vision

To be recognized at the national and international level for excellence in Education and Research in Electronics and Communication Engineering.

Mission

Inculcating leadership qualities, adaptability, and ethical values.

Imparting quality education in the field of electronics, communication, and related areas to meet the challenges in the industry, academia, and research.

Nurture the growth of each individual by providing a dynamic and conducive learning environment.

NEWS

Access-23

May

18

Access'23: International Conference

ACCESS'21

Sep

02

Access'21: 2nd International Conference

International Conference'21

May

26

Department of ECE, ASIET organises 2nd International Conference : Advances in Computing, Communication, Embedded and Secure Systems: ACCESS'21 from May 26th-28th 2021. This conference is technically sponsored by IEEE Kerala section.

Webinar_My story session

Nov

20

Webinar_My story session

Webinar-critical thinking

Nov

13

Webinar

Webinar_Web security

Nov

08

Webinar_ Web security in the modern age: Know -How

5 days AICTE ATAL sponsored Faculty Development Program

Sep

07

5 days AICTE ATAL sponsored Faculty Development Program

Webinar_Embedded Product Design

Aug

23

Webinar_Embedded Product Design

Webinar- IoT, Smart devices &Automation

Aug

21

Webinar- IoT, Smart devices &Automation

Online Course_ Geogebra

Aug

10

Online Course_ Geogebra

Online course_ Computer Programming for Robotics

Aug

10

Online course_ Computer Programming for Robotics

webinar-"Challenges in industry jobs on the verge of 4th industrial revolution"

Aug

07

webinar-"Challenges in industry jobs on the verge of 4th industrial revolution"

Webinar-"Machine Learning in Healthcare and Agriculture

Aug

06

Webinar-"Machine Learning in Healthcare and Agriculture

Webinar- "

Aug

05

Webinar- "

2 - Day Online FDP/STTP

Jul

31

2 - Day Online FDP/STTP on "Introduction to Machine Learning using Python"

Webinar- Career prospects for Electronics Engineers in India

Jul

17

Webinar- Career prospects for Electronics Engineers in India

Webinar- BOT: A NEW INTERFACE

Jul

13

Webinar- on "BOT: A NEW INTERFACE"

Webinar- Introduction to Artificial Intelligence

Jul

12

Webinar- Introduction to Artificial Intelligence

Webinar- Career opportunities in Robotics

Jul

11

Webinar on "Career opportunities in Robotics"

Alumni Talk Series

Jun

28

Engineer's voyage to Indian Navy

Admission 2020

Jun

13

Admission Open

Webinar

Jun

13

"The Art of entrepreneurship: Turning dreams into ideas"

ECE Admission 2020

Jun

11

ECE Admission 2020

Online "C"_ training _ placement

Jun

06

Online training programme

Online Placement training

Jun

06

Weekly online placement training on core subjects, aptitude and programming

International Conference - ACCESS '20

May

28

International Conference- Advances in Computing ,Communication, Embedded and Secure Systems

International Conference

May

28

International Conference- Advances in Computing ,Communication, Embedded and Secure Systems - ACCESS'20

ACCESS'20

May

28

International Conference ACCESS'20

workshop on NI LabView

Feb

09

Workshop for 2016 - 2020 Batch

App Development workshop

Jan

28

App Development workshop using Flutter

What Our Students Say

Lieutenant Sreerang Prakash

Indian Navy

"You can build a strong building only on a strong foundation" and this is being ensured by the faculty of E. C Department that their students are strong in their basic knowledge. Traditional learning methods are replaced by interactive classroom sessions by highly qualified and experienced faculty which will bring the best out of you. The M. O. U with Indian Navy is one of the greatest achievements which will help Armed Force aspirants to join as technical officers. Joining EC department is as much as about finding out who you really are as it is about getting that degree.

Sarath V (Apple Inc, California , USA)

Software Engineer

Here, the teachers provide a friendly atmosphere to the students. The department provides an innovative culture to the students which enables us to bring more innovative projects. The teachers are very motivational. The department also encourage social activities.

Reshmi G Bhatt

Indian Air Force -flying officer

Reshmi completed her flying officer course under Indian Air Force ; becoming the first Malayali flying officer..... 2011-2015 ECE Passout

Department Advisory Board

Ragesh GK

Assistant professor IIIT kotayam

Dr. Prameela B

Sr. Staff Engineer Silizium Circuits pvt Ltd

The Department of Electronics & Communication Engineering offers

B.Tech in Electronics & Communication Engineering

M. Tech. in VLSI and Embedded Systems

M. Tech. in Communication Engineering

National and International Student Chapters

IEEE Signal Processing Society

The Institution of Engineers (India) [IEI]

IEEE Communication Society

Program Specific Outcomes (PSO)

After successful completion of the course,

PSO1 : The student will be able to Identify and solve engineering problems related to analog and digital electronic systems and to design and implement them.

PS02 : The student will be able to Model a real world communication problem and to design and implement a suitable solution / system for the same.

PS03 : The student will be able to Solve complex engineering problems on signal processing and to design and simulate a suitable system using advanced tools.

Programme Outcome (PO)

P01. Engineering knowledge : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

P02. 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.

P03. 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.

P04. 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.

P05. 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.

P06. 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.

P07. 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.

P08. Ethics : Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. Individual and team work : Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. 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.

P011. 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.

P012. Life-long learning : Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

The Department has a highly competent and devoted faculty with vast teaching and industrial experience, qualified from highly reputed institutions. An excellent academic environment is available for creative and productive work both for

faculty as well as students.

Dr. Ajay Kumar

Associate Professor & HOD

Dr. Bobby Mathews C

Professor, Dean PhD programmes

Sreekanth K S

Associate Professor

Dr. Bipin P R

Professor

Dr. Ramu R

Associate Professor

Dr. Resmi N. C.

Associate Professor

Remya Ramesh

Selection Grade Assistant Professor (Pursuing PhD)

Prajeesh P A

Selection Grade Assistant Professor

Archana Aniyar

Selection Grade Assistant Professor (PhD Pursuing)

Savitha Raghavan

Selection Grade Assistant Professor (Pursuing PhD)

Divya V Chandran

Senior Assistant Professor (Pursing Ph.D)

Neethu Suman

Senior Assistant Professor

Aswathy N

Senior Assistant Professor

Neetha K

Senior Assistant Professor (Pursuing PhD)

Albins Paul

Assistant Professor

Dr. Neema M

Assistant Professor

Arya Paul

Assistant Professor

Prasanth P Menon

Assistant Professor

Anju George

Assistant Professor (Pursuing PhD)

Jaimy James Poovely

Assistant Professor (Pursing Ph.D)

Reshma Lakshmanan

Assistant Professor

Dr. Anagha E G

Assistant Professor

Manesh V M

Assistant Professor (PhD Pursuing)

Dr. Chithra Parameswaran

Assistant Professor

Vidya V

Lab Instructor

Sheeja K S

Lab Instructor

Neema Vijayan

Lab Instructor

Sreesubha Gopi

Lab Instructor

Syam Sundar B

Lab Instructor

Deepa P B

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

SIMULATION LAB

CIRCUITS LAB

MICROPROCESSOR AND MICRO CONTROLLER LAB

PROJECT LAB

WORKSHOP

IC LAB

ARISE LAB

VLSI DESIGN LAB

IoT INNOVATION LAB

ADVANCED COMMUNICATION LAB

Academic Research

Recognised & Approved Research Center under APJ Abdul Kalam Technological University

External Funded Research and Industry driven consultancy projects

Offers Ph.D. programmes

Major Areas of Research Work:

Wireless Communication | IoT | Fiber Optics & Photonics | Antenna

Design | VLSI | Image & Signal Processing | Machine Learning

Journal Publications* 2022-23 ([Click here to see the list](#)) 2021-22 ([Click here to see the list](#)) 2020-21 ([Click here to see the list](#)) 2019-20 ([Click here to see the list](#)) 2018-19 ([Click here to see the list](#)) 2017-18 ([Click here to see the list](#)) Patents [Click here to see the list](#) Ph.D Supervisors/Guides Dr. Ajay Kumar Dr. Bobby Mathews C Dr. Bipin P R Ph.D Scholars [Click here to see the list](#) Externally Funded Projects [Click here to see the list](#) Consultancy Projects [Click here to see the list](#) Dedicated Research Laboratories Center for AI - IoT Innovation - Sponsored By Ministry of Electronics and Information, Govt of India Centre for Antenna Design (CAD) Internet of Things (IoT) lab - Texas Instruments, India supported Advanced Communication Lab - AICTE MODROBS Funded ARISE Lab

RESEARCH INTEREST GROUP (RIG) CERTIFICATE COURSES:

1. ADVANCED DEEP LEARNING FOR COMPUTER VISION

Computer Vision, an essential discipline encompassing the automatic analysis and comprehension of images and videos, holds immense significance across domains such as security, healthcare, entertainment, and mobility. The profound achievements of deep learning techniques have brought about a paradigm shift in the realm of computer vision, propelling novel breakthroughs to the verge of practical implementation for the benefit of end users. This course will commence by acquainting students with conventional computer vision concepts, subsequently unveiling the realm of deep learning techniques tailored for computer vision. The curriculum will encompass fundamental principles and contemporary advancements within these domains, empowering students to grasp the fundamentals and adeptly apply these methodologies to real-world scenarios.

For more details [Click Here](#)

2. IoT SYSTEM DEVELOPMENT - CONNECT THINGS EASY

The course offers a hands-on experience for beginners to delve into the world of IoT. Participants will get an opportunity to work with Node MCU and Raspberry Pi, and grasp the cutting edge IoT technologies and protocols. The course fosters a deep hands-on experience in designing IoT based systems focussing on data transfer to Thingspeak server, utilizing MQTT on the node, digital and analog sensor interfacing.

For more details [Click Here](#)

3. HFSS FOR RF AND MICROWAVE - ANTENNA DESIGN, SIMULATION & TESTING

The Certificate Course on "HFSS for RF and Microwave: Antenna Design, Simulation & Testing" is a specialized program aimed at providing participants with in-depth knowledge and practical skills in the field of antenna design and simulation, specifically using the High Frequency Structure Simulator (HFSS) software. This course covers a wide range of topics including antenna theory, electromagnetic principles, antenna types and characteristics, RF/microwave design principles and hands-on experience with HFSS software for simulation and optimization of antennas. Participants will learn to design various types of antennas such as microstrip antenna, planar antenna, arrays and more, while also gaining proficiency in analyzing and optimizing antenna performance parameters like radiation pattern, gain, bandwidth, and impedance matching.

For more details [Click Here](#)

4. INTRODUCTION TO VLSI TESTING & EDA TOOLS

The course on Introduction to VLSI Testing & EDA Tools offers a comprehensive exploration into the field of Very Large Scale Integration (VLSI) testing and Electronic Design Automation (EDA) tools. Students will delve into the fundamental concepts of VLSI testing, learning the intricate methods employed to ensure the reliability and functionality of complex integrated circuits. The curriculum also includes an in-depth examination of EDA tools, equipping participants with the skills to efficiently design, simulate, and verify electronic systems. Through a blend of theoretical knowledge and hands-on practical exercises, students will gain a solid foundation in VLSI testing strategies and become proficient in utilizing state-of-the-art EDA tools, preparing them for the challenges of modern semiconductor industry practices.

For more details [Click Here](#)

Month & Year Activity Name Details July 2024 Faculty Development Program Next-Generation Wireless Communication and Hands-on Session in HFSS for RF and Microwave June 2024 Workshop "LSSUW 2024: IoT and Antenna Dynamics - Bridging the Wireless World May 2024 Project Exhibition Aavishkar' 24 April 2024 Workshop Mastering LaTeX: A Student Guide's to Effective Report Writing and Paper Publication March 2024 Faculty professional enrichment program A Guide to Publication, Indexing, and Funding February 2024 School Outreach Program Career guidance program for Diploma students February 2024 Workshop Uddyotana 2024 January 2024 School Outreach Program Abhyudaya 2023 - Phase II December 2023 Talk Career Opportunities and Higher Education November 2023 School Outreach Program Abhyudaya 2023 November 2023 Seminar Engineering on a Global Stage: Discovering Abroad Opportunities September 2023 Value-added course Python programming September 2023 Talk Placement Preparedness September 2023 Workshop Resume Writing September 2023 Certificate Courses Research Interest Group (RIG) Certificate Courses on IoT, Lighting the Path: Skill Enrichment in Optics and Photonics, VLSI Design Flow and Deep Learning for Computer Vision August 2023 Talk Intellectual Property Rights (IPR) Awareness May 2023 Faculty Development Program Antenna Design and Measurement May 2023 Conference ACCESS'23 - IEEE 3rd international conference on Advances in Computing, Communication, Embedded and Secure Systems April 2023 Talk Patent Awareness March 2023 Workshop Workshop on

Digital Marketing February 2023 Talk My Story- An Interactive Talk Session
 February 2023 Workshop Hands-On Workshop on Raspberry Pi and Arduino January
 2023 Faculty Development Program KTU-sponsored FDP On ML and DL Applications In
 Computer Vision October 2022 Workshop HAM Radio Workshop conducted by IEEE
 November 2022 Workshop Gnu Radio Workshop conducted by IEEE September 2022
 Workshop Python Programming Workshop conducted by IEI for Final Year Students
 May 2022 Webinar "How to plan for Start up-Legal and Ethical steps" , Dr. Nishad
 V.M., Project Director of People's Foundation & Visiting faculty of TBI NIT
 Calicut May 2022 Workshop Cyber Security And Ethical Hacking, Mr.Dhanoop R,
 Cyber Security Expert at Appin Technology Lab, Kochi May 2022 Webinar
 "Introduction to Virtual reality/Augmented reality", Mr. Shyam Pradeep Alil,
 Infusory future tech labs Pvt Ltd, May 2022 Work Shop on PCB Design Organized by
 IIC,Dept. of ECE conducted by Mr. Albins Paul, ASIET, Kalady May 2022 Idea
 pitching competition Organized By IIC December 2021 Technichal Talk : Millimeter
 Wave Communication & Antenna Design at 60GHz Organized by IEI within our
 esteemed institution ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY,
 ERNAKULAM through Google meet on 10 December 2021. November 2021 MY STORY -
 Motivational Session by a Successful Entrepreneur. Department of Electronics and
 Communication in association with IIC cell and IEI Students Chapter organized an
 interactive session titled " My story" handled by Mr. Paul Alex, Cofounder and
 Chief Technology Officer at Hound Mobility, serial entrepreneur, and Ted- Ex
 speaker. This motivational session was held on 26th November 2021 September 2021
 Webinar Career Opportunities Of Engineers In Business Development Department of
 Electronics and Communication organised a webinar "Career Opportunities of
 Engineers in Business Development" on 27/9/2021. Mr.Vineeth R Nair, Director
 Sales, Byju's interacted with the audience through google meet. September 2021
 ACCESS '21 AICTE Sponsored International Conference ACCESS '21 (AICTE Sponsored
 2nd International Conference on Advances in Computing, Communication, Embedded
 and Secure Systems), technically sponsored by IEEE, commenced on 2nd September
 2021. This is the second edition of ACCESS. ACCESS '21 is provisionally
 Recommended by AICTE (Reference : AQIS Application Id: 1-9250803471) with a
 grant of INR *4 Lakhs under *Grant for Organizing Conference (GOC) scheme. The
 keynote address was delivered by Dr. Uttam Ghosh, Vanderbilt University, USA and
 Mr. Bejoy Pankajakshan from Mavenir, Texas, USA on 2nd September. The paper
 presentations were organized under 5 tracks: Communication & Networking,
 Computational Intelligence, Computer vision and Signal processing, Robotics and
 Biomedical Engineering, and Security& Computing Technologies. All the accepted
 and presented papers are published in IEEE Xplore. Apart from paper
 presentations, 9 renowned speakers interacted with students and participants
 during the preconference meetings as well as for the tutorial sessions. The
 Conference was enriched with informative sessions by eminent personalities from
 academia and industry. September 2021 AICTE SPONSORED ATAL FDP ON AI ENABLED
 IOT NETWORKS The FDP on AI Enabled IoT Networks covered the topics such as
 Intelligent IoT, Challenges and opportunities in AI, Machine learning concepts,
 deep learning based distributed compression, machine learning in cognitive IoT
 framework during the 5 days. (13/9/2021 - 17/9/2021) September 2021 Technichal
 Workshop Prevailing Technologies In VLSI, Embedded Systems, Photonics & Fiber
 Optics And IoT Dept. of ECE organized a one week online Workshop for S7 students
 on "Prevailing Technologies in VLSI, Embedded Systems, Photonics & Fiber Optics
 and IoT" from 20/09/2021 to 24/09/2021). As part of the 2 day workshop, three
 online sessions by industry experts were conducted. Ms. Lakshmi M, Analog Layout
 Engineer, Tessolve Semiconductors, Mr. Abhilash Surendran, Hardware Design
 Engineer, Smart Inforce Computing and Dr. Deepak P M, Lead Research Engineer,
 Centre of excellence in wireless Technology, IIT Madras campus handled the
 sessions. The rest of the sessions were handled by the faculty members of ECE
 Dept June 2021 ABHYUDHAYA 2K21 Event Abhyudhaya 2K21, was conducted by the ECE
 department from 04/06/2021 to 05/06/2021 with an aim to bridge the technical gap
 between the school and college level academics. The program is organized with an
 obligation to develop design mindset skills, inculcate computational thinking in
 young minds and also to help the students to learn and understand machine
 learning approaches, scaling up machine learning techniques focusing on industry
 applications. The workshop was conducted as a part of the school outreach
 program under the Department of ECE.Students from various reputed schools all
 over India participated in the workshop and the resource persons were the

faculty members from the department. June 2021 Talk on Speak Out And Reach Out At Your Goals The Electronics and communication engineering department of Adi Shankara Institute of Engineering and Technology organized a webinar on "TALK ON SPEAK OUT AND REACH OUT AT YOUR GOALS ". The speaker for the session was Ms. Unnikrishnan S. He is the Cluster Head at Extramarks Education India Pvt Ltd. May 2021 UDDYOTHANA 2K21 VERSION 4 Uddyotana 2K21, version 4, was conducted by Department of ECE from 27/05/2020 to 28/05/2021 with an aim to enlighten the higher secondary mathematics teachers with modern engineering tools and applications. The workshop was organized by the Department of ECE as a part of the school outreach program. Teachers from various reputed schools all over Kerala participated in the workshop. Active participation of the participants led to exchange of ideas in the area of "Applications of mathematics in Engineering". April 2021 Webinar On Higher Education The placement cell of the Department of Electronics and communication engineering organized a webinar on "Learning Pathways in higher Education abroad" on 27th April 2021 2.00 PM-3.30 PM. The speaker for the session was Mr. Gabriel Sebastian, a Research student at University West, Sweden. February, 2021 Research Seminar Presentation Research seminar series has been started in ECE on 23.02.2021. The series is conducted under the supervision of Prof. K G Balakrishnan, Advisor and Dean Research. Dr. Ragesh G K presented a topic titled " Cluster Computing" February, 2021 LSSUW (Lab Staff Skill Up gradation Workshop) 2021 Department of Electronics and Communication Engineering, Adi Shankara Institute of Engineering & Technology, Kalady organized a 3 day Technical Staff Skill Up gradation Program "Python programming for beginners with an introduction to IoT " on 10th , 11th and 12th February 2021. The sessions were online through google meet. Technical Staff members from all over Kerala were invited to attend the Workshop February , 2021 Introduction to NIRF & ARIIA Mr. Albins Paul conducted an introductory session on NIRF & ARIIA for the faculties of Electronics & Communication Engineering Department, ASIET on 18/02/2021 at ECE seminar hall. January 21, 2021 Webinar " Employability of B.Tech Graduates" Electronics and Communication department in association with IIPC and IIC has organised a webinar on the topic " Employability of BTech graduates" for final year graduates on 21-1-2021. The Speaker was Mr John Mathew Sebastian, head of talent acquisition, V-Guard Industries ltd. December 18, 2020 Project Exhibition Conducted an exhibition of projects done by the lab staffs of department of ECE on 18/12/2020 afternoon at the IOT Lab of ECE department. 8 projects done by our six lab staffs were exhibited. December 9, 2020 Industrial Visit Dr Ragesh G K, Er Ajay Kumar, Er Arya Paul, Er Albins Paul and Er Prasanth P Menon visited Nest Cyber Campus at Aluva. The objective of the visit is to start a PG Diploma Course (course duration: 6 months to 12 months) on Electronics and related areas for our Pre-Final and Final year Students. November 21, 2020 MY STORY- MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR The Institution Innovation Cell (IIC) in association with the Department of Electronics and Communication Engineering of Adi Shankara Institute of Engineering and Technology,

Kalady, Kerala initiated an IIC session- My Story-Motivational Session by Successful Entrepreneur, with an objective to encourage students towards Entrepreneurship and also to kindle the skills of the young minds aspiring to be successful entrepreneurs. Speaker: Shri. Santhosh George Kulangara is an Indian entrepreneur, traveller, publisher and media person. He is the founder and managing director of Safari TV, a channel dedicated to travel and history-based programmes, which is a unique experiment in the Indian media industry. The Speaker discussed about various Entrepreneurship opportunities, the Risks faced by an entrepreneur and emphasized about the importance of Critical thinking. He shared his experiences as an Entrepreneur, the challenges he faced in the early stages of his enterprises and motivated the students by describing how his TV Channel- SAFARI broadcasts quality programmes without any paid commercial advertisements. November 13, 2020 MY STORY- MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR The Institution Innovation Cell (IIC) in association with the Department of Electronics and Communication Engineering of Adi Shankara Institute of Engineering and Technology, Kalady, Kerala initiated an IIC session- My Story-Motivational Session by Successful Entrepreneur, with an objective to encourage students towards Entrepreneurship and also to kindle the skills of the young minds aspiring to be successful entrepreneurs. Speaker: Mr. Joy Sebastian, Chief executive officer and co-founder of Techgentsia, who won

the "Grand Innovation Challenge for Video Conferencing Softwares" conducted by the Ministry of Electronics and Information Technology (Meity) under Govt. of India's search for a Make In India Video Conferencing Software. He also won the Emerge 50 award of 2020, by NASSCOM India for the most promising companies from India which was announced in November 2020. The Speaker discussed about various Entrepreneurship opportunities, the Risks faced by an entrepreneur and emphasized about the importance of Critical thinking. He shared his experiences as an Entrepreneur, the challenges he faced in the early stages of his start-up and motivated the students by describing how his company- Techgentsia won the prestigious Grand Innovation Challenge.

November 8, 2020 "WEBSECURITY AND BLOCKCHAIN" A talk on "Websecurity And Blockchain" was held on November 8, 4.00pm-5pm for IETE members, the students of S5 Electronics And Communication at Adi Shankara Institute of Engineering And Technology by Mr Harikrishnan M , [2014-18 batch Alumni, ECE department] Entrepreneur, Blockchain Architect And Research Fellow, Ciirc, Bangalore.

November 2020 MoU Two MoU's were signed- Digital Core Technologies Pvt. Ltd. (Kochi based Embedded System Technologies and having 8 to 35+ years of system design and Product Development Experience). and with AIC- Indian Institute of Information Technology (Institute of National Importance), Kottayam.

October 13, 2020 'Career opportunities for electronics graduate in Canada' A webinar on 'Career opportunities for electronics graduate in Canada' was taken by a former ASIET alumni Mr. Akhil Sivaram B who is currently working as electronics technician at Radwell International in Canada.

October 12, 2020 Alumni Talk_ First year Induction program Abhinav Subhash Jayarishnan [2019 ECE], Gokul Krishnan [2019 ECE] and Renjitha C Nair [2018 ECE] delivered a talk to first year students as a part of their induction program. Abhinav Subhash Jayarishnan and Gokul Krishnan are the members of Fab Lab. They delivered talk on entrepreneurship. Er Renjitha C Nair is working at Tessolve. She gave a motivational talk to the students.

October 12, 2020 Industry expert talk_ First year Induction program Er Anuroop K B, Fablab in charge and Assistant Professor, ECE department delivered a talk on Technology, Innovation and Entrepreneurship.

September 7 to 11, 2020 FDP The Department of Electronics and Communication Engineering, Adi Shankara Institute of Engineering and Technology, successfully organized an ATAL AICTE sponsored five days faculty development program on Robotics & Industrial Revolution on 7th September to 11th September 2020.

August 3, 2020 onwards "Geogebra for Higher secondary Mathematics Teachers " 15 hours Online training Program on "Geogebra for Higher secondary Mathematics Teachers " August 3, 2020 onwards 'Computer Programming for Robotics' 16 hours Online workshop on 'Computer Programming for Robotics' from 3rd August 2020 onwards. The Program is intended for students who have completed their Plus two in 2020 in science stream.

August 23, 2020 "Embedded System Design " A webinar on the topic "Embedded System Design " by Mr. Kurian Thomas, Senior Engineer, Tata Elxsi LTD. August 21, 2020 " IoT, Smart devices and home automation" Webinar on " IoT, Smart devices and home automation" by Mr. Sreehari P L, Software engineer, Kimball electronics.

August 5, 2020 " Sensing with Nerves of Glass" Webinar on "Sensing with Nerves of Glass" by Mr. Srijith K, Assistant Professor, IIITDM, Kancheepuram.

August 6, 2020 " Machine Learning in Healthcare and Agriculture" Webinar on " Machine Learning in Healthcare and Agriculture" by Dr. Biji C L, Lecturer, Department of Computational Biology and Bioinformatics, University of Kerala.

August 8, 2020 "Challenges in industry jobs on the verge of 4th industrial revolution" Industry Institute Partnership Cell (IIPC) , Electronics and Communication department organized a webinar on the topic " Challenges in industry jobs on the verge of 4th industrial revolution" in association with Institution's innovation council (IIC) on 07/ 08 /2020. The speaker was Mr Gopakumar M G, Qatar civil defense approved engineer, Instrumentation & Fire alarm system.

June 31-August 1, 2020 "Introduction to Machine Learning using Python"(A Hands-on approach) Department of ECE and CSE organized an online two day STTP on "Introduction to Machine Learning using Python"(A Hands-on approach) on 31/07/2020 and 01/08/2020.

June 21, 2020 "BASICS OF FACE DETECTION" Signal Processing Society of IEEE Student Branch ASIET organized a webinar on "BASICS OF FACE DETECTION". The session was handled by Mr. Dennies Rocky [S8 ECE], Former Chairman, IEEE Student Branch ASIET.

July 19, 2020 "BOT: A New Interface" Webinar on "BOT: A New Interface" by Mr. Shekhar Kumar - Technical Head at Talentas Technology Pvt Ltd [ECE 2008-12 batch , ASET] was organized under IEI on 19th July 2020.

July 12,

2020 "Introduction to Artificial Intelligence" Webinar on "Introduction to Artificial Intelligence" by Mr.Karthik K - AI Engineer at Innovation Incubator and Industrial Relations Coordinator at IEEE CS SYP was organized under IEI on 12th July 2020. July 11, 2020 "Career opportunities in Robotics " Webinar on "Career opportunities in Robotics " by Dr.Rahul Sharma K July 16, 2020 "Career Prospects for Electronics Engineers in India" Department Placement cell organised a talk on "Career Prospects for Electronics Engineers in India" by Mr. Anish Gopinath -Scientist/Engineer ,Avionics, VSSC, ISRO Trivandrum. June 13, 2020 "The Art of entrepreneurship: Turning dreams into ideas" ECE placement Cell organised a webinar "The Art of entrepreneurship: Turning dreams into ideas" on 13/6/2020 by Mr.Arjun R Pillai, Founder and CEO, Insent.ai, USA . June 28, 2020 "Engineer's voyage to Indian Navy" ECE Placement cell coordinated a webinar on "Engineer's voyage to Indian Navy" by Lieutenant Sreerang Prakash (2012-16 batch) on 28th June 2020 as a part of Enlight-Alumni Talk Series. June 7, 2020 "Test your "C"Skills" ECE placement cell organizes weekly online placement trainings on core subjects, aptitude and programming with the objective of helping the students to easily crack both the company recruitment and competitive exams such as 'GATE'. The course provides the best comprehensive study materials focussing on enhancing the capability of candidates to solve thought provoking questions easily. The live training sessions and the course materials are uploaded in YouTube for fast access. May 25, 2020 "Career options and opportunities for Electronics Graduates" Department Placement Cell organised a talk on "Career options and opportunities for Electronics Graduates" on 25th May 2020 by Mr.Renjith C V, Electrical Architect- Medical Imaging, Philips Healthcare to 2016-2020 and 2017-2021 Batch students. January 28 to February 5 , 2020 "App Development workshop using Flutter" SPS chapter of IEEE SB in association with our department conducted a workshop on " App Development workshop using Flutter" from January 28 to February 5 , 2020 to final year students January 28 to February 5 2020 NI LabView and USRP From January 28 to February 5 2020, organised a workshop on NI LabView and USRP as quality enhancement program for final year students. January 25, 2020 "Uddyotana 2K20 version 3" one day workshop for Mathematics teachers, "Uddyotana 2K20 version 3" on January 25, 2020 12/10/2019 Cyber security facts and tools A one day workshop on 'Cyber security facts and tools' by Prof. Anju George, ECE department which is opened to first year students. 26/09/2019 to 01/10/2019 Electronic Product Building Mr. Antu Dominic, Truetek world conducted a workshop for second year students(2018-2022 Batch) 20/08/2019 Talk and hands-on session on 'Electronics in Ship Design' Talk and hands-on session on 'Electronics in Ship Design' was taken by Mr.Anish S, Asst General Manager design, Cochin shipyard for final year students . (2016-2020 Batch) 23/08/2019 Hands on workshop on NS2 A hands on workshop on NS2 was organized by Prof. Ajay Kumar, ECE department which is opened for all IEI members 25/07/2019 to 26/07/2019 'Introduction to Deep Learning' A handson workshop on 'Introduction to Deep Learning' for IEEE members was taken by Prof. Neema M, ECE department 15/07/2019 "Introduction to rapid prototyping" One day workshop, on "Introduction to rapid prototyping" was organized by Prof. Anuroop K B, ECE department for second year students (2018-2022 Batch) 24/07/2019 to 28/07/2019 'Python programming' Five day workshop from 24/07/2019 to 28/07/2019 for 2015-2019 batch students was taken by Mr.Arun and Team, BITSFORGE EMBEDDED SYSTEMS. 25/06/2019 to 27/06/2019 LSSUW -2019- Lab Staff Skill Upgradation Workshop Main Objective is to give intense hands on training to technical staff of Engineering/science colleges in kerala. Training to keep staff updated on the skills needed to meet changing industry trends, and use new technologies is a mission-critical component of any lab-based organization. The workshop was on the fundamentals of System Design using Microcontrollers for IoT and Robotics 17/06/2019 to 21/06/2019 FDP on 'Industry 4.0- Technological Advances & Implications' It was funded by Kerala Technological University. 10/06/2019 Uddyotana-- Workshop for Physics Teachers It was attended by various teachers from schools near and far. Both lecture and hands-on sessions were held for the participants. 20/03/2019 to 23/03/2019. 'Embedded-IOT' A workshop was conducted on 'Embedded-IOT' by AESTER INDIA PVT LTD for 2014-2018 batch students 27/02/2019 to 2/03/2019 'ROBOTICS' Four day workshop on Robotics , for 2015-2019 batch students was taken by AESTER INDIA PVT LTD. 25/02/2019 to 26/02/2019 Workshop on PCB Designing A two-day Workshop on PCB Designing was held for ECA Semester 4 students. It was conducted by RR

Consultants and Trainers, Chennai. 05/01/2019 to 06/01/2019 Abhyudaya 2019 2days hands-On training for VHSE students and this was attended by students of VHSS, Marampilly. 14/12/2018 to 19/12/2018 FDP on "Artificial Intelligence and Machine Learning" Organised a 5 Day Faculty Development Program on "Artificial Intelligence and Machine Learning" from 14-19 December 2018. The programme is co - sponsored by The Institution of Engineers (India) (IEI) 10/10/2018 'Artificial Intelligence' Workshop based on 'Artificial Intelligence in Health care' was taken by Ms Sruthi Krishna, Asst Professor, ECE, Amritha , Kollam for final year students. (2016-2020 Batch) 8/8/2018 "Opto Electronics and Communication - Recent Trends and approach" One day workshop was taken by Mr. Saaju Joseph, Project co-ordinator, training Division, NEST , Kakkanad based on "Opto Electronics and Communication -Recent Trends and approach" for 2015-2019 batch students. 20/07/2018 'VLSI Design flow' Workshop on ' VLSI Design flow' was conducted by Mr Praveen Kumar T, Principal Consultant , Wipro Technologies, Kochi. 16/1/2018 QUIZ Competition A QUIZ Competition was conducted by Albins Paul for first year students 17/1/18 One day workshop on "PSpice/Livewire/PCB Design" One day workshop was organized by Albins Paul, ECE department "PSpice/Livewire/PCB Design" for first year students .(2019-2023 batch) 24/1/2018 'Robotic workshop' Fourth year students conducted a 'Robotic workshop' for first year students(2019-2023 batch) 16/1/2018 '3D Modelling' A workshop was conducted based on '3D Modelling ' by Mr. Anuroop K B for second year students (2018-2022 batch) 23/1/2018 'C Programming' On 23/1/2018 a workshop on 'C Programming' was conducted by Ms. Arya Paul, Ms. Savitha R & Ms. Anju Mary Joseph for second year students (2018-2022 batch). 30/1/2018 'Robotics Workshop' A 'Robotics Workshop' was conducted by third year students for second year students(2018-2022 batch)

Month & Year Student Name Achievement May 2024 Saniya Geo, Jyothika T P, Sanjana Ann Abraham Got NPTEL certificate for "Introduction to Internet of Things" May 2024 Aarya Vinod, Adhithya Krishna, Kevin Johhson, Noel Shillog Mathew , Raymond V Joseph Roy Paced in Granteq May 2024 Avin Sony, Jaison T Poullose Placed in Nava Design Pvt. Lt. May 2024 Adithya Shaju Got NPTEL certificate for "English Language for Competitive Exams" May 2024 Abhini Ramesh Got NPTEL certificate for "Foundations of Wavelets and Multirate Digital Signal Processing" May 2024 Alfiya M S, Aneesa Salim Got NPTEL certificate for "Design and Analysis of VLSI Subsystems" May 2024 Gautham V G, Noel Martin Got NPTEL certificate for "CMOS Digital VLSI Design " May 2024 Gaea Titus, Annmaria poullose, Fathima Muhasina, Aswathy Manoj Second Prize in Aavishkar' 24, Final year B.Tech Project Exhibition is organized by the IEI Students chapter of ASIET. May 2024 Akshay Krishna, Alvin Antony Lopez, Anujith T P, Athul Krishna KS First Prize in Aavishkar' 24, Final year B.Tech Project Exhibition is organized by the IEI Students chapter of ASIET. April 2024 Aparna Prasad Got second prize in Couture-Theme Show conducted as a part of Brahma'24 April 2024 Anandhu Krishnan R, Adithya satheesh, Bahanam varghese, Chacko christopher Got second prize in short film competition conducted as a part of Brahma'24 April 2024 Anandhu Krishnan R Got second prize in Asiet Talkies conducted as a part of Brahma'24 April 2024 Anit Sunil Got second prize for poster making competition conducted by NSS unit of ASIET March 2024 Anal CD, Adithya Sathesh, Gautham, and Akshay Suresh 1st runner up in the KTU D Zone Cricket Tournament and have qualified for the Inter Zone Cricket Tournament February 2024 Avin Sony, Akshay Krishna, Udith G Menon, Alvin Antony Lopez, Athul Krishna , Titya Ramchandran and Swetha P Mallaya Students Selected For Internship at Centre for Materials for Electronics Technology February 2024 Abhijith A Pillai, Jaison T Poullose Students Selected For Internship at Sunlux Technovations Pvt Ltd February 2024 Malavika S Menon (2020-24 Batch) Placed in Manappuram Finance February 2024 Jaison T Paulose, Alvin Antony Lopez, Aditya Arun and Abhijith A Pillai (2020-24 Batch) Placed in KP Reliable Technique. January 2024 Swetha P Mallaya, Radhika Radhakrishnan and Raymond V Joseph Roy (2020-24 Batch) Placed in Pentagon space January 2024 Raymond V Joseph Roy, Sreehari L, Udith G Menon and Sreekarun A (2020-24 Batch) Placed at ESAF Bank January 2024 Raveena Anil and Sreehari L (2020-24 Batch) Placed at Dhoot Transmissions, December 2023 Swetha P Mallaya (2020-24 Batch) Placed in Planet Spark, Gurgaon. December 2023 Aparna Prasad (2021-25 Batch) Selected for Republic Day Parade Camp 2024. December 2023 Amarnath (2023-27 Batch) Secured First Prize for quiz on 'The History and Contributions of Indian

Mathematics' organized by Maths Club at ASIET, November 2023 SEREEN SABU (2020-24 Batch) Got NPTEL certificate for "Essential Mathematics for Machine Learning" by IIT Roorkee November 2023 ASHIK PAUL (2020-24 Batch) Got NPTEL certificate for "Industrial Safety Engineering" by IIT Kharagpur November 2023 AVIN SONY, JAISON T POULOSE, LIYA SAM, SOORYA S PAI (2020-24 Batch) Got NPTEL certificate for "VLSI Design Flow : RTL to GDS" by IIIT Delhi November 2023 Anusree P and Keerthana M (2023-27 Batch) Selected for KTU Women's Volleyball University Team November 2023 Sreyas Kumar C V (2021-25 Batch) Selected for the internship program at Suyati Technologies. October 2023 Swetha P Mallaya (2020-24 Batch) Placed at Intellipaat September 2023 ALVIN ANTONY (2023-27 Batch) Winner of Digital Poster Making Competition organised by EEE Department Association ENLYTUS September 2023 Aparna Prasad (2021-25 Batch) Selected for the next round of the Republic Day Parade Selection Camp. July 2023 N Sneha Das (2020-24 Batch) Got NPTEL Certificate for "Introduction to embedded system design" July 2023 Jaison T paulose (2020-24 Batch) Selected for the paid internship at Suyati Technologies. July 2023 Abhijith A Pillai, Adithya Krishna M, Adarsh Vinod, and Arjun J of (2020-24 Batch) Project titled 'Landslide Prediction, Detection, and Early Warning System using AI' shortlisted for the Grand Finale of IGNI.T.E Darsana 2023. June 2023 Manikandan A R, Sona Paul, Sabarinath M Sand Katharin P Jose Project titled "Integrated Intelligent Surveillance using Deep Learning" won the best project award from the department in Project Exhibition ASPEREN'23 May 2023 Abhijith surendran Placed in Codelynks Software Solutions Pvt Ltd May 2023 D KEERTHANA PRASAD, VISWESH PARAMESHWARAN (2019-23 Batch) Placed in MyCaptian May 2023 AMRUTHA V, ANJANA RAVEENDRAN (2020-24 Batch) Completed Course on "Introduction to embedded system design" Conducted by NPTEL May 2023 SREELAKSHMI PM (2021-25 Batch) Completed Course on "Principles of signals and systems" Conducted by NPTEL May 2023 VYSAKH PRADEEP, SEREEN BABU (2020-24 Batch) Completed Course on "Deep Learning" Conducted by NPTEL March 2023 Abhirami K B, GOPIKA RAJEEV, DEVIKALEKSHMI J SHENOI, D KEERTHANA PRASAD (2019-23 Batch) Selected for funding of Rs. 18250 from Cerd SPS for their project, Implementation of 2 - Way Interactive Digital Notice Board. February 2023 Viswesh Parameswaran (2019-23 Batch) Selected as the Media Manager of IEEE PIE Kerala Section and being appointed as a Committee Member for the IEEE Bombay Section Membership Development Committee. February 2023 Hrithika S Pai (2019-23 Batch) Placed In Federal Bank February 2023 Viswesh Parameswaran, Nirmal V Babu, Mohit Manoj, Sinu Damodaran (2019-23 Batch) Placed In Intellipaat February 2023 D Keerthana Prasad, Dominic Davis, Abirami K.A, Govind R, Aravind Sreedhar, Nima T A, Nima T A, Joyal Joy, Sidharth A J, Rahul V R, Sangeetha Prasad (2019-23 Batch) Placed In Nebula Cloud February 2023 Atulya G Nair, Arya Shivan, Devikalekshmi J Sheno, D Keerthana Prasad (2019-23 Batch) Placed In Sutherland February 2023 Amrutha P.P (2019-23 Batch) Placed In Jobin and Jismi December 2022 Narayan Seshan, Nikhil Krishnan, Preethesh K (2018-22 batch) Patent Published on Project titled "VEG DOC" December 2022 Manikandan R (2019-23 Batch) (2019-23 Batch) Placed in EY December 2022 Amal K Roy (2019-23 Batch) Won the silver medal for the 67 kg category in the Inter-zone Karate Tournament held at MA College, Kothamangalam. November 2022 SIDHARTH AJ, SONA PAUL, TITYA RAMACHANDRAN (2019-23 Batch) Completed Course on "Essential mathematics for machine learning" NPTEL-IIT Roorkee November 2022 SIDHARTH AJ, SONA PAUL, MANIKANDAN AR, VYSHNAV CJ (2019-23 Batch) Completed Course on "Deep Learning" Conducted by NPTEL-IIT Madras November 2022 Mr. Akhilkumar A (2018-22) Awarded the Outstanding Student Volunteer 2021 award by IEEE PES Kerala Chapter. November 2022 Anna Mary Jose, Ashily Shibu (2019-23 Batch) Team won the runners-up trophy in the KTU D-Zone Women's Volleyball Tournament held at Viswajyothi Engineering College, Vazhakulam. November 2022 Sneha V Iyer (2019-23 Batch) Placed in Qburst November 2022 Swetha S (2019-23 Batch) Placed in Suyati Technologies November 2022 Ashily Shibu (2019-23 Batch) Placed in 6D Technologies November 2022 Ashily Shibu, Gayatri M, Amal Krishna V, Abijith K, Abhirami Muraleedharan, Hritika S Pai (2019-23 Batch) Placed in Quest Global October 2022 Clenitta Joseph M (M Tech VLSI) Completed NPTEL course on Python for Data Science October 2022 Devadutt P G, Gopika Rajeev, Samuel Sabu Thomas (2019-23 Batch) Placed at Mu Sigma September 2022 Manikandan A.R, Sona Paul, Sneha V Iyer, Vivek Shankar (2019-23 Batch) Placed in IBS. August 2022 Aparna Mohanan (MTech VLSI and Embedded systems) Placed in HCL. August 2022 Nirmal V Babu (2019-23 Batch) First prize in 2 Day Idea pitching competition IDEATE. August 2022 HRIDAYA U MALLIA (2018-22

BATCH) Best outgoing student award. August 2022 AISHA MEHRIN K I , PARVATHY S KUMAR (2018-22 BATCH) Received the award for class toppers. June 2022 LAKSHMI NANDANA (2018-22 BATCH) BEST NSS VOLUNTER AWARD June 2022 JAGANNATH U Placed in ZOHO Corporation June 2022 Nikhil Krishnan (2018-22 Batch B TECH) Placed in Kalitech June 2022 Hasna Hameed (M Tech-CE). Bagged best paper award for the paper titled "AN IOT- BASED SYSTEM FOR HEALTH MONITORING AND SURVEILLANCE IN POST-COVID LIFE" in Third International Conference on Materials, Computing & Communication Technology ICMCCT 2022 held at Annai Vailankanni College of Engineering, AVK Nagar, Pottalkulam. May 2022 ASWANI M RAVI , AUSHIN JOSE MANJOORAN, AISHA MEHRIN K I(2018-22 B Tech Batch) Completed a NPTEL course titled "Introduction to industry 4.0 and industrial internet of things" April 2022 M G Sukanya (MTech, VLSI & ES - 2020-2022) Parvathy S Kumar, V U Anakha, Krishnapriya Bobban and Malavika J (B.Tech - 2018-2022) Project "Mixer Design for Global Navigation Satellite System"; bagged II prize at SRISHTI '22, Saintgits College of Engg, Kottayam. April 2022 Aisha Mehrin K I, Aswani M Ravi, Aushin Jose Manjooran, Farhan Najeeb and Finto Shajan Project - "MED-MATE" Selected for student project under CERD funding by KTU (Rs. 12000/-) April 2022 Gokul G Pillayi (2018-2022) Placed in 6D Technologies April 2022 Hridaya U Mallia (2018-2022) Placed in Insemi Technology April 2022 Navaneeth Shajan (2021-2025) Completed a course on Ethical Hacking April 2022 Sreeerag (2021-2025) Completed a course on Linear discriminant analysis applications March 2022 Noel Mathew Shilow (2020-24) Completed 5 day internship on Introduction to Autocad March 2022 Gayatri Viswanath (2021-2025) Completed a course on Deep learning March 2022 Uthara C P (2021-2025) Completed a course on Data Science for Beginners March 2022 Nazila K N (2021-2025) Completed a course on Data Science March 2022 Sreyas Kumar C V (2021-2025) Completed a courses on Data Science for Beginners & Responsive Web Design March 2022 Sreeerag (2021-2025) Completed a course on Cyber security March 2022 Manikandan A R and Libin Luvis (2019-2023) Got selected for a paid internship for the next phase of the project with Suyati Technologies under the industry-institute interaction program. February 2022 Suman Menon (2019-21 M Tech VLSI) Placed at Tata Elxsi February 2022 Adeeb Abubacker, Finto Shajan, Sivanjana K K, Aswin M B, Farhan Najeeb and Megha Jose (2018-2022) Placed at Sutherland January 2022 Narayanan Seshan, Christy K Shilly, Aswani M Ravi, Ananthakrishnan S Babu and Kavya G Padiyar (2018-2022) Placed at Aspire Systems December 2021 Devika Rajan and Pankaj Kumar Dwivedi (2017-2021) Adjudged as Best outgoing students 2017-21 BATCH December 2021 Manikandan A R (2019-2023) Selected to the APJ Abdul Kalam Technological University Football Team. December 2021 Bob Jacob Benny (2017-2021) Selected to Ola Electric as Graduate Engineer Trainee December 2021 Ashna Biju (2018-2022) Completed an Online Internship on "Internet of Things" at Enfono Technologies on 12/20/2021 December 2021 Lakshmi Nandana N R, Kavya G Padiyar, Abin P Saviour, Aravind Narayanan, Aisha Mehrin and Chris K Shilly (2018-2022) Placed at Suyati Technologies. December 2021 Akhil Kumar A and Rahul G Krishna Placed at Tech Mahindra December 2021 Aswathy Babu, Devapriya S, Harshit Kumar and Hridaya U Mallia (2018-2022) Placed at Wipro December 2021 Ashna Biju and Daniel Besant (2018-2022) Placed at IBS Software December 2021 Ajmal Ali K M (2018-2022) Placed at Experion Technologies. December 2021 Jayakrishnan, Preethesh K, Harshit Kumar, Safar K Naizam, Govind V J, Ajmal Ali K M, Anna Paul, Athulya Mathews, Aswathy Babu, Krishna Priya Boban, Divya D Menon, Varsha T R, Devapriya S, Hridaya U Mallia and Jagannath U (2018-2022) Placed at UST Global December 2021 Hridaya U Mallia (2018-2022) Placed at Marlabs December 2021 Anjana V P (2018-2022) Placed at Gadgeon Smart Systems December 2021 Narayanan Seshan, Neaha Rose Noble and Ajmal Ali K M (2018-2022) Placed at Qburst November 2021 Ann Mary Paulose (2018-2022) Power Quiz (College Level) competition Winner conducted by KSEB officer's Association on October 31st 2021 November 2021 Megha Sunil (2017-2021) Placed at TCS November 2021 Hridaya U Mallia, Neha Rose Noble, Pranith S Prabhu, Parvathy S Kumar, Sneha Varma D and V U Anagha (2018-2022) Placed at MuSigma November 2021 Anagha K Wilson, Neelima Sunil, Aushin Jose Manjooran, Parvathy S Kumar, Sneha Varma D and V U Anagha (2018-2022) Placed at TCS November 2021 Malavika J, Mishal C J and Parvathy S Kumar Placed at Quest Global November 2021 Akshay Krishna, Gaea Titus, Liya Sam, Noel Shillo, Sonu Rajesh, Sreelakshmi Sreekumar (2020-2024) Secured SGPA 10 in KTU S1 Examination November 2021 M G

Sukanya(2020-2022 M Tech VLSI) Secured SGPA 9.74,in KTU S1 M tech University Examination November 2021 Vismaya, Hasna Hameed and Syethima K.R(2020-2022 M Tech Communication Engineering) Secured SGPA above 9,in KTU S1 M tech University Examination November 2021 Aswani M Ravi and Anjana V P(2018-2022) Successfully Certified NPTEL Course on Introduction to internet of Things By IIT Kharagpur November 2021 Vysakh Pradeep(2020-2024) Successfully Certified NPTEL Course on Rapid Manufacturing by IIT Kanpur. October 2021 Lakshmi Nandana(2018-2022) Won the State Level Award for Best NSS Volunteer,2021 October 2021 Vyshnav C J and AbhiramiMuraleedharan (2019-2023) KTU S3 Examination December 2020 Toppers-With SGPA 10 October 2021 A V Vinayak(2017-2021) Placed at Sinergia Media lab LLP. October 2021 Aleena Varghese and Abhishek Anand(2017-2021) Placed at UST Global October 2021 Sumayyabeevi V A(2019-21 M-tech-Batch) Placed at Qburst October 2021 Sinu Damodaran, Manikandan.A.R, Nikhil R Bhat, Hrithika S Pai, LibinLuvvis and Devadath PG (2019-2023) Got selected By SUYATI technologies for doing Project September 2021 Sona Paul (2019-2023) Attended Blockchain Foundation Program by Kerala Blockchain Academy September 2021 Vysakh Pradeep (2020-2024) Attended Workshop on Ethical Hacking and Cyber Security by Blackhat Academy, IEEE SB SJCTET ,PALAI September 2021 Jaison TPoulose(2020-2024) Attended course on Machine Learning andImage Processing by Cisco ThingQbator August 2021 Devika Rajan and Pankaj Kumar Dwivedi(2017-2021) Secured SGPA 10 In KTU S8 Examination August 2021 Vyshakh V Namboothiri(2017-2021) Placed at Quest Global, Trivandrum August 2021 Anna Isabel John, Sneha V P, Surya Paul(2017-2021) Placed at Pear Data Direct ,Pvt Ltd August 2021 Santhosh Sivan (2017-2021) Placed at Capgemini August 2021 Sreejith S Nair(2017-2021) Placed at VVDN August 2021 Nikhil George,Roopak J(2017-2021) Placed at Nila Infotech August 2021 Anantha Krishna Bhat G(2017-2021) Placed at Cognizant August 2021 Titya Ramachandran Completed four weeks training on Advanced Excel from Internshala July 2021 Austin Francis, Anila Shenoy, Dilna Vinod & Anusree S M (2017-2021) Their project "DRIXPA: An automated intravenous drip system" selected to the K-DISC YIP State level contest. July 2021 SUMAYYABEEVI V A(M.Tech VLSI & ES) Secured SGPA-10 in KTU S3 ExaminationDecember 2020 July 2021 Sreeram P, Austin Francis(2017-2021) Placed at Accenture July 2021 Devika Rajan and Rahul Menon(2017-2021) Placed at Capgemini July 2021 Brijith B Gopal and Aquin Jose(2017-2021) Placed at PKJ Technologies July 2021 Goutham Sankar, Dhanush Damodaran, Sreejith S Nair(2017-2021) Placed at Q wave July 2021 Jaison T Poulose(2020-24) Secured 3rd Position in AD-MAD advertisement making by IEEE JSSATEN NOIDA July 2021 AKHIL KUMAR A(2018-22) Attended WITI International Conference, July 2021 Soorya S Pai(2020-24) Attended WITI International Conference July 2021 Bibin Varghese and Ananthakrishnan S Babu(2018-22) Completed Internship Programme on Robotics & Embedded Systems (TECHBYHEART India private limited, 2021-01-04) July 2021 Vyshnav C J(2019-23) Completed Coursera course on "Getting started with AWS Machine Learning" June 2021 Krishnaraj R, Megha Sunil, Nihala Suman M N and Rose Mart Benedict(2017-2021) Fund Received - Rs.16,500 under the Student Project Scheme of APJ Abdul Kalam Technological University June 2021 AnilaShenoy, DevikaRajan, Santhosh Sivan(2017-2021) Placed at Accenture June 2021 Pankaj Kumar Dwivedi, TaniyaEldho, Sankalp Mohan K K and Akshay Divakar(2017-2021) Placed at Infosys June 2021 Balakrishna R, DevikaRajan, Anantha Krishna Bhat, LizbethShaji, TaniyaEldho(2017-2021) Placed at PoornamInfovision June 2021 SreeramP, Balakrishnan R(2017-2021) Placed at Nest Digital May 2021 Hrithika S Pal(2020-2024) KTU University Exam Topper(S2) with SGPA-10 May 2021 Titya Ramachandran(2020-2024) First Poetry Book Titled " Break Out" Got Published on Amazon, Apple I Books And Kobo Books. May 2021 Anila Shenoy(2017-2021) Placed at UST Global May 2021 Akshay K S(2017-2021) Placed At OSPYN Technologies Pvt. Ltd.,Technopark, Trivandrum May 2021 V.U Anakha,Parvathy S Kumar,Hridaya U Mal l ia, Rahul G Krishna, Krishnapriya,Sneha Varma D,Malavika J, M.G Sukanya(2018-2022) Students of 2018-2022 batch got selected for internship at Silizium Circuits, Ernakulam. April 2021 Anita Shaji and Archana T(2017-2021) The exceptional talent and performance by the women entrepreneurs from Fablab, AdiShankara Institute of Engineering & Technology, Kalady was featured in Sambrambaka(National Level) program by Flowers TV. April 2021 Gaea Titus(2020-2024) Elite Certification for the NPTEL Course " Data Science for Engineers" offered by IIT, Madras. April 2021 Lakshmi Nandana N R(2018-2022) Selected from APJAKTU NSS Cell forInternational Youth exchange program of Ministry of

Youth affairs and sports. She was selected based on the interview conducted at MES college Kuttippuram April 2021 Amitha M, Anjitha S, Ann Maria Santosh, Austin Francis, Harikrishna P A, Livin Varghese, Rahul Menon A, Minnu Priya Joseph(2017-2021) Placed at UST Global April 2021 Swetha Vinayakumar, Linza Mary Varghese, Greeshma K V(2016-2020) Placed in EY April 2021 Balakrishna R(2017-2021) Placed in Coditas April 2021 Deepak N(2017-2021) Placed in Byjus April 2021 Jishnu S (2017-2021) Placed in Resemble Info Systems March 2021 Viswesh Parameswaran(2019-2023) Selected in the IEEE Indian Council Newsletter Team 2021 February 2021 N.Jithin, Devika Rajan, Pankaj Kumar Dwivedi, Livin Varghese (2017-2021) Got Placement in QuEST Global. February 2021 Mr.Sreejith S Nair (2017-2021) A sum of INR 2 Lakhs was sanctioned for the Project Asegurar Vida from KSUM. This project is mentored by Asst Prof. Anuroop K B February 2021 Athulya R(2018-2022) Attended National Level Mapping conducted by NSS on 22/2/2021. February 2021 Aleena Antony (2020-2024) Attended "OSM training attendance" conducted by NSS on 31/1/2021. Attended C++ Course conducted in August and AICTE course February 2021 Ann Maria Poulose, Athira B, Gaea Titus E, Dilna Davis, Gadha S, Anjana Raveendran (2020-2024) Attended "Open Street Map Training Program" conducted by NSS on 31/1/2021.. February 2021 Viswesh Parameswaran(2019-2023) Received Outstanding Volunteer Award conducted by IEEE SB ASIET February 2021 Aswathy Babu(2018-2022) Selected as IEEE WIE Chairperson February 2021 Akhilkumar A(2018-2022) Selected membership development coordinator of IEEE ASIET SB on 10/2/2021. Selected as electronics communication coordinator of IEEE PES KERALA CHAPTER on 2/6/2021. January 2021 Anna Paul(2018-2022) Secured First Prize for Disaster Management & Reduction Hackathon organized by IEDC NSSCE Palakkad Secured second prize for Legus 21-#1, Virtual Treasure Hunt Participated as a mentee in the Flutter Course organized as a part of the Outreach Resources in Engineering Program Participated in the National Student Professional Awareness Congress Successfully completed a coursera course on " Cloud Computing Basics" January 2021 Harshit Kumar(2018-2022) Successfully completed a coursera course on " Cloud Computing Basics" January 2021 PARVATHY KRISHNAN(2018-2022) Successfully completed a coursera course on " Machine learning Foundation" January 2021 Anirudh D Pai, Finto Shajan(2018-2022) Successfully completed an NPTEL course on " Python for Data Science" by IIT Madras from Sep-Oct 2020 January 2021 Balakrishnan R, Devika Rajan, PANKAJ KUMAR DWIVEDI, Anagha Mohan(2017-21) Successfully completed an NPTEL course on " The Joy of Computing using Python" by IIT ROPAR from Sep-Oct 2020 January 2021 Aiysha Meharin (2018-2022) Got 10 CGPA in S4 university examination January 2021 Aswani M Ravi and Athulya R (2018-2022) National Level Best Performers in National Level Mapathon Organised by APJ AKTU NSS CELL December 2020 Jaidev Vinod Panicker, Akshay Divakar, Nanditha P, Pankaj Kumar Dwivedi, Livin Varghese, Karthik M Pai (2017-2021) Placed in TCS December 2020 Karthika Vijay (2016-20) Placed in IQVIA December 2020 Ajay Antony (2017-21) Attended an Idea Pitching competition conducted by Saintgits college of engineering, Kottayam. December 2020 Anagha Mohan (2017-21) Attended a course on "Introduction to web development" conducted by Coursera December 2020 Narayanan Seshan (2018-22) Attended "30 Days GCP" program conducted by GOOGLE. Attended a course "RS and GIS application" conducted by ISRO. Attended a course "Front end developers workshop" conducted by Prograd December 2020 Parvathy S Kumar (2018-22) Attended "30 Days GCP" program conducted by GOOGLE. Attended a course "RS and GIS application" conducted by ISRO. Attended a course "Front end developers workshop" conducted by Prograd December 2020 Preethesh K(2018-22) Attended "30 Days GCP" program conducted by GOOGLE. Attended a course "RS and GIS application" conducted by ISRO. Attended a course "Front end developers workshop" conducted by Prograd December 2020 Ajmal Ali K M (2018-22) Participated in "Babylon Project" conducted by World Blockchain Hackathon December 2020 Farhan Najeed (2018-22) Attended "Hero campus challenge season" conducted by Hero Motocorp December 2020 Malavika J (2018-22) Attended a course "RS and GIS applications" conducted by IIRS, ISRO (Dehradun) December 2020 Sneha Varma D (2018-22) Attended a course "RS&GIS APPLICATIONS" conducted by INDIAN INSTITUTE OF REMOTE SENSING(IIRS), ISRO, DEHRADUN November 2020 SINU DAMODARAN, 2019-2023 Got second prize in "Article Writing- Big Data Analytics and Machine Learning in wireless Communication" Conducted by IEEE ComSoc Kerala Chapter November 2020 ANNA PAUL (2018-22) Grabbed 2nd prize in "Cryptics-

2020" ,quiz conducted by IETE Students forum Vidya Academy of Science and Technology November 2020 HARSHIT KUMAR(2018-22) Grabbed 3rd prize in "Cryptics-2020" ,quiz conducted by IETE Students forum Vidya Academy of Science and Technology November 2020 VijayKrishnan(2018-22) Project titled "UV DISINFECTION BOX STERILIZE MOBILE LAPTOPS,MONEY ETC." shortlisted for IIC innovation contest mentoring phase mentored by Er.Anuroop K B,Asst Prof DEPT ECE November 2020 Sreejith S Nair(2017-21) Project titled "HANDHELD UV PORTABLE DISINFECTION SOLUTION" shortlisted for IIC innovation contest mentoring phase mentored by Er.Anuroop K B,Asst Prof DEPT ECE November 2020 Malavika J (2018-22) Project titled "IOT AND ML BASED TRASH BOOTH WASTE MANAGEMENTANDSEPARATION" shortlisted for IIC innovation contest mentoring phase mentored by Er.Anuroop K B,Asst Prof DEPT ECE November 2020 Anantha Krishnan Potty(2016-2020) Project titled "BALTEMGYRATE: PARKINSON'S SPOON FOR TREMORCANCELTION" shortlisted for IIC innovation contest mentoring phase mentored by Er.Anuroop K B,Asst Prof DEPT ECE November 2020 Vyshnav CJ (2019-23) got 1st prize in "Collage making Competition conducted by Department of Civil Engineering on 10/28/2020 November 2020 Pranith S Prabhu (2018-22) Attended "30 Days of Google Cloud Training Program" conducted by Google on 11-05-20. October 2020 Akshay Mohan and Abhishek S Dinil (2016-20 batch) The project titled 'IoT based Smart Inhaler' has been certified as 'Completed' by The Institution of Engineers (India) (IEI) under the guidance of Ms. Arya Paul and Ms. Divya V Chandran October 2020 Greeshma Placed in CYBROSYS October 2020 KRISHNA RAJ K M,2017-21 Done " Excel Automation " by Internship Studio October 2020 SANKALP MOHAN K K,2017-21 Done Campus ambassador internship, conducted by cvDragon October 2020 SANGEETHA PRASAD, 2019-23 Completed "Cybersecurity and the Internet of Things"conducted by Coursera October 2020 ALEENA VARGHESE, 2017-21 Completed " Python For Everybody "conducted by Coursera October 2020 AUSTIN FRANCIS,2017-21 Completed " Python For Everybody "conducted by Coursera October 2020 SEETHAL BENNY, 2019-23 Completed " Introduction to artificial intelligence"conducted by IBM October 2020 ANNA PAUL, 2018-22 Completed " IT Fundamentals for Cybersecurity"conducted by Coursera Became a Google Cloud Fascilitator conducted by Google October 2020 HARSHIT KUMAR, 2018-22 Became a Google Cloud Fascilitator conducted by Google October 2020 HRITHIKA, 2018-22 Completed " Python basics" conducted by Coursera September 2020 Sri Vaishnavi K, Krishna Balachandran [2016- 2020] UG project entitled "IoT Based Plant Monitoring System" bearing Project ID UG2020029 has been successfully carried out and completed by Sri Vaishnavi K, Krishna Balachandran [2016- 2020 ECE] Institutional Member of IEI under the guidance of Mr. Ajay Kumar, Assistant Professor, ECE Department during the FY 2019-20 through funding under IEI R&D Grant-in-Aid Scheme. September 2020 Anagha J (2017-21) Completed " 1.Machine learning foundation:A casestudy approach 2.AI for everyone" conducted by Coursera September 2020 Sangeetha Prasad (2019-23) Completed "1.AI For Everyone 2.Collaborative Robot Safety:Design & Deployment 3.Digital Image Processing 4.A Crash Course in Data Science " conducted by Coursera September 2020 SIVANJANA K K(2018-22) Completed the internship on Machine learning from Internship studio September 2020 Rahul G Krishna(2018-22) Completed "Python for everybody" conducted by Coursera September 2020 Aswani M Ravi(2018-22) Completed "Programming for everybody-getting started with python" conducted by Coursera September 2020 Lakshmi Nandana N R(2018-22) Attended " Python with Django Basics" Conducted by Camino Infotech, CUSAT P O, Kalamassery September 2020 Anantha krishnan S babu,Bibin Varghese (2018-22) Participated for ozone day quiz conducted by NSS Adishankara September 2020 Malavika J (S5 ECB), Suman Menon(S3 M.Tech VLSI), Gokul Krishnan (Alumni ECE dept.) and Deepu Ajay(Alumni ECE dept) . The team of ASIET FAB LAB received "TOP PERFORMER AWARD 2019-20", from Kerala Startup Mission September 2020 Viswesh Parameswaran(2019-2023) Secured 398 th rank in first years' category of National Engineering Olympiad (Basic Science) in final round. August 2020 Mr. Ajay Antony, Ms. Anila A Shenoy(2017-2021) Patent application titled : "User-Device Interfacing Technology with EEG and 3D eye tracking" has been published.Patent Application Published, Application Number- 202041033062, Journal Date- 21/08/2020 August 2020 Arjun S Kumar, Siddharth A J (2018-2022) scored MTA certification in Introduction to programming using Python August 2020 Vyshanv C J (2019-2023) Got first prize in Independance day quiz competition conducted by UC College, Aluva August 2020 AkhilKumar A (2018-2022) Selected as MDC Student ambassador IEEE SPS Young Professional Kerala August 2020 Sivanjana(2018-2022)

Completed "AI for everyone" conducted by Coursera August 2020 Pankaj Kumar Dwivedi (2017-2021) Attended "RF MIND QUIZ(5th)" conducted by GEC Barton hill Thiruvananthapuram August 2020 N, Jithin(2017-2021) Completed "Python Programming", "Satellite Communication", "G Suite", "Cybersecurity" conducted by Coursera August 2020 Jagannath U(2018-2022) 1)Completed "Programming for everybody-getting started with python" conducted by Coursera 2)Completed "Introduction to Machine Learning using Python" conducted by EC Dept ASIET August 2020 Divya D Menon(2018-2022) Completed "IEE Artifact" conducted by IEEE FISAT August 2020 Pranith S Prabhu(2018-2022) Completed "Python Data Structures" conducted by University of Michigan(Coursera) August 2020 Arjun S Kumar 1)Completed "MTA 98-381 EXAM INTRODUCTION TO PROGRAMMING USING PYTHON" conducted by CERTIPORT 2)Completed "Programming for everybody (Python)" conducted by University of Michigan(Coursera) August 2020 Sneha V Iyer 1)Completed "Programming for everybody(Python)" conducted by University of Michigan 2)Completed "Data Scientist's Toolbox" conducted by John Hopkins University(Coursera) August 2020 Siddarth A J 1)Completed "MTA:98:381 Introduction to programming using Python" conducted by Microsoft Technology Associate 2)Attended "Freedom Quiz" conducted by UC college August 2020 Sinu Damodaran 1)Attended "Quiz" conducted by NSS unit no:68 of MES College Marampilly, Aluva, Ernakulam 2)Completed "Programming for everybody(Getting started with Python)" conducted by University of michigan(Coursera) August 2020 Sangeetha Prasad Completed "Programming for everybody(getting started with Python) conducted by Coursea August 2020 Sourav Krishna Completed "Introduction to Industry Cybersecurity tools and Cyber attacks" conducted by IBM August 2020 Sneha V P Completed "Introductio to Industry 4.0 and Industrial Internet of things" conducted by NPTEL August 2020 Sankalp Mohan K K Completed "Campus Ambassador internship)" conducted by Techfest.IIT BOMBAY August 2020 Vishnu V R Completed "Programming for everybody (getting started with python)" conducted by Coursea August 2020 Parvathy S Kumar 1)Attended "Chakravyuh Quiz" conducted by ASIET 2)Attended "Independance day quiz"conducted by NSS cell KMEA college 3)Completed "IOT,smart devices and automation" conducted by Dept of ECE,ASIET August 2020 Hrithika

S Pai Completed "The bits and bytes for computer networking" conducted by Google,Coursea August 2020 Swetha S Completed " Programming for everybody(getting started with python)" conducted by Coursera August 2020 Seethal Benny Completed "programming(getting started with python)" conducted by Coursera August 2020 Nima T A Completed "programming fundamentals conducted by Coursera" August 2020 Sangeetha Prasad Completed "Introduction to HTML5" conducted by Coursera August 2020 Anagha J Completed "AI for everyone" conducted by deeplearning.ai August 2020 Nikhil R Bhat Completed "Programming for everybody(getting started with python)" conducted by Coursera August 2020 Aisha Merin K I Completed "Wireless communication for Everybody" conducted by coursea August 2020 Ashna Baiju Completed "Coursea on Introduction to cloud identity by google cloud" conducted by google cloud(coursera) August 2020 Athulya R Completed "Google IT automation with python" conducted by Coursera August 2020 Christy K Shily Completed "Introduction to Blockchain" conducted by UpGrad June 2020 Ms. Aishwarya Lakshmi T, Mr. Sanal T, Ms. Ramsi Fathima, Ms. Sreelakshmi Anilkumar(2016-2020) Patent application titled : "A Multipurpose Prototyping Machine" has been published June 2020 Ms. Krishna Balachandran, Ms.K Sri Vaishnavi, Ms. Karthika Vijayan, Ms. Likhitha K S Patent application titled : " Design and Development of IoT Assisted Plant Health monitoring" has been published June 2020 Pranith S Prabhu, Karthik J Sudhakar, Abhishek Shine, Sneha Varma, Narayanan Seshan, Malavika J, Megha Jose, Varsha T R, Parvathy S Kumar, Kavya G Padiyar, Preethesh K, Mishal Job, Krishnapriya, Boban(2018-2022) Passed NPTELcourse "Signals & Systems" June 2020 Preethesh K(2018-2022) Completed a course on "Introduction to Internet Of Things and Embedded Systems" On Coursera May 2020 Ms. Gayathri G Shenoy, Ms. AswanyThilakan, Mr. Don Davis(2016-2020) Patent application titled : 'Doily- Sanitary Napkin Vending Machine-Feminine Hygiene' has been published.Patent Application Published, Application Number- 202041020495, Journal Number- 22/2020, Journal Date- 29/05/2020 May 2020 Nirmal V Babu(2019-2023) Completed the courses " Competitive Programming in C++ " conducted by CS Chapter of IEEE SB ASIET from 27 April 2020 to 24 May 2020 and " Career Edge-Knockdown The Lockdown" Offered By:TCS iON from 27 April 2020 to 24 May 2020 May 2020 Sidharth A J (2019-2023)

Completed the courses "Career edge:Knock down the lockdown " conducted by TCS iON , "Climate change : from learning to action " by UNCC: Learn, "Let's Break the chain of Covid 19 Infection"as a part of the MBRU Community Immunity Ambassador Program. May 2020 Vaishnav C J(2019-2023) Completed the courses "Career edge:Knock down the lockdown " conducted by TCS iON , "Climate change : from learning to action " by UNCC: Learn. May 2020 Viswesh Parameswaran (2019-2023) Completed a course on "How to create great online content" By FutureLearn " Learning how to learn" May 2020 Narayanan Seshan(2018-2022) Completed a course on "Introduction to Psychology" On Coursera Completed a course on "AI for everyone" On Coursera May 2020 Santhosh Sivan(2017-2021) Completed a course on "Cyber security and IOT" On Coursera May 2020 Pankaj Kumar Dwivedi(2017-2021) Completed a course on "Programming for everybody (Getting started with python)" On Coursera Completed a course on "Cyber Security and its Ten Domains" On Coursera Completed a course on "Introduction to HTML 5" On Coursera Completed a course on "Programming fundamentals" On Coursera Completed a course on "AI for everyone" On Coursera Completed a course on "Introduction to G Suite" On Coursera May 2020 Rahul Menon A(2017-2021) Completed a course on "Programming for everybody (Getting started with python)" On Coursera Completed a course on "Introduction to satellite communication" On Coursera Completed a course on "python data structures" On Coursera May 2020 Harshit Kumar(2018-2022) Completed a course on "Introduction to satellite communication" On Coursera Completed a course on "Python data structures" On Coursera Completed a course on "Programming for everybody (Getting started with python)" On Coursera Completed a course on "Using Python To access web data" On Coursera Completed a course on "Using Databases with Python" On Coursera Completed a course on "Crash Course on python" On Coursera Completed a course on "Python for everybody Specialization" On Coursera May 2020 V U ANAKHA (2018-2022) Attended an online course on "Fundamentals of Python" from 29/04/2020 to 06/05/2020 organised by Hotari Technologies Attended a webinar on Introduction to Git and GitHub on 28th April, 2020 organised by IEEE CS SBC of IEEE SB ASIET in association with FOSS Cell, ASIET May 2020 VARSHA T R(2018-2022) Attended a webinar on " introduction to robotics" conducted by IEEE women in power of ASIET on 2nd May 2020 Attended webinar on " introduction to artificial intelligence" conducted by IEEE women in power of ASIET on 3rd may 2020 Attended webinar on "kinematics for 4 DOF ROBOTICS manipulator" conducted by IEEE SB UKFCET ON 4TH May 2020 Attended webinar on" simulation and pcb designing using Proteus "on 11th may 2020 May 2020 KAVYA G PADIYAR(2018-2022) Attended a webinar on "introduction to robotics" conducted by IEEE women in power of ASIET on 2nd May 2020 Attended webinar on "introduction to artificial intelligence" conducted by IEEE women in power of ASIET on 3rd may 2020 Attended webinar on "kinematics for 4 DOF ROBOTICS manipulator"conducted by IEEE SB UKFCET ON 4TH May 2020 Attended webinar on "simulation and pcb designing using Proteus" on 11th may 2020 April 2020 Mr.Amal Pradeep, Ms.Gayathri G Shenoy,Ms Arya S Nair , Mr.Arjun N K Foodvid app is developed by Mr.Amal Pradeep(EC), Ms.Gayathri G Shenoy(EC),Ms Arya S Nair(EC),Mr.Abhijith (CS) ,Mr.Jaganat(CS) and design team members Mr.Arjun N K(EC), Mr.Vidhu(CS). It is an online shopping service that helps you to buy essential products from shops near to you and get it delivered at your doorstep. April 2020 Sreelekshmi Anilkumar, Aiswarya Lakshmi T ,Ramsi Fathima and Sreehari Soman Sreelekshmi Anilkumar, Aiswarya Lakshmi T ,Ramsi Fathima and Sreehari Soman (2016-2020 Batch ,mentored by Prof.Anuroop executed a project 'Hygieia'- a Safe Step to resist COVID-19 March 2020 Sreehari Soman, Sreejith S Nair, Lizbeth Shaji, Surya Paul, Nandharaj V.A, Rizwan The team ASIET SQUAD with Sreehari Soman, Sreejith S Nair, Lizbeth Shaji, Surya Paul, Nandharaj V.A, Rizwan from ECE Dept, mentored by Prof. Anuroop K.B, was selected into the final 15 of Reboot Kerala from 200 entries and was awarded the Special Jury Award for their project named 'Dam+91' in the category of water. March 2020 Mr.Harikrishnan Our Alumni Startup venture Machbee incubated at Adi Shankara TBI got an exclusive opportunity to present their innovative product Intelligent Cooking Stove with Sri R Ramanan (Mission Director, Atal Innovation Mission) in the presence of Padma Sri Dr V R Gowrishankar (Administrator & CEO, Sringeri Mutt). In addition Machbee also receive full funding and R&D support from Atal Incubation Centre-JITF, Bangalore March 2020 Malavika J,Suman Menon,Sreehari Soman, Sreelakshmi Anilkumar Malavika J,Suman Menon,Sreehari Soman, Sreelakshmi Anilkumar secured 1st place for the National Level Technical Quiz and 2nd place

for National level Techathlon organized by ICT Academy of Kerala. They were mentored by Prof. Anuroop K B. This event was open for undergraduate graduate and post graduate students across the country. They got honored by Mr. Sasi, CEO of IT Parks Kerala and Santhosh Chandrasekara Kurup - Chief Executive Officer - ICT Academy of Kerala. They also received a funding support of INR 25,000/- March 2020 Aiswarya Lakshmi T, Ramsi Fathima, Sreelakshmi Anilkumar Aiswarya Lakshmi T, Ramsi Fathima, Sreelakshmi Anilkumar under the guidance of Prof. Anuroop K B secured 1st place and cash prize of Rs.25000/- for the Business Plan Challenge for Woman organized by Atal Incubation Centre, Jyothi Institute of Technology, Bangalore. The team has also been shortlisted for Seed funding of a sum up to 20 Lakhs & Incubation support offered by Atal Incubation Centre-JITF, Bangalore March 2020 Mr. Akhilkumar A He selected as the Section Ambassador of IEEE Programming League (an IEEE CS SYP Initiative). March 2020 Abhishek S Dinil, Anupam Sunil, Ayswarya S Kumar (2016-20) IEI funding for final year project, MOOC course certified. March 2020 Ms. Krishna Priya Boban Selected as WIE Coordinator, IEEE ComSoc Kerala Chapter. March 2020 Deepu Ajay, Gokul Krishnan S and Abhinav Subhash Jayakrishnan, Alumni (2015-2019 batch Deepu Ajay, Gokul Krishnan S and Abhinav Subhash Jayakrishnan, Alumni (2015-2019 batch) has developed a low cost disinfection box using UV filtering. The product was made under the guidance of Prof. Anuroop K B. The product is capable of disinfecting objects that we use in our day-to-day life such as money, mobile phone, wallet, ppe equipments such as gloves and masks. February 2020 Nirmal V Babu, Sangeetha Prasad and Joyal Joy Nirmal V Babu, Sangeetha Prasad and Joyal Joy of S2 ECB have secured second prize for micro project titled Generating fuel from plastic waste. February 2020 V Kavyalakshmi (2016-20) Won first prize for the event Bamboozled Competition in Brahma 2020 February 2020 Ms. Katherine T Jose Ms. Katherine T Jose of S2 ECB has won third position for women's long jump in KTU state university athletic meet at Trivandram. January 2020 Sriram Suresh (2016-20) Participated in National Level Project Expo Srishti 2020 January 2020 Merin Teres Jojo (2016-20) Participated in Srishti 2020 project expo Participated for Business plan by ATAL Incubation center at Jyothi Engineering College, Karnataka December 2019 Mr. Dhanush Damodaran, Ms. Anagha Mohan, Mr. Akshay K S, Mr. Akshay Divakar, Mr. Balakrishnan R, and Mr. Ajay Antony Mr. Dhanush Damodaran, Ms. Anagha Mohan, Mr. Akshay K S, Mr. Akshay Divakar, Mr. Balakrishnan R, and Mr. Ajay Antony successfully completed NPTEL course on "Python for Data Science" and got Certification. December 2019 V S Aswin (2016-20) Member of ASIET cricket Team, which won KTU zonal cricket tournament 3rd prize. December 2019 Ms. Priyanka P S, Ms. Likhitha K S, Ms. Krishna Balachandran, Ms. Gopika G B, Mr. Dennis Rockey and Ms. Chanjal J Ms. Priyanka P S, Ms. Likhitha K S, Ms. Krishna Balachandran, Ms. Gopika G B, Mr. Dennis Rockey and Ms. Chanjal J successfully completed NPTEL course on "Introduction to Internet of things" and got Certification. December 2019 Ms. M Radhika Ms. M Radhika successfully completed NPTEL course on "The Joy of Computing Python" and got Certification. December 2019 Shahala Shanavas (2016-20) Obtained Elite Certificate for NPTEL course on Internet of things. December 2019 Linsa Mary Varghese (2016-20) Obtained NPTEL certificate for course - Internet of Things. November 2019 Don Davis Don Davis of S7 EC (2016-2020) participated in the KTU Football open trials conducted at TKM College, Kol-lam. He has been selected as KTU re-serve player. November 2019 Livin Varghese and Pankaj Kumar Dwivedi Livin Varghese and Pankaj Kumar Dwivedi of third year ECB has got Elite certification in NPTEL course on Digital Circuits November 2019 Krishnapriya K Krishnapriya K of S3 MTech VLSI & ES selected as Project Intern at Sig-tech Wireless Technologies (P) Ltd, Technopark, Trivandrum. November 2019 K SriVaishnavi (2016-20) Volunteered for IEDC summit 2019 at Sahridaya College Best campus Ambassador of National Event Aurora'19 at ToCH College October 2019 Siddharth A J Siddharth A J of first year ECB has got Elite certification in NPTEL course on Global Navigation Satellite Systems and applications. September 2019 Aswathy Babu Ms. Aswathy Babu of S3 ECE attended the one week (from 9th to 16th Sept. 2019) Foreign Technical Immersion Program 2019 (FTIP) at the Australian University, Swinburne University of Technology, Sarawak campus in Malaysia. The sessions mainly focused on IoT, Node MCU, & Data collection and PixyCam. JUNE 2019 Krishna Prasad, Sajith P S, LakshmiMadhu, Priya P N The Students' Project titled "Multiple Eye Diseases Detection using Deep Convolutional Neural Network" by Krishna Prasad, Sajith P S, LakshmiMadhu, Priya P N, guided by Ms. Neema M won a fund amount of Rs.

23,900/- from CERD. JUNE 2019 Harikrishnan S, Joseph George, Jwala S , Sandeep The Students' Project titled "HAUY-A Braille Assist" Harikrishnan S, Joseph George, Jwala S , Sandeep, guided by Mr.Albins Paul (co-guided by Mr. Ajay Kumar) won a fund amount of Rs. 26,500/- from CERD JUNE 2019 AbhinavSubhash ,Gokul Krishnan, Deepu Ajay , Amal Joseph. The project titled "Infinity Printer" has been sanctioned an amount of Rs. 15,000 by The Institution Of Engineers(India)(IEI). The team members are: AbhinavSubhash ,Gokul Krishnan, Deepu Ajay , Amal Joseph. They are mentored by Dr. N Hariharan and Mr.Anuroop K B JUNE 2019 Mr.Adarsh Varma, Mr.Don Raju, Mr.Chandrakanth K M and Mr.Amal V L The project titled "Real Time Waste Segregation" has been sanctioned an amount of Rs. 10,000 by The Institution Of Engineers(India)(IEI). The team members are: Mr.Adarsh Varma, Mr.Don Raju, Mr.Chandrakanth K M and Mr.Amal V L They are mentored by Ms Arya Paul. MARCH 2019 Asish J Poonelil, Ramsankar K R, Jeevan Suresh and Nithin S The Idea presented Asish J Poonelil, Ramsankar K R, Jeevan Suresh and Nithin S got selected in Your Own Idea fest MARCH 2019 Jagannath U, Pranith S Prabhu and Jibin Jagannath U, Pranith S Prabhu and Jibin won the First prize in Poster competition themed 'Stop the Drip', conducted by Department of Mechanical Engineering. The Poster competition was part of the awareness program titled "April Cool". MARCH 2018 JisnaSiby, N Ananthakrishnan, M Gowri, SreeVaishnavi (2016-20 batch) Special Jury award, A P J Abdul Kalam Innovation Challenge May4th 2018 Jophin George, Krishnaprasad, NanduriVenkataSashank, Priya P N, Shankar K So-man, Srinivas S Pai, , Jophin George, Krishna prasad, Nanduri Venkata Sashank, Priya P N, Shankar K Soman, Srinivas S Pai, , won Special Mention in the final round of the nation-wide "Touch the Jovian Moon" contest organised by ISRO on May4th 2018. JUNE 2018 AbhinavSubhash, Gokul Krishnan , Deepu Ajay , Amal Joseph , Manu Mohan The project titled "Baltem Gyrate" won Rs. 5 lakhs grant as Phase -1 Idea Day Grant. APRIL 2018 M Gowri , M Radhika M Gowri , M Radhika Participated in the inter-collegiate debate "Speak for India-Kerala edition 2018" com-petition held by Mathrubhumi in association with Federal Bank. March 24th 2018 JisnaSiby, K Sri Vaishnavi, N Ananthakrishnan Potti and Sriram Suresh. The project titled "LUMI CR500" was shortlisted for Idea Grant Day Competition held at Rajagiri School of Engg. & Technology on March 24th 2018.

Month & Year Faculty Achievement June 2024 Ms. Neethu Suman Completed Five Day FDP cum Hands on Workshop on Wireless Communication Technologies for Beyond 5G Systems from 24 to 28 June 2024, organized by Dept. of Electronics and Communication, Indian Institute of Information Technology, Kottayam. June 2024 Ms. Reshma Lakshmanan Completed Five Day FDP cum Hands on Workshop on Wireless Communication Technologies for Beyond 5G Systems from 24 to 28 June 2024, organized by Dept. of Electronics and Communication, Indian Institute of Information Technology, Kottayam. June 2024 Ms. Reshma Lakshmanan Resource person in 3-day Laboratory staff skill upgradation Workshop on "IoT and Antenna Dynamics: Bridging the Wireless World" organized by Electronics and communication department of ASIET, Kalady June 2024 Ms. Aswathy N Served as theCourse coordinator and Course Instructor for the Certification Courses VLSI Design Flow, VLSI Testing and EDA Tools organized by RIG VLSI Group June 2024 Ms. Neetha K Attended 1 month certificate program organized by SkillDzire & AICTE June 2024 Dr. Resmi N C Completed course on "Python for Beginners" by Great Learning Academy May 2024 Ms. Neetha K Got NPTEL Certification on "Optical Wireless Communications for Beyond 5G Networks and IoT" May 2024 Ms. Sreesubha Gopi Got NPTEL Certification on "Problem solving through Programming In C" May 2024 Ms. Archana Aniyam Got NPTEL Certification on "Optical Wireless Communications for Beyond 5G Networks and IoT" May 2024 Ms.Anju George Got NPTEL Certification on " Design and Analysis of VLSI Subsystems" April 2024 Dr. Resmi N C Reviewer for International Conference on Distributed Computing and Optimization Techniques (ICDCOT-2024) April 2024 Ms. Neethu Suman Reviewer in the First International Conference on Trends in Engineering Systems and Technologies (ICTEST 2024) April 2024 Dr. Resmi N C Resource Person for Workshop on "Mastering LaTeX: A student's guide to Effective Report Writing and Paper Publication" April 2024 Ms. Reshma lakshmanan Resource Person for Workshop on

"Mastering LaTeX: A student's guide to Effective Report Writing and Paper Publication" April 2024 Ms. Aswathy N Reviewer for International conference for Distributed Computing and Optimization Technique April 2024 Dr. Ajay Kumar Resource person for five days online Faculty Entrepreneurship Development programme-Emmergeinnovate organized by Mahaguru institute of Engg and Tech April 2024 Dr. Rahul krishnan Obtained a consultancy work worth Rs. 30,000/- rupees on the topic Title: "Design of the UWB antenna for Indoor wireless Device" from Techpower Solutions, Chennai April 2024 Dr. Ajay Kumar Obtained a consultancy work worth Rs. 30,000/- rupees on the topic Title: "Design of the UWB antenna for Indoor wireless Device" from Techpower Solutions, Chennai April 2024 Ms. Reshma lakshmanan Obtained a consultancy work worth Rs. 30,000/- rupees on the topic Title: "Design of the UWB antenna for Indoor wireless Device" from Techpower Solutions, Chennai March 2024 Dr. Ajay Kumar Awarded an Indian Patent for "IoT-Enabled Urban Environmental Monitoring with Wireless Sensor Network "[Application No. No.201941053048 A ,The Patent Office Journal No. 52/2019]. March 2024 Dr. Bipin P R Awarded an Indian Patent for "IoT-Enabled Urban Environmental Monitoring with Wireless Sensor Network "[Application No. No.201941053048 A ,The Patent Office Journal No. 52/2019]. March 2024 Dr. Ajay Kumar Served as the resource persons for Faculty Professional Enrichment Program titled "A Guide to Publication, Indexing, and Funding" March 2024 Ms. Neema M Served as the resource persons for Faculty Professional Enrichment Program titled "A Guide to Publication, Indexing, and Funding" March 2024 Ms. Reshma Lakshmanan Served as the resource persons for Faculty Professional Enrichment Program titled "A Guide to Publication, Indexing, and Funding" February 2024 Dr. Bobby Mathews C Awarded an Indian Design Patent for the design of an "IoT Based Smart Cholesterol Monitoring Device". February 2024 Ms. Aswathy N Reviewer for 2nd International Conference on Integrated Circuits and Communication System February 2024 Ms. Neema M Served as the resource person for Uddyodana 2k24 a two day workshop for higher secondary mathematics, physics, and computer science teachers February 2024 Dr. Rahul Krishnan Served as the resource person for Uddyodana 2k24 a two day workshop for higher secondary mathematics, physics, and computer science teachers February 2024 Ms. Arya Paul Served as the resource person for Uddyodana 2k24 a two day workshop for higher secondary mathematics, physics, and computer science teachers February 2024 Ms. Neema M Reviewer for First International Conference on Trends in Engineering systems and Technologies (ICTEST) 2024 organised by Model Engineering College, Thrikkakkara February 2024 Dr. Bipin P R Served as the resource person for a 2-day workshop on Machine Learning using Python at Rajadhani Institute of Engineering and Technology, Attingal February 2024 Mr. Manesh V M Served as the resource person for a 2-day workshop on Machine Learning using Python at Rajadhani Institute of Engineering and Technology, Attingal February 2024 Mr Manesh V M Published a conference paper titled "Detection of Human Pancreatic Cancer using ML and DL Model: A State-of-the-Art Review" in 2023 Annual International Conference on Emerging Research Areas: International Conference on Intelligent Systems (AICERA/ICIS) February 2024 Ms. Neetha K Completed Micro Soft,SAP, & AICTE led Faculty Development Program on AI Evolution: From Foundations Generative AI February 2024 Ms Neema Vijayan Completed FDP on "Universal Human Values" February 2024 Ms. Vidya V Completed FDP on "Universal Human Values" February 2024 Mr. Jayesh T P Completed FDP on "Universal Human Values" February 2024 Ms. Reshma Lakshmanan Completed FDP on "Universal Human Values" February 2024 Ms. Neetha K Completed FDP on "A Comprehensive Exploration of Cognitronics by Unravelling on Technologies January 2024 Mr. Prasanth P Menon Completed ATAL Faculty Development Program on "Under water Robotics - Research Applications" at KMEA Engineering College from 15th to 20th January 2024. January 2024 Mr. Prajeesh P A Completed ATAL Faculty Development Program on "Under water Robotics - Research Applications" at KMEA Engineering College from 15th to 20th January 2024. January 2024 Ms. Anju George Completed ATAL Faculty Development Program on "Under water Robotics - Research Applications" at KMEA Engineering College from 15th to 20th January 2024. January 2024 Ms. Arya Paul Completed ATAL Faculty Development Program on "Under water Robotics - Research Applications" at KMEA Engineering College from 15th to 20th January 2024. January 2024 Ms. Aswathy N Completed ATAL Faculty Development Program on "Exploring Explainable and Generative AI in Contemporary Machine Learning" at ASIET, Kalady from 15th to 20th January 2024. January 2024 Dr. Ramu R Completed ATAL Faculty Development

Program on "AI - Driven Semiconductor Technology" at Rajadhani Institute of Engineering and Technology, Attingal from 15th to 20th January 2024. January 2024 Mr. Manesh V M Completed ATAL Faculty Development Program on "AI - Driven Semiconductor Technology" at Rajadhani Institute of Engineering and Technology, Attingal from 15th to 20th January 2024. January 2024 Ms. Savitha Raghavan Completed ATAL Faculty Development Program on "AI - Driven Semiconductor Technology" at Rajadhani Institute of Engineering and Technology, Attingal from 15th to 20th January 2024. January 2024 Mr. Albins Paul Completed ATAL Faculty Development Program on "Research Applications in Artificial Intelligence and Machine Learning" at SJCT, Palai from 8th to 15th January 2024. January 2024 Dr. Ajay Kumar Reviewer of 2024 IEEE Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS). December 2023 Dr. Ajay Kumar Submitted proposals totaling 28 lakhs for the SERB-SURE grant. The proposals focus on the design and development of an AI-based tool for predicting mental and behavioral disorders. December 2023 Dr. Rahul Krishnan Published a paper titled "Enhancing accessibility: object detection and optical character recognition for empowering visually impaired individuals" on IET Digital library (DOI: 10.1049/icp.2023.2893). December 2023 Dr. Reshmi N C Attended a Faculty Development Program on Building Advanced Data Analytics Applications with Cloud. December 2023 Ms. Aswathy N Reviewer in ICIICS -2023 conference. December 2023 Dr. Rahul Krishnan Served as the resource person for 5 day workshop on "Antenna design techniques for various applications", organised by Dept of ECE, CARE College of Engineering, Tiruchirappalli. November 2023 Ms. Aswathy N Led an insightful session on the 'Future of Electronics beyond CMOS' as the Resource Person at Albertian Institute of Science and Technology on November 21st, 2023. November 2023 Mr. Manesh V M Delivered a presentation on a paper titled "Detection of Human Pancreatic Cancer using ML and DL Model: A State-of-the-Art Review" at the Annual International Conference on Emerging Research Areas: International Conference on Intelligent Systems (AICERA: ICIS 2023). November 2023 Mr. Albins Paul Reviewer for the IEEE international conference RASSE 2023 November 2023 Ms. Reshma Lakshmanan Published a research paper titled "Effective Antenna Design on Flexible Substrates" in the International Journal of Microwave and Optical Technology (Vol. 18, No. 6, November 2023). November 2023 Mr. Albins Paul Got appreciation certificate for the mentorship during the ASIET-Suyati Industry Academia Program for the year 2022-23. October 2023 Mr. Manesh V M Registered a patent for "Artificial Intelligencebased Delivery Robotic Device" by the Intellectual Property Office, United Kingdom.

October 2023 Mr. Albins Paul Attended a Workshop on Machine Learning with Tensor Flow. October 2023 Dr. Rahul Krishnan Served as the resource person for 5 days International level online workshop on "Smart Antennas - The Design Perspective using CST Studiosuite Software", organised by Dept of ECE, SA Engineering College, Chennai October 2023 Dr. Resmi N S Attended a Faculty Development Program on Communication & Robotics System Modeling with MATLAB & SIMULINK and participated in the CoreEL Edu Summit October 2023 Ms. Neetha K Participated as TPC member and reviewer in 5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering and Technology - ICSISCET 2023 21-22 October 2023 Madhav Institute of Technology and Science, Gwalior September 2023 Ms. Divya V Chandran Participated as Program Committee Member & Reviewer in 2nd International Conference on ADCIS 2023 Sep 21-23 2023, BITS PILANI August 2023 Dr. Ajay Kumar Chief Investigator for the project titled "Development of digital networking for preventive and predictive environmental and climatic warning solutions - Building an Entrepreneurial ecosystem for addressing Environmental Issues" received a research fund of Rs. 2.98 Crore from the Ministry of Electronics and Information Technology (MeitY), Government of India August 2023 Mr. Albins Paul Co-Investigator for the project titled "Development of digital networking for preventive and predictive environmental and climatic warning solutions - Building an Entrepreneurial ecosystem for addressing Environmental Issues" received a research fund of Rs. 2.98 Crore from the Ministry of Electronics and Information Technology (MeitY), Government of India August 2023 Dr. Rahul Krishnan Shortlisted for the CERC RSM Funding Presentation August 2023 Ms. Jaimy James Shortlisted for the CERC RSM Funding Presentation August 2023 Ms. Neetha K Shortlisted for the CERC RSM Funding Presentation August 2023 Dr. Bipin P R Served as the resource person for

the Add-on Course on Machine Learning and Data Science using Python, specifically designed for students in the Biomedical Engineering program at Sahradaya College of Engineering and Technology. August 2023 Dr. Bipin P R Published a paper titled "Automated biomedical image classification using multi-scale dense dilated semi-supervised u net with CNN architecture" in Journal: Multimedia Tools and Applications, Springer, United States, a Q1 Journal. August 2023 Dr. Bobby Mathews C Selected to the Board of Studies, Electronics and Communication Engineering of APJ Abdul Kalam Technological University. August 2023 Dr. Ramu R Completed Faculty Development Program on "Intelligent Connections: Exploring the Synergy of AI and IoT Devices" at Mar Baselious Institute of technology and Science (MBITS) from 17th to 19th August 2023 August 2023 Mr. Manesh V M Completed Faculty Development Program on "Intelligent Connections: Exploring the Synergy of AI and IoT Devices" at Mar Baselious Institute of technology and Science (MBITS) from 17th to 19th August 2023 August 2023 Ms. Archana Aniyar Successfully completed Faculty Development Program(FDP) on "VLSI to System Design:Silicon to End Application Approach" organized by AICTE, Arm Education and STMicroelectronics from July 31st to August 4th 2023 August 2023 Ms. Aswathy N Successfully completed Faculty Development Program(FDP) on "VLSI to System Design:Silicon to End Application Approach" organized by AICTE , Arm Education and STMicroelectronics from July 31st to August 4th 2023 July 2023 Ms. Neetha K Selected as the TPC member and reviewer at Soft Computing Research Society from 29th to 30th July 2023 July 2023 Ms. Aswathy N Selected as the Reviewer of First International IEEE Conference organized by Kalpataru Institute of Technology, Triptur in association with IEEE Bangalore Section from 28th to 29th July 2023. June 2023 Ms. Arya paul, BEST PROJECT AWARD for Project titled "Integrated Intelligent Surveillance using Deep Learning" in project exhibition ASPERIN'23 May 2023 Divya V Chandran Reviewer and TPC member for the International Conference on Paradigms of Communication, Computing and Data Analytics (PCCDA-23) organized by Soft Computing Research Society May 2023 NEETHA K Got NPTEL Certification on "Evolution of air interface towards 5G" May 2023 JAIMY JAMES Got NPTEL Certification on "Principles of signals and systems" March 2023 Dr. Ajay Kumar,Albins Paul Selected for funding of Rs. 18250 from Cerd SPS for their project, Implementation of 2 - Way Interactive Digital Notice Board. February 2023 Dr. Ajay Kumar, Arya paul, Albins paul The paper "A Secured framework against DDOS attack in wireless networks" is published in Springer "intelligent cyber-physical systems and internet of things" 2022. engineering cyber-physical systems and critical infrastructures, vol 3. springer, cham. https://doi.org/10.1007/978-3-031-18497-0_55 February 2023 Dr. V T Gopakumar Project proposal submitted to KTU Research Seed Money (RSM) scheme 2022 by Dr. Gopakumar is selected with funding of *Rs90,000/- (Ninety Thousand Only)* January 2023 Dr. V T Gopakumar Wrote and published the book titled: "14.0 Reference Guide for Transforming Academics by 2030". January 2023 Aswathy N Appreciation for achieving IEEE Regional Exemplary Student Branch Award consecutively for three years. December 2022 Jaimy James Published a paper "A Survey on VLSI Architecture and Design for Data Compression" December 2022 Dr. Bobby Mathews, Dr. Arya Devi, Divya V chandran, Remya Ramesh Filed a patent on project titled "VEG DOC" (Patent file number- 202241060615), Published on 18/11/2022. August 2022 Dr. Prameela B Published a paper titled "Mixer Design for Global Navigation Satellite System" in Grenze International Journal of Engineering and Technology August 2022 Dr. Prameela B Published a chapter titled "Mixer Design for Global Navigation Satellite System" in the proceedings of SRISHTI 2022 with ISBN ISBN- 978-93-5680-852-2 August 2022 Dr. Prameela B Presented a paper titled "Complex IF filter for GNSS applications" in IEEE sponsored ICNGIS 2022 August 2022 JAYESH T P Ph. D admission in KALASALINGAM University, August 2022 Albins Paul , Arya Paul Sanctioned an amount of Rs.200,000 for the proposal to conduct a Faculty Development Programme on "Deep Learning & ML Applications in Computer Vision", from 12th December to 16th December 2022. June 2022 Neetha K Reviewer for IEEE CONFERENCE ON APPLIED INTELLIGENCE AND COMPUTING (AIC 2022), Rajkia Engineering College, Sonabadra, India. June 2022 Dr. Prameela Ph.D Awarded, CUSAT, Kerala Presented a paper along with Sukanya M G (S4 M Tech-VLSI); ACT 22 conference; The IDES and the Association of Computer Electrical Electronics and Communication Engineers (ACEECOM) June 2022 Dr. Ajay Kumar Bagged best paper award alongwith Hasna Hameed (S4 M Tech-CE); for the paper titled; "AN IOT-

BASED SYSTEM FOR HEALTH MONITORING AND SURVEILLANCE IN POST-COVID LIFE" in Third International Conference on Materials, Computing & Communication Technology ICMCCT 2022, Annai Vailankanni College of Engineering, AVK Nagar, Pottalkulam June 2022 Dr.V T Gopakumar Attended OPTICA (formerly OSA) "INNOVATION SCHOOL"; Washington DC, USA. May 2022 Prajeesh P A Published Research Paper; "Design of automated stethoscope using AI,IOT and Signal processing "published in Springer Lecture series; Int. Conf. ESIC 2021, Publisher Name Springer, Singapore Print ISBN 978-981-16-9487-5 Online ISBN 978-981-16-9488-2. May 2022 Dr. Bobby Mathews C Completed a Short Term Training Program (STTP) on Training of Trainers on Ecosystem based Disaster Risk Reduction and Climate Change Adaptation; conducted by the United Nations. May 2022 Dr.Ajay Kumar Delivered a session; "Internet of Things-A network layer perspective"; SCMS,Karukutty May 2022 Prasanth P Menon NPTEL Elite Certification in Photonic Integrated circuits May 2022 Divya V Chandran Published a paper "Change Detection & Flood Water Mapping from Remotely Sensed Images- A survey," International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), 2022, pp. 1601-1606, DOI: 10.1109/ICSCDS53736.2022.9761015. April 2022 Aswathy N & Anju George Guided Project; "MED-MATE"; Selected for student project under CERD funding by KTU (Rs. 12000/-) April 2022 Prameela B Guided Project; "Mixer Design for GlobalNavigation Satellite System"; bagged II Prize at SRISHTI '22, Saintgits College of Engg, Kottayam. April 2022 Neetha K Completed online course on Wireless Communications Onramp April 2022 Divya V Chandran Completed Master's class on Python Programming at Pantech e-Learning Pvt Ltd.Chennai April 2022 Jayesh T P Attended Faculty Development Program; "3D Printing & Additive manufacturing"; Musaliar College of Engineering andTechnology, Pathanamthitta April 2022 Dr.V T Gopakumar Attended "Photonics Spectra Spectroscopy Conference" organized by Photonics Media; USA (online). Reviewed "OPTICA women Scholarships 2022" April 2022 Prameela B Reviewed articles for the International Journal of Microwave and Wireless Technologies March 2022 Anuroop K B Won Second Prize in "Art of Teaching" competitionconducted exclusively for all faculty members by GTECH (Group ofTechnology Companies, Kerala) in association with KTU. March 2022 Dr. Bobby Mathews C Selected as Technical Member for the Evaluation Panel - Darsana - IGNITE 2022 March 2022 Dr. Bobby Mathews C, Divya V Chandran, Jayesh T P Participated in Faculty Development Programme on "Artificial Intelligence & Machine Learning"; KMCT College of Engineering for Women. Calicut March 2022 Aswathy N Published a paper titled "'Review on role of nanoscale HfO2 switching material in resistive randomaccess memory device"; Emergent Materials; Springer Nature; February 2022 February 2022 Dr. Bobby Mathews C Participated in NIPAM - National Intellectual

Property Awareness Mission Participated in 32nd Annual State Faculty Convention under ISTE, KERALA Section February 2022 Divya V Chandran Published a paper titled; "Vegetation Scanning Using LiDAR-Based Drone"; International Journal ofScientific Research in Computer Science, Engineering and Information Technology February 2022 Sreerag M Coordinated awareness Programme on Intellectual Property Rights under the National Intellectual Property Awareness Mission (NIPAM) for the students and staff members of ASIET January 2022 Neethu Suman Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Advancement of Digital Health and Medical Innovations during Pandemic"; Model Engineering College. January 2022 Aswathy N Attended IEEE Annual General Meeting 2021 Kochi subsection January 2022 Anju George, Aswathy N Presented a research paper; " Implementation of a Multitudinous Face Recognition using VOLO. V3"; Fourth International Conference (ICMSS) - Published in IEEE Xplore December 2021 Prameela B Presented a research paper titled "A feed-forward gain enhancement technique in a narrowband low noise amplifier using active inductor" in AVES '21; S. V National Institute of Technology, Surat. December 2021 Anuroop K B Got selected for the Ph.D program at IIIT KOTTAYAM. November 2021 Dr.V T Gopakumar Attended; Bio Photonics Conference in Photonics Media, Massachusetts, USA (Online). November 2021 Prajeesh P A Published a paper titled "Design of automated stethoscope using AI, IoT and Signal Processing"; International conference on ESIC 2021; KIIT Bhubaneswar November 2021 Neema M Published paper titled "User Spatial Localization for Vision Aided Beam Tracking based Millimeter Wave Systems using Convolutional Neural Networks"; 10th International Conference on Information and Automation for Sustainability (ICIAfS), 2021, pp. 7-12, doi:

10.1109/ICIAFS52090.2021.9605 960 November 2021 Neethu Suman Attended STTP Training program on Virtual Labs by Nodal centre ASIET , Kalady in association with Participating Institute NITK Surathkal November 2021 Aswathy N Attended STTP; "Introductory course on Magnetic Random Access Memory"; SP I N T E C, Univ. Grenoble Alpes, CEA, CNRS November 2021 Jaimy James Poovely, Chinnu S Presented paper titled; "A Survey on VLSI Architecture And Design for Data Compression"; Department of Robotics Engineering, Karunya Institute of Technology and Sciences, October 2021 Dr. Bobby Mathews C Resource person in ATAL FDP; MES Kuttippuram October 2021 Dr. VT Gopakumar Attended Conference ETOP (2021 Education and Training in Optics and Photonics by Optical Society of America October 2021 Prameela B Served as reviewer for 9th APACE, The 2021 IEEE Asia Pacific Conference on Applied Electromagnetics (APACE2021) October 2021 Prajeesh P A, Aswathy N, Anju George, Dr. Bobby Mathews C, Dr. Gopakumar V T Resource person for Workshop on Prevailing Technologies in VLSI, Embedded systems, Photonics & Fiber optics and IOT; Department of ECE; ASIET October 2021 Dr Ajay Kumar Attended Faculty Development Program(FDP); "Internet of Things and its Application"; Gujarat Technological University - Graduate School of Engineering and Technology. October 2021 Aswathy N Presented a research paper; "Future Nonvolatile Memory Technologies: Challenges and Applications"; 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems; 2021. (ACCESS '21) Core Committee Member of 3rd International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021) Presented a research paper; "A New Hardware Architecture for FPGA Implementation of Feed Forward Neural Networks"; 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems; 2021. (ACCESS '21) October 2021 Savitha Raghavan, Anjana S, Neetha K, Albins Paul Selected for Part time PhD Programme under Abdul Kalam Technological University. September 2021 Dr. Ragesh G K, Dr. V T Gopakumar, Dr. Bipin P R, Dr. Ajay Kumar, Dr. Bobby Mathews C Chaired and Co-Chaired sessions in the AICTE & IEEE Sponsored 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems; 2021. (ACCESS '21). September 2021 Dr. Ragesh G K, Dr. V T Gopakumar, Dr. Bipin P R, Dr. Ajay Kumar, Dr. Bobby Mathews C, Neema M, Dr. Suraj Damodaran, Dr. Arya Devi P S, Arya Paul, Prameela B, Anju George, Aswathy N Reviewer for the AICTE & IEEE Sponsored 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems; 2021. (ACCESS '21). September 2021 Dr. Suraj Damodaran "Publication Chair" of the AICTE & IEEE Sponsored 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems; 2021. (ACCESS '21). Received Certificate of Reviewer Recognition for IEEE SCI Journal Presented a paper entitled "Design and Implementation of Desired Interaction Yielding Fractional-Order Controller With Application to Wheeled Mobile Robot" ; AICTE & IEEE Sponsored 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems; 2021. (ACCESS '21). September 2021 Prameela B Attended FDP; "ASIC DESIGN FOR DRIVING DIGITAL INNOVATIONS IN NEXT GEN PLATFORM" September 2021 Neethu Suman Successfully completed NPTEL course on "The Joy of Computing using Python" with Elite Certificate September 2021 Neetha K Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "'AI Enabled IoT Network" September 2021 Divya V Chandran Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Hyper spectral remote sensing and its applications. Reviewer in the 4th International Conference on Big Data and Cloud Computing September 2021 Aswathy N Attended online training on IEEE Xplore September 2021 Archana Aniyar Attended ATAL FDP on "Research Issues in VLSI Design and Testing" September 2021 Neema M Attended FDP on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB September 2021 Savitha Raghavan, Anjana S, Anjaly Gopinath, Prajeesh P A Participated in tutorial talks of the AICTE sponsored International Conference September 2021 Anjana S, Anjaly Gopinath Attended Atal FDP on AI Enabled IOT Networks August 2021 Prajeesh P A Paper titled 'Design of an automated stethoscope using AI, IOT and signal processing is provisionally selected for 2nd international conference on Electronic system and intelligent computing (ESIC 2021) August 2021 Dr. Suraj Damodaran Reviewer of 4th International Conference on Microelectronics Signals and systems (ICMSS'21) Reviewer of the International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME); Mauritius August 2021 Neethu Suman

Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "AI applications in Biomedical Engineering". Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Faculty Development Program on Telemedicine" Attended Online STTP on "Machine Learning and Deep Learning with Deployment" August 2021 Neema M Published a Paper titled "Data Driven Approach for mmWave Channel Characteristics Prediction Using Deep Neural Network"; Wireless Personal Communications (2021).

<https://doi.org/10.1007/s11277-021-08768-7> July 2021 Dr. Ragesh GK Undergone Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE July 2021 Divya V Chandran Completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Application of Artificial Intelligence on Geospatial Data" July 2021 Dr. VT Gopakumar Attended Optical Fiber Communication Conference (OFC), web conference format, Optical Society of America, IEEE Photonics Society, IEEE Communication Society; (San Diego, California, USA) Attended Webinar on RF over Fiber (IEEE Pune Communication Society July 2021 Dr. Bobby Mathews C Attended Short Term Training Program (STTP) on Next Generation Wireless Technologies: 5G and Beyond; IGCE, Chandigarh. July 2021 Dr. Suraj Damodaran Got Certificate of reviewer recognition by IEEE Attended Webinar on Participation in the webinar "Reconfigurable Digital Systems: A case for FPGA - Driven Design"; Department of Electrical and Electronics, Adi Shankara Institute of Engineering and Technology, Kalady, Kerala June 2021 Dr. Bobby Mathews C, Archana Aniyar, Savitha Raghavan, Anjana S, Anjaly Gopinath Attended FDP on Innovation Incubation and Research Challenges in India; IES college of Engineering, Thrissur. July 2021 Prajeesh P A, Aswathy N Attended Webinar on Reconfigurable digital system: A case for FPGA driven design; Dept of EEE, ASIET Kalady July 2021 Savitha Raghavan Attended FDP on FDP on 'Deep Learning and Neural Networks'; Mohandas college of engineering and technology. Attended a webinar on "RF over Fiber"; IEEE, Pune Section Communication Society in association with AISSMS INSTITUTE OF INFORMATION TECHNOLOGY, Pune. July 2021 Prasanth P Menon Attended AICTE Training And Learning (ATAL) Academy FDP; "Virtual and Augmented Reality for Robotics"; Vimal Jyothi Engineering July 2021 Neema M Paper titled; 'User spatial localization for Vision aided beam tracking based millimeter wave systems using convolutional neural network'; Accepted in IEEE conference ICIAFs 2021 Resource person for Online STTP; "Machine learning and Deep learning"; Department of ECE, ASIET. July 2021 Aswathy N Selected to the evaluation panel; "The Final Year Project Awards 2021"; IEEE Kerala Section Attended Online Course; "Design of Bulk Nanostructured Metal Materials"; Cousera July 2021 Divya V Chandran Attended KTU sponsored FDP; "Deep Learning and Neural networks"; Mohandas College of Engineering & Technology. Attended Online Short Term Training Programme (STTP); "Machine Learning and Deep Learning with Deployment"; ASIET Kalady. July 2021

Neetha K Attended FDP on ATAL FDP; "Introductory Data Science, Deep Learning"; IIIT Naya Raipur. Submitted a paper titled 'FACET: Low Cost Thermo-Face recognition System'; ICMSS 21 (4th International Conference on Microelectronics Signals and System) July 2021 Anjana S, Anjaly Gopinath Attended FDP; "Deep Learning and Neural Networks"; Mohandas college of Engineering and Technology. Attended a webinar on "RF over Fiber"; IEEE, Pune Section Communication Society in association with AISSMS INSTITUTE OF INFORMATION TECHNOLOGY, Pune July 2021 Jaimy James Poovely Attended FDP; "FPGA based deep learning application in signal processing"; KLE Technological University. Attended webinar; "Introduction to bersal ACAP architecture"; Sandeepani School of Embedded System Design; Bangalore. June 2021 Sreerag M Attended FDP; "5G & VNA Measurements"; ENTUPLE TECHNOLOGIES June 2021 Dr. Bobby Mathews C, Archana Aniyar, Savitha Raghavan, Anjana S, Anjaly Gopinath Attended FDP; "Innovation Incubation and Research Challenges in India"; IES college of Engineering, Thrissur June 2021 Ms. Neethu Suman, Ms Remya Ramesh, Arya Paul Recourse Person for Online Workshop; "Python for Deep Learning"; Dept. of ECE, ASIET June 2021 Ms Remya Ramesh Attended Webinar; "CORONA: PRECAUTION AND PREVENTION"; NSS unit no: 228,582; Adi Shankara Institute of Engineering and Technology, Kalady Selected as Evaluator; "The Power Judging panel of Toycathon 2021"; Ministry of Education's Innovation Cell and AICTE. June 2021 Prajeesh P A Attended Faculty Development Program(FDP) on Innovation Incubation and research challenges in India Co-coordinated for the webinar on Speak out and reach your goals June 2021

Dr. Bobby Mathews C Participated in an FDP; "Recent Developments in Machine Learning and DataScience" ; ToCH Institute of Science and Technology, Ernakulam. Attended an Online Course; "No Code Website development Workshop"; One Team Solutions. Attended a Webinar; "Cognitive and Personal Dimensions of Cyber Learning"; AE College of Engg. Chennai Attended a Webinar; "Effective Communication for Organization's Excellence"; AE College of Engg. Chennai June 2021 Ms. Archana Aniyan Attended Webinar; "Spintronics"; Department Of Electrical And Electronics Engineering; Christ College Of Engineering, Irinjalakuda June 2021 Dr.Ragesh G K Resource person for ATAL FDP; "Embedding AI in Smart Sensors: Topic Smart Sensor Applications"; Dept of Electronics and Instrumentation, Sree Rama Krishna Engg College, Coimbatore June 2021 Prasanth P Menon Attended Faculty Development Program(FDP); "Innovation Incubation and research challenges in India"; IES College of Engineering. June 2021 Divya V Chandran Attended Webinar; "CORONA : PRECAUTION AND PREVENTION"; NSS Unit, Adi Shankara Institute of Engineering and Technology, Kalady , Kerala. June 2021 Neetha K Participated KTU sponsored FDP on Recent Developments in Machine Learning and Data Science by ToCH Institute Ernakulam from 02.06.21 to 04.06.21 Completed Online Course on DEEP LEARNING ON RAMP on 6/06/21 by MATH WORKS. Recourse Person as Evaluation panel of Toycathon 2021, on 22/6/21 to 24/6/21 by Ministry of Education's Innovation Cell and AICTE. Coordinator for the School outreach programs Udyothana 2K21and Abhyudaya 2K21 June 2021 Arya Paul Acted as an External Reviewer, International Journal of Innovation in Computational Science & Engineering on 26-27 May 2021 by Information Technology Department, University of Technology and Applied Science, MUSCAT Selected as I2P contest best idea pitch project mentor June 2021 Anuroop KB Successfully delivered a session on " Technology Innovation and Entrepreneurship " for the students of St Alosyous HSS North Paravoor. Resource person for a webinar on " Introduction to 3-D Modelling & 3- D Printing" organized by IEEE Students branch College of Engineering, Vatakara exclusively for IEEE members. Successfully completed the design of a Pulse Oximeter . Resource person for a webinar session on " Introduction to IoT and IIoT" organized by Department of CSE in association with IoT Research Lab,ASIET. May 2021 Prasanth P Menon Resource Person for Online Training Program on Geogebra" on 27/05/2021 to 28/05/2021 by Department of Electronics and Communication Engineering, ASIET Kalady Coordinator for the webinar conducted in association with Beacon industries on EV battery charging technology and control strategies on 31/05/2021. May 2021 Divya V Chandran AttendedOnline Course on SAR Data Processing; 7th to 28th May 2021 on Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, Uttarakhand Recourse Person for Online Training Program on Geogebra" on 27/05/2021 to 28/05/2021 by Department of Electronics and Communication Engineering, ASIET Kalady AttendedFaculty Development Program(FDP) on 5 Days Online Workshop/FDP on starting Research from Scratch' on 24th to 28th May 2021 by Department of CSE, Karunya Institute of Technology & Sciences , Coimbatore. May 2021 Ms. Archana Aniyan Recourse Person for Online Training Program on Geogebra" on 27/05/2021 to 28/05/2021 by Department of Electronics and Communication Engineering, ASIET Kalady May 2021 Aswathy N Attended Faculty Development Program(FDP) on Starting Research From Scratch from 24-28 May 2021 by KITS, Coimbatore . Attended Webinar on Custom Face Recognition Using YOLO.V3 13-14 May 2021 by KITS, Coimbatore. May 2021 Dr. Bipin P R Attended an Online Course on Course on Machine Learning Model Deployment" by GL Academy May 2021 Dr. Suraj Damodaran Attended the webinar on "Ventilator: Design Perspective" by Mr. Sarath S Nair, Scientist / Engineer-E, Sree Chitra Tirunal Institute for Medical Science and Technology(SCTIMST) on 26/5/2021 May 2021 Dr. Arya Devi Participated in Faculty Development Program on GEOINFORMATICS AND WEB TECHNOLOGIES on 18/5/2021- 22/05/2021 by BANASTHALI VIDYAPITH, Rajasthan May 2021 Dr. Bobby Mathews C Selected to the Technical Committee of Maker Village, KTIIZ, Kinfra Hi-Tech Park, Kalamassery, Kochi. May 2021 Dr.Ragesh G K Dr. Ajay Kumar Acted as an External Reviewer, International Journal of Innovation in Computational Science & Engineering on 26-27 May,2021, Information Technology Department, University of Technology and Applied Science, MUSCAT May 2021 Prajeesh P A, Archana Aniyan Participated in a Faculty Development Program(FDP) on "Emerging Trends and Challenges in Low Power VLSI Design " conducted by the Department of ECE, MBCCET, Peermade from 19/5/2021 to 21/5/2021 May 2021 Archana Aniyan Participated in a Faculty Development Program(FDP) on " Emerging Trends and

Challenges in Low Power VLSI Design" conducted by the Department of Electronics and Communication Engineering, MBCET, Peermade from 19th May to 21st May 2021 May 2021 Dr. Suraj Damodaran Participated in Webinar on "Introduction to model predictive control and its applications" on 22-05-2021 conducted by Control system research group, Department of electrical and electronics engineering, Mar baselios college of engineering and technology, Thiruvananthapuram May 2021 Jaimy James Poovely Participated in a Faculty Development Program(FDP) on "Emerging Trends and Challenges in Low Power VLSI Design" conducted by the Department of Electronics and Communication Engineering, MBCET, Peermade from 19th May to 21st May 2021 April 2021 Dr. Bipin P R Participated in a Short Term Training Program (STTP) on Medical Image Processing and its Applications in Automated Disease Detection on 24/4/2021 conducted by St. Martins Engineering College, Secunderabad, Telangana Participated in a Faculty Development Program(FDP) on "Python for Engineers" on 30-04-2021 conducted by Vimal Jyothi Engineering College, Kannur April 2021 Prameela B Selected as Reviewer for Journal of Advanced Research in Fluid Mechanics and Thermal Sciences" on 24.04.2021 April 2021 Dr Ragesh G K Selected as a member of the technical program committee for the international Conference-EAI SmartGov 2021 - 3rd EAI International Conference on Smart Governance for Sustainable Smart Cities, November 24 - 26, 2021, Portugal April 2021 Dr. Bipin P R Published a research paper titled "Exploitation whale optimization based optimal offloading approach and topology optimization in a mobile ad hoc cloud environment in Journal of Ambient Intelligence and Humanized Computing (SCIE indexed). April 2021 Dr. Arya Devi P S Successfully Translated the files of SWAYAM- NPTEL course TALE 2: Course Design and Instruction of Engineering Course (127108016) offered by IISc Bangalore in the Malayalam Language April 2021 Dr. Suraj Damodaran Published a manuscript titled "Design of suboptimal model-matching controllers using squared magnitude function for MIMO linear systems", in Automatika: Journal for control, measurement, electronics, computing and communications (publisher Taylor & Francis) which is Science Citation Index Expanded journal. ISSN 0005-1144/1848-3380. Attended a AICTE sponsored Short Term Training Program on "Control System Design - Classical and Modern with Hands-on" conducted by College of Engineering Pune on March 22-27, 2021 April 2021 Prameela B Selected as a Reviewer of International Journal of Engineering and Technology Innovation and IEEE Symposium on Industrial Electronics & Applications (ISIEA 2021). April 2021 Ajay Kumar Submitted PhD thesis to APJKTU, it has been recommended and found eligible for defending PhD viva-voce examination. April 2021 Dr. Bobby Mathews C Coordinated the APJ Abdul Kalam Technological University sponsored 5 days Online Faculty Development Program on "ROBOTICS & CONTROL" from 19.04.21 to 23.04.21 conducted by Dept. of Robotics and Automation, ASIET April 2021 Remya Ramesh, Prajeesh P A, Archana Aniyar, Aswathy N, Divya V Chandran, Neetha K, Arya Paul, Albins Paul, Anju George, Chinnu S Participated in a Faculty Development Program(FDP) on "Robotics and

Control" conducted by Department of Robotics and Automation, ASIET from 19-4-21 to 23-4-21 April 2021 Divya V Chandran, Aswathy N Participated in a Faculty Development Program(FDP) on Deep Learning for Signal Processing conducted by Dept. of Electronics and Communication Engineering, Sahridaya College of Engineering and Technology, Kodakara, Thrissur from 26 th April to 30 th April 2021 March 2021 Neema M Attended a Faculty Development Program(FDP) on "Artificial Intelligence using MATLAB" organized by CoreEL Technologies and MathWorks March 2021 Arya Paul Awarded "Mentor Appreciation certificate" for the course "Python for Data Science" by NPTEL Attended as a Resource person in Laboratory Staff Skill Upgradation Workshop organized by Department of Electronics and Communication, ASIET. March 2021 Divya V Chandran Attended Faculty Development Program(FDP) on "Computer Vision and Data Mining" Sponsored by APJKTU at Rajadhani Institute of Science & Technology. Attended a Faculty Development Program(FDP) on "Artificial Intelligence using MATLAB" organized by CoreEL Technologies and Mathworks. March 2021 Chinnu S Attended Faculty Development Program(FDP) on "Computer Vision and Data Mining" Sponsored by APJKTU at Rajadhani Institute of Science & Technology. March 2021 Neetha K Attended Faculty Development Program(FDP) on "5G Technologies and IoT" organized by Electronics and Communication Engineering Department of Government Engineering College Palakkad. March 2021 March 2021 Dr. Gopakumar V Published a Research Article on "A novel design proposal for low - cost vein viewer for

medical and non-contact biometric applications using NIR imaging" in the Journal of Medical Engineering & Technology. Selected as the Official Malayalam Translator for NPTEL SWAYAM Course March 2021 Neema M Attended a Faculty Development Program(FDP) on " Artificial Intelligence using MATLAB" organized by CoreEL Technologies and MathWorks March 2021 Dr. Ragesh G K Attended as the resource person for a session on the topic titled " Research Trends in Body Sensor Networks" in AICTE sponsored FDP on "Research Challenges and Issues in Wireless Communication and Networks" at Sri Ramakrishna Institute of Technology, Coimbatore. March 2021 Anuroop K B and Team Selected for the Biotechnology Ignition Grant (BIG) ,a flagship scheme of BIRAC which recognizes and invests in innovative ideas in the biotech sector. This the only team from Kerala who got selected for the grant from about 1000 entries across the country. They can avail upto *50 Lakhs* for the project completion. Attended as the resource person for a session on the topic titled "Setting up Adobe Creative Cloud" organized by Multimedia Research Lab, ASIET Attended as the resource person for a session on topic titled " Wearable IoT, IIoT, Setting-up MQTT, IoT simulation" in LORAWAN IOT workshop organized by Department of CSE, ASIET and ICFOSS, Kerala February 2021 Head ACCESS'21-International Conference is provisionally Recommended by AICTE (Reference : AQIS Application Id: 1-9250803471) with a grant of INR 4 Lakhs under Grant for Organizing Conference (GOC) scheme February 2021 Research Interest Group (RIG) Dr.Balaji Srinivasan, Professor, EE Dept, IIT Madras agreed to serve as a mentor to Department Research Interest Group(RIG) Fiber optics and Photonics. Submitted a proposal on "Development and Dissemination of an Artificial intelligence tool to predict and Diagnose Psychiatric morbidity among the Adult population of Kerala" for DST-CSRI(Cognitive Science Research Initiative) requested funding amount of Rs. 44,71,319 lakhs. February 2021 Dr Ragesh G K The paper titled "Physical Layer security of cognitive Ambient Backscatter communications for Green Internet of Things" accepted for publication in IEEE Transactions on Green Communications and Networking. Delivered a Talk on " How to create a LinkedIn profile" on 14th February 2021 as a part of ABILITA : A MENTORSHIP PROGRAM organized by IEEE student Branch, Adishankara Institute of Engineering and Technology. February 2021 Dr SURAJ DAMODARAN Attended a webinar "Mathematical Modeling-An introduction" by Prof. Peeyush Chandra (retired), IIT Kanpur On 21 Jan 2021 organized by NIT Calicut. February 2021 Dr Bobby Mathews C Attended a Short Term Training Program (STTP) AICTE Sponsored STTP on 'Machine Learning Applications to Internet of Things (IoT)' dated 01.02.21 - 06.02.21 organized by VCET, Madurai, Tamil Nadu. February 2021 Anuroop K B A sum of INR 2 Lakhs was sanctioned for the Project Asegurar Vida from KSUM Baltem Gyrate : The Parkinson spoon with adaptive pattern learning- shortlisted to the next stage under BIG scheme of BIRAC. January 2021 Dr Ragesh G K Invited as Special Guest or the inaugural ceremony of Institution's innovation council at ILM college of Engineering. Presented a paper in 3rd international conference on Cognitive Informatics & soft computing on 12-13th December 2020. January 2021 Albins Paul Attended a FDP on " Python Programming for Computer Vision and Data Science" by NIT AP from 14/12 - 18/12/2020 January 2021 Anjana S Attended a FDP on " Block Chain" by Dept of ECE, TKM College of Engineering Kollam, Kerala from 28/12/20 - 2/01/2021 Attended a FDP on " Data Sciences" by CUSAT from 7/1/2021 - 11/1/2021 January 2021 Arya Paul Completed NPTEL course on " Python for Data Science" from Sep-Oct 2020 Attended AICTE sponsored Six Days Short Term Training Program on "IoT and Data Science" from 28/12/2020 to 02/01/2021 organised by St. Joseph's College of Engineering and Technology, Pala January 2021 Aswathy N Completed NPTEL course on " Python for Data Science" from Sep-Oct 2020 Attended a STTP on " Deep Learning" by SOE CUSAT on Dec-20 January 2021 Divya V Chandran Attended AICTE sponsored Six Days Short Term Training Program on "IoT and Data Science" from 28/12/2020 to 02/01/2021 organised by St. Joseph's College of Engineering and Technology, Pala January 2021 Remya Ramesh Attended AICTE sponsored Six Days Short Term Training Program on "IoT and Data Science" from 28/12/2020 to 02/01/2021 organised by St. Joseph's College of Engineering and Technology, Pala January 2021 Neethu Suman Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Wearable Devices" organised by Saintgits College of Engineering from 11/01/2021-15/01/2021 January 2021 Chinnu S Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Wearable Devices" organised by Saintgits College of Engineering from 11/01/2021-15/01/2021 December 2020 Dr Bipin P R Attended 5

days AICTE FDP on Data Science with Python Conducted online by Ajay Kumar Garg Engineering College, Ghaziabad from 7 to 12 December 2020. December 2020 Prajeesh P A Completed webinar on Demystifying 5G & Its impact conducted by Department of ECE, St. Thomas college of Engineering & Technology, Kozhuvallor, Chenganoor December 2020 Divya V Chandran Completed and awarded for the successful completion of online course (16 hours, 30 minutes duration), "RS & GIS applications" conducted by IIRS, ISRO, Dehradun during Nov 2nd to Nov 20th 2020. December 2020 Aswathy N Attended an AICTE sponsored FDP on Machine learning and Artificial intelligence in Data Science from 23rd November to 3rd December. November 2020 Archana Aniyar Attended a Webinar on "Scientific Writing Using LaTeX" on 24-10-20 organized by ACM Student Chapter and IEEE Student Branch of IIIT Kottayam. November 2020 Divya V Chandran Attended a Short Term Training Program (STTP) on AICTE sponsored 6 days STTP on "Paradigm shift in assessment and evaluation practices for Engineering graduates" from 19 to 24 Oct 2020 organized by Amal Jyothi College of Engineering, Kottayam. November 2020 Er. Neetha K, Er. Neethu Suman, Er. Aswathy N, Er. Prasanth P Menon, Er. Akas G Kamal, Er. Prajeesh P A In order to have the practical exposure to the Telecom equipment and working in the networks & networking the Faculty members visited BSNL Ernakulam on Saturday 31.10.2020 October 2020 Dr. Ragesh G K Attended a Webinar on "The Webinar on National Education Policy 2020: Towards Athmanirbhar Bharath" 23-09-2020 on by Sree Sankara College Kalady, ASIET Kalady October 2020 PRAMEELA B Reviewer of 2020 IEEE International RF and Microwave Conference (on 01-10-2020 for IEEE AP/MTT/EMC joint chapter) October 2020 DIVYA V CHANDRAN Attended a Webinar on "National Education Policy:2020 conducted by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady" on 23 September 2020 by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady Attended a AICTE (ATAL) Sponsored Faculty Development Program (FDP) on "Emotional Intelligence" organised from September 13th-17th, 2020 in Online Mode by Department of Management Studies, IIITA. October 2020 ANJANA S Attended a Webinar on "National Education Policy:2020 conducted by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady" on 23 September 2020 by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady Attended a Webinar on "Metamaterial based antenna design and beamforming network" on 07-10-2020 by Saintgits college of Engineering October 2020 ARYA PAUL Attended a Webinar on "National Education Policy:2020 conducted by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady" on 23 September 2020 by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady October 2020 PRAJEESH P A Attended a Webinar on "National Education Policy 2020 towards Athmanirbhar Bharath" on 23rd September 2020 by IQAC SSC and ASIET, KALADY. Attended a Faculty Development Program (FDP) on "Recent Advances in Communication and Networking" Sponsored by TEQIP II " on 28th September to 3rd October 2020. by Department of ECE, Government Engineering College Idukki October 2020 ARCHANA ANIYAR Attended a Faculty Development Program (FDP) on "Recent Advances in Communication and Networking" Sponsored by TEQIP II " on 28th September to 3rd October 2020. by Department of ECE, Government Engineering College Idukki October 2020 CHINNU S Attended a Webinar on "Metamaterial based antenna design and beamforming network" on 07-10-2020 by Saintgits college of Engineering October 2020 ASWATHY N Attended a Webinar on "National Education Policy 2020: Towards Athmanirbhar Bharath" on 23rd September by Sree Sankara College, Kalady Attended a Webinar on "METAMATERIAL BASED ANTENNA DESIGN & BEAMFORMING NETWORK" on 7th October by Saintgits College Of Engineering, Kottayam October 2020 NEETHA K Attended a Faculty Development Program (FDP) on "Recent Advances in Communication and Networking" Sponsored by TEQIP II " on 28th September to 3rd October 2020. by Department of ECE, Government Engineering College Idukki October 2020 SREESUBHA GOPI Completed a Course on "Technical support fundamentals" by coursera October 2020 SAVITHA RAGHAVAN Completed "Python Functions, Files, and Dictionaries" an online non credit course authorized by University of Michigan and offered through Coursera September 2020 Remya Ramesh Attended a Webinar on "The Webinar on National Education Policy 2020: Towards Athmanirbhar Bharath" on 23-09-20 organized by IQAC- Sree Sankara College and Adi Shankara Institute of Engineering and Technology, Kalady September 2020 Dr. Ragesh G K Attended a ATAL Faculty Development Program on "Blended Learning and Flipped Classroom" From 7-

11 September 2020 at National Institute of Technical Teachers Training & Research, Chandigarh September 2020 Dr. Bipin P. R Attended an ATAL Faculty Development Program(FDP)on "Robotics" on sep 20 at ASIET, Kalady Completed an Online Course on "NVIDIA Certification Course : Fundamentals of Deep Learning for Computer Vision" on Aug 20 at NVIDIA Attended a Short Term Training Program (STTP)on "Research Avenues in Machine Learning Approaches for Pattern Recognition" From 24-29 August 2020 at Mahatma Gandhi Institute of Technology, Hyderabad September 2020 Prameela B Attended a Faculty Development Program(FDP)on "Modeling, Simulation and Fabrication of Future Nano electronic Devices and Sensors" From 24-28 August 2020 at NIT, Calicut September 2020 Prajeesh P A Attended a Webinar on "Health Care and Patient Monitoring system with IOT" From 21-08-20 at Department of CSE& IT University College of Engineering,Muttom Thodupuzha Attended an AICTE ATAL Faculty Development Program(FDP)on "ROBOTICS" From 7/09/2020 TO 11/9/2020 at ASIET ,KALADY September 2020 Remya Ramesh Attended an AICTE ATAL Faculty Development Program(FDP)on "Robotics" From 7/09/2020 to 11/09/2020 at AICTE ATAL Academy at ASIET September 2020 Jayesh T P Attended an AICTE ATAL Faculty Development Program(FDP)on "Robotics" From 7/09/2020 to 11/09/2020 at AICTE ATAL Academy at ASIET September 2020 Neema M Attended a ATAL Online Faculty Development Program(FDP)on "Internet of Things(IoT)" From 24/8/20 - 28/8/20 at National power training institute Completed an Online Courseon "Programming for everybody(Getting started with Python)" From 20- 09-20 at University of Michigan offered through Coursera Attended a ATAL Online Faculty Development Program(FDP)on "Robotics" From 7/9/20- 11/9/20 at Adi shankara institute of engineering and technology September 2020 Arya Paul Attended a ATAL Online Faculty Development Program(FDP)on "Robotics" From 7/9/20- 11/9/20 at Adi shankara institute of engineering and technology September 2020 Anjana S Attended a Faculty Development Program(FDP)on "Robotics" From 7/9/2020 - 11/9/2020 at ASIET ,ATAL FDP Attended a Webinar on "data Science demystified" at Dept of ECE,St Gits college of engineering September 2020 Anju George Attended a Faculty Development Program(FDP)on "robotics" From 9 to 11 September 2020 at Asiet kalady and AICTE September 2020 Chinnu S Coordinated Faculty Development Program(FDP)on "Robotics & IR 4.0" From 07/09/2020-11/09/2020 at ASIET September 2020 Anuroop K B Attended a Faculty Development Program(FDP)on "Resource Person" on 44113 at ASIET DEPT ECE September 2020 Neethu Suman Attended a AICTE Training And Learning (ATAL) Academy Online Faculty Development Program(FDP)on "Internet of Things (IoT)" From 2020-8-24 to 2020-8-28 at NATIONAL POWER TRAINING INSTITUTE. Attended a AICTE Training And Learning (ATAL) Academy Online Faculty Development Program(FDP)on "Robotics" From 2020-9-7 to 2020-9-11 at Adi Shankara Institute of Engineering and Technology September 2020 Aswathy N Attended a Faculty Development Program(FDP)on "Robotics" From 7/9/20 to 11/9/20 at EC DEPT, ASIET Attended a Webinar on "Essentials of Entrepreneurship" From 21/9/2020 at Sreenidhi Institute of Science and technology, Hyderabad September 2020 Archana Aniyana Attended a Faculty Development Program(FDP)on "Robotics" From 2020-9-7 to 2020-9-11 at AICTE Training And Learning (ATAL) Academy at Adi Shankara Institute of Engineering and Technology September 2020 Ajay Kumar Attended a Short Term Training Program (STTP)on "Internet of Things" From 24-08-2020-28-08-2020 at Ramrao Adik institute of Technology Attended a Faculty Development Program(FDP)on "Outcome Based Education and Accreditation "for Engineering Colleges" at Raison Institute of Engg&Tech,Nagpur Attended a Short Term Training Program (STTP)on "Trends and Technologies in Antenna Design and its research Scopes" From 10-08-2020-16-08-2020 at ToCH Institute of Engg&Tech September 2020 Neetha K Attended a AICTE Training And Learning (ATAL) Academy Online Faculty Development Program(FDP)on "Robotics" From 07-09-20 TO 11-09-20 at Adi Shankara Institute of Engineering and Technology September 2020 Divya V Chandran Attended AICTE Training And Learning (ATAL) Academy Online Faculty Development Program(FDP)on " Robotics" From 2020-9-7 to 2020-9-11 at Adi Shankara Institute of Engineering and Technology September 2020 Sreesubha Gopi Attended a Webinar on "ESSENTIALS OF ENTREPRENEURSHIP" on 44095 at SREENIDHI INSTITUTE OS SCIENCE AND TECHNOLOGY,HYDERABAD Attended a Faculty Development Program(FDP)on "ROBOTICS" From 7.9.2020 TO 11.9.2020 at ATAL ACADEMY AT ASIET,KALADY August 2020 Er. Divya V Chandran Patent application titled : "User Device interfacing technology with EEG and 3D eye tracking" has been published. August 2020 Er. Anuroop K B Recognized as Adobe Creative Educator (ACE) by

Adobe Inc. an American multinational computer software company. This Exclusive opportunity to access the Adobe Creative Educator (ACE) program was sponsored by AIM NITI Aayog. Through this initiative, ATAL Regional mentors of Change will become part of the global creative educators community at Adobe! August 2020 Dr. Ragesh G K Attended Short Term Training Program (STTP) on "Trends and Technologies in Antenna Design and its Research Scopes" from 10.8.2020 to 16.8.2020 organized by ToCh institute of science and technology August 2020 Asha Paniker Attended a webinar on "Emerging Cyber security threats" on 15-08-2020 organized by Internet Society (ISOC), India Attended a webinar on " Guidelines Evaluation of Examination Answer sheets " on 16-08-2020 organized by EEE Dept, Ahalia Engineering College, Palakkad Attended a webinar on "Machine Learning in Healthcare and Agriculture" on 06-08-2020 organized by Dept of ECE, ASIET Attended a Webinar on "Knowledge Management Virtual meet Women Empowerment- A step towards" on 10-08-2020 organized by ASSOCHAM, India August 2020 Prameela B Attended Short Term Training Program (STTP) on "Trends and Technologies in Antenna Design and its Research Scopes" from 10.8.2020 to 16.8.2020 organized by ToCh Institute of science and Technology. August 2020 Prajeesh P A Attended a Faculty Development Program(FDP) on " Inyroduction to Machine Learning using Python " on 30/7/2020 to 1/8/2020 Dept of ECE and CSE ,ASIET Attended a Webinar on " Health care and Patient monitoring system with IOT " on 21-08-2020 UCE, Thodupuzha Attended a Faculty Development Program(FDP) on "EMERGING RESEARCH TRENDS IN VLSI, MEMS & SIGNAL PROCSSING" From 10-13 AUGUST 2020 at DEPARTMENT OF ECE SAINTGITS COLLEGE OF ENGINEERING, KOTTAYAM, IN ASSOCIAION WITH IETE August 2020 Jaimy James Attended a Faculty Development Program(FDP) on " Data Science " from 3/08/2020 to 8/08/2020 organised by Malla Reddy Engineering College for women August 2020 Archana Aniyam Attended a Short Term Training Program (STTP) on "Wireless Communications and Machine Learning Algorithms " from 27 th July to 1st August organised by Vardhaman College of Engineering (AICTE sponsored) Attended a Faculty Development Program(FDP) on " Pervasive Industrial Competence " from 29 th to 2nd AUGUST organised by NSS PALAKKAD Attended a Webinar on " Challenges In Industry Jobs On The Verge Of 4th Industrial Revolution " on 7th august organised by ASIET, KALADY Attended a Webinar on " Machine Learning In Healthcare and Agriculture " on august 6 th organised by ASIET August 2020 Savitha Raghavan Attended a Online Courseon " Completed A Course On "Python Basics" On Coursera " from 05-08-2020 organised by Coursera Attended a Faculty Development Program (FDP) on " Introduction To Machine Learning Using Python " from 30/7/2020 to 01/08/2020 organised by Adi Shankara Institute of Engineering and Technology, Kalady, Kerala. August 2020 Ajay Kumar Attended a Webinar on " A Discussion On 5g Enabling Technologies " on 14.08.2020 organised by Dept Of Applied Electronics And Instrumentation Attended a Short Term Training Program (STTP) on " Trends And Technologies In Antenna Design And Its Research Scopes " from 10.8.2020 to 16.8.2020 organised by ToCh institute of science and technology August 2020 Neethu Suman Attended a Webinar on " Cyber Security " on 26th July organised by Dept of ECE, ASIET August 2020 Aswathy N Attended a Faculty Development Program(FDP) on " Pervasive Industrial Competence " from 29th July to 2nd August 2020. organised by NSS College of Engineering Palakkad Attended a Faculty Development Program(FDP) on " Know Everything Related To Research " from 23 to 28 july 2020. organised by Ilahia College of Engineering and Technology, Muvattupuzha Attended a Faculty Development Program(FDP) on "Introduction To Machine Learning Using Python " from 30th July 2020 and 1st August 2020. organised by Department of Electronics & Communication Engineering and Computer Science & Engineering, ASIET August 2020 Divya V Chandran Coordinated a Webinar on " Machine Learning in Healthcare and Agriculture " on 06-08-2020 organised by Dept of ECE, ASIET Attended a Webinar on " Wireless Technology Using Arduino " on 7th August 2020 organised by NoviTech, Ernakulam Attended a Webinar on " Challenges In Industry Jobs On The Verge Of 4th Industrial Revolution " on 7th August, 2020 organised by Department Of Electronics And Communication Engineering, ASIET Kalady Attended a Faculty Development Program(FDP) on " Pervasive Industrial Competence " from 29th July To 3rd Aug 2020 organised by the Department Of Instrumentation And Control Engineering In Association With Industry Institute Partnership Cell Of Nss College Of Engineering Palakkad Attended a Faculty Development Program(FDP) on " Tools And Platforms For Technology Enabled Learning " from 17/08/2020 To

21/08/2020 organised by GWPTC Kottakkal Attended a Short Term Training Program (STTP) on " Trends And Technologies In Antenna Design And Its Research Scopes " from 10-08-2020 To 16-08-2020 organised by Department Of Electronics, Toc H Institute Of Science & Technology,Ernakulam Attended a Webinar on " A Discussion On 5G Enabling Technologies " on 14.08.2020 organised by Dept.Of AE&I, ASIET Coordinated a Webinar on " Webinar Embedded Product Design " on 23.08.2020 organised by ECE Department, ASIET Kalady Attended a Faculty Development Program(FDP) on " Introduction To Machine Learning Using Python " from 30th July 2020 And 01st August 2020. organised by Department Of Electronics & Communication Engineering And Computer Science & Engineering , Asiet Kalady August 2020 Neetha K Attended a Faculty Development Program(FDP) on " Pervasive Industrial Competence " from 29th July to 2nd August 2020. organised by NSS College of Engineering Palakkad Attended a Faculty Development Program(FDP) on " Know Everything Related To Research " from 23 to 28 july 2020. organised by Ilahia College of Engineering and Technology, Muvattupuzha Attended a Faculty Development Program(FDP) on " Introduction To Machine Learning Using Python " from 30th July 2020 and 1st August 2020. organised by Department of Electronics & Communication Engineering and Computer Science & Engineering, ASIET August 2020 Anjana S Attended a Faculty Development Program(FDP) on " Pervasive industrial competence " from 29/7/2020 to 2/8/2020 organised by NSS COLLEGE OF ENGG Attended a Webinar on " Machine Learning in Healthcare and Agriculture " on 06-08-2020 organised by EC Dept, ASIET Attended a Webinar on " A discussion on 5G enabling technologies " on 14-08-20 organised by Dept of Applied electronics and instrumentation ,Asiet Attended a Webinar on "3d Printing And Application" on 22-07-2020 organised by Dept of Mechanical Engg ,ASIET August 2020 Anjaly Gopinath Attended a Faculty Development Program(FDP) on " Introduction To Machine Learning Using Python " from 31/07/2020 to 01/08/2020 organised by Department of Electronics & Communication Engg and Computer Science & Engineering, ASIET, KALADY August 2020 Arya Paul Attended a Faculty Development Program(FDP) on " Introduction to Machine learning using Python " from 44042 organised by ASIET Attended a Faculty Development Program(FDP) on " Know everything related to research " from 23rd to 28th July 2020 organised by Illahia College of Engineering Attended a Faculty Development Program(FDP) on " Pervasive Industrial Competence " from 29th July to 2nd August 2020 organised by NSS college of Engineering Got an appreciation letter from NPTEL for mentoring students in course on Problem solving through programming in C Got an appreciation letter from NPTEL for mentoring students in NPTEL course on Introduction to IoT Attended a Webinar on " Machine learning in healthcare and agriculture " on August 16th 2020 organised by ASIET Attended a Faculty Development Program(FDP) on " Trends and Technologies in Antenna Design and its Research Scopes " from 10/8/20 to 16/8/2020 organised by Toc H Institute of Science & Technology Attended a Webinar on " A Discussion on 5G Enabling Technologies " on 14-08-20 organised by ASIET August 2020 Anju George Attended a Webinar on " Sensing With Nerves Of Glass " on 05-08-2020 organised by Dept of ECE, ASIET, KALADY Attended a Webinar on " webinar on cyber security " on 26-07-2020 organised by IEEE Student Branch of Adi Shankara Institute of Engineering and Technology Attended a AICTE Sponsered Short Term Training Program (STTP) on " wireless communicationsfuture IOT " from 20-25 th july organised by Vardhaman College Of Engineering ,Hyderabad Attended a Webinar on " Challenges in industry jobs on the verge of 4th industrial revolution " on 07-08-2020 organised by Industry Institute Partnership Cell, Department of Electronics and Communication Engineering in association with Institution's Innovation Council Attended a Faculty Development Program(FDP) on " Introduction To Machine Learning Using Python " from 30th july to august 1st organised by Department of Electronics & Communication Engineering and Computer Science & Engineering ,ASIET, Kalady Attended a Faculty Development Program(FDP) on " pervasive industrial competence " from 29 july to 2 nd August organised by the Department of instrumentation and control engineering ,NSS college of engineering,palakkad Attended a Webinar on " Introduction To Image Processing " on 05-08-2020 organised by the Department Of Electronics And Communication Engineering, Jyothi Engineering College, Thrissur In Association With Iste Student Chapter And Ecsa Competed a Online Course on " Technical support fundamentals " from 23-08-2020 organised by Coursera Got an Appreciation Letter from NPTEL on 16-08-2020 August 2020 Sreerag M Attended a Short Term Training Program (STTP) on " Trends and Technologies in antenna

Design and its research scopes-PHASE 1 " from 10th to 16th August 2020. organised by ToCH Institute of Science and Technology August 2020 Chinnu S Attended a Faculty Development Program(FDP) on " Introduction To Machine Learning Using Python " from 30th July 2020 to 1st August 2020 organised by ASIET Attended a Faculty Development Program(FDP) on " Know everything related to research " from 23rd July 2020 to 28th July 2020 organised by Ilahia college of engineering and technology, mulavoor, Muvattupuzha Attended a Webinar on " Machine Learning in Healthcare and Agriculture " on August 6th 2020 organised by ASIET August 2020 Sreesubha Gopi Attended a Webinar on " Sensing with nerve of Glass " on 05-08-2020 organised by Adishankara Institute of Engineering and Technology, Kalady Attended a Webinar on " Machine Learning in health care and agriculture " on 06-08-2020 organised by Dept.of Electronics and Communication Engineering Adishankara Institute of Engineering and Technology, Kalady Attended a Webinar on " Challenges in industry jobs on the verge of 4th industrial revolution " on 07-08-2020 organised by Dept.of Electronics and Communication Engineering Adishankara Institute of Engineering and Technology, Kalady Attended a Webinar on " Crisis management: alarming floods and Covid -19 encounters in Kerala " on 13-08-2020 organised by Dept.of PG Chemistry in association with IQAC Devamatha college, Kuruvilangad Attended a Webinar on " Low power VLSI circuits & Energy harvesting for IoT Applications " on 15-10-2020 organised by the Dept.of Electronics and Computer Engineering Sreenidhi Institute of Science and Technology, Hyderabad Attended a Faculty Development Program(FDP) on " Introduction to machine learning using python " from 30th July to 1 August 2020 organised by Dept.of Electronics and Communication Engineering and Computer Science Engineering Adishankara Institute of Engineering and Technology, Kalady Attended a Faculty Development Program(FDP) on " Tools and Platforms for Technology enabled learning " from 17th to 21 August 2020 organised by GWPTC, Kottakkal July 2020 Er.Anjana S, Er.Savitha Raghavan, Er.Neema M, Er.Neetha K, Er.Anjaly Gopinath, Er.Anju George, Er.Aswathy N Patent application titled : "BOJA: The Automatic Wall Painting Robot" has been published July 2020 Prof. Asha Panicker Attended a webinar on "Accreditation and Quality of Engineering Education in South Asia" by IEEE-ABET on 8th July. Attended a webinar on "Employability post Covid era Expectation of Industry vs Education systems preparations" by ASSOCHAM India on 11th July. Attended a webinar on "Efforts to spread awareness and generate discussions on environmentally meaningful and sustainable development" by ASSOCHAM India on 13th July. Attended a webinar on "Engineering education made easy with visual learning-Online platforms and E-platforms by AGIMUS Technologies Private Limited association with VROOK on 14th July. Attended a webinar on "Post Covid-19 Investment opportunities in various ASSET Classes Rebalancing Portfolio" by ASSOCHAM India on 14th July. Attended a State level online Awareness Programme on "PDS-Shodh Shuddhi in Kerala and Tamilnadu" by Infilibnet centre (An IUC of UGC) Gandhinagar, Gujarat on 17th July Attended a webinar on "Master class for start ups and Intellectual property rights (IPR)" by ASSOCHAM India 20th July. Attended a webinar on "Digital campus on cloud for education" by AWS CollPoll on 24th July. Attended a webinar on "Artificial intelligence for autonomous vehicles" by SJB Institute of technology, Bengaluru on 27th July. July 2020 Dr. Bipin P R Resource person for online two day STTP organized by department of ECE and CSE on "Introduction to Machine Learning using Python" (A Hands-on approach) on 31/07/2020 and 01/08/2020. July 2020 Aswathy N Participated in the 5 Days Faculty Development Programme on "Digital Image Processing and Its Techniques" organized by Department of Computer Applications, School of Computer, Information and Mathematical Sciences, during the period 6th July 2020 to 10th July 2020. Attended the webinar on "Machine learning and Deep learning", conducted by IEEE SB Amal Jyothi College of Engineering and Technology on 13th July, 2020 July 2020 Remya Ramesh Attended an online webinar on "Introduction to Robotic Control" organized by Dept. of Mechanical Engineering, ASIET on 03/07/2020. Attended an online webinar on "Internet of things and Industry 4.0" organized by Dept. of EEE, ASIET on 18/07/2020 July 2020 Divya V Chandran Attended 5 days Online FDP on "Know Everything Related to Research", organized by Ilahia College of Engineering & Technology, Muvattupuzha from 23rd to 28th July 2020 Participated in a webinar " industrial IoT using Raspberry Pi" on 5th July 2020 hosted by NoviTech, Ernakulam Participated in the webinar on "Basic Stepping

Stones to Competitive Coding" organized by IEEE Computer Society Chapter and IEEE Women in Engineering Affinity Group of IEEE Student Branch SJCT on 20th June 2020. Participated in the webinar on "Modern Avionics System" lead by Dr U S Paul Russel and hosted by IEEE SB SJCT on 26th June 2020. July 2020 Anjana S Completed NPTEL Courses "Mathematical Foundations in Cryptography". Completed one week faculty training program on "Recent trends in Computational technologies" by Asokha Institute of engineering and technology (13 -18 July 2020) Completed NPTEL course "Fundamentals of Network Communication". Attended an online webinar on "Outcome based education software by Vmedulife software services" Attended an online webinar on "Introduction to Robotic Control" organized by Dept. of Mechanical Engineering, ASIET on 03/07/2020 July 2020 Anju George Attended an Webinar on "Innovation in Antenna Design and Analysis" :Hosted by IEEE APS (Delhi Section) & Council on RFID in collaboration with Amity University on July 9,2020 Passed a 2 month online course on "Software Security and Secure Coding Practices" by C-DAC Hyderabad. July 2020 Prajeesh P A Participated in Webinar on Xilinx Webinar on System Design Flow on Zynq Using Vivado High Level Synthesis in association with CoreEL Technologies and Xilinx. Participated in Webinar on "Low-Power Digital VLSI Design" conducted by the Department of Electronics and Communication Engineering, KCG College of Technology, Chennai. Attended a Webinar on "Antennas in Bio medical Applications and MIMO technology" organized by Department of Electronics & Communication Engineering in association with ECSA, Jyothi Electronics & Institute of Engineers (IE) India, Students Chapter . Participated in Webinar on "Deep Learning & AI" Hosted by Gopalan college of Engineering & Management, Bangalore in association with PANTECH solutions. Participated in Webinar on "Clock domain crossing techniques clock gating design(VLSI)" hosted by Mahatma Gandhi Institute of technology, Hyderabad in association with in association with PANTECH solutions. Participated in Webinar on "Robotic process Automation" hosted by Sridevi Women's Engineering college, Hyderabad in association with PANTECH solutions. Completed 100% of the self-paced training course on "MATLAB Onramp" by Mathworks Training services. July 2020 Neetha K Completed a course on "Speak English Professionally, In person, online and on Phone" On Coursera. July 2020 Jaimy James Completed a course NITTT- Module -1 "Orientation Towards Technical Education and Curriculum Aspects". Completed a course on "Introduction to Python" an online non-credit course authorized by Coursera Project Network and offered through Coursera. July 2020 Chinnu S Completed a course NITTT- Module -1 "Orientation Towards Technical Education and Curriculum Aspects" Completed a course on "AI for Everyone" an online non-credit course authorized by deeplearning.ai and offered through Coursera. Attended an online webinar on "Introduction to Robotic Control" organized by Dept. of Mechanical Engineering, ASIET on 03/07/2020 Attended an online webinar on "Internet of things and Industry 4.0" organized by Dept. of EEE, ASIET on 18/07/2020 June 2020 Dr. Ragesh G K, Er. Anuroop K B Patent application titled : "A Multipurpose Prototyping Machine" has been published June 2020 Er. Ajay Kumar, Dr. Ragesh G K, Dr. N. Hariharan, Er. Albins Paul Patent application titled : " Design and Development of IoT Assisted Plant Health monitoring" has been published June 2020 Er. Arya Paul, Dr. Ragesh G K, Prof. Anuroop K B and Prof. Ajay Kumar, Er. Divya V Chandran, Er. Remya Ramesh, Er. Albins Paul, Er. Archana Aniyan. Patent application titled : "Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma" has been published June 2020 Dr Bipin P R Attended 5 days FDP on "IOT and its application in industry", RAIT, Navi Mumbai , June 8-12 2020 June 2020 Savitha Raghavan Attended a webinar on "Low-Power Digital VLSI Design" Conducted by the Department of Electronics and Communication Engineering, KCG College of Technology, Chennai on 29th June 2020. June 2020 Archana Aniyan Participated in the Three Day National FDP on PEDAGOGY TO "PANIC-GOGY"- TECHNOLOGY TO RECOVER BACK from 11th June 2020 to 13th June 2020 organized by BCA Dept., Marian College Kuttikkanam (Autonomous) ECE Dept., Mar Baselios Institute of Technology and Science (MBITS) Kothamangalam & MCA Dept., Amal Jyothi College of Engineering (AJCE) Kottayam, Kerala, India Completed NPTEL online Certification course " Integrated circuits, MOSFETS, OP-Amps and their applications" during Jan-Aprl 2020 Completed NPTEL online Certification course "Effective Engineering Teaching In Practice" during Jan-Feb 2020. Attended a webinar on "DEEP LEARNING USING PYTHON" hosted by Panimalar Institute of Technology in association with Pantech E Learning. Attended a webinar on "Roles

of IOT on industrial applications" hosted by Sethu Institute of Technology in association with Pantech E Learning. Attended a webinar on "Python programming and industrial applications" on 9th June 2020 hosted by Ethiraj college for women in association with Pantech E Learning. Attended a webinar on "Underwater communication systems" on 8th June 2020 hosted by SKN Sinhgad Institute of Technology and Science, Pune in association with Pantech E Learning Participated a webinar on "Enhancing effectiveness of online learning" on 17th June 2020 organized by Amal Jyothi college of engineering Kottayam. Attended Xilinx Webinar on "System Design Flow on Zynq Using Vivado High Level Synthesis" held on 17th June 2020 in association with CoreEL Technologies and Xilinx. June 2020 Remya Ramesh Attended an International webinar on "Protection and Automation of Substation" hosted by Dept. of ECE, Dr.N.P.G Institute of Technology, Coimbatore on 25/06/2020 Participated in the webinar on "Modern Avionics System" lead by Dr U S Paul Russel and hosted by IEEE SB SJCTET on 26/06/2020. Attended a webinar titled "Low-Power Digital VLSI Design" conducted by the Department of Electronics and Communication Engineering, KCG College of Technology, Chennai on 29/06/2020. Participated in the 3 day International Webinar on "COMMUNICATIVE ENGLISH SKILLS FOR ENGINEERING STUDENTS AND FACULTY", conducted by MBITS, Kothamangalam in association with ASAP & TCS from 28/06/2020 to 30/06/2020. June 2020 Aswathy N Completed a course on "AI For Everyone" on Coursera Completed a course on "Introduction to Virtual Reality" on Coursera Done for a 5 days STTP on "Internet of things and its applications in industry" from 08-06-2020 to 12-06-2020 organized by RAIT ACM Attended Xilinx Webinar on System Design Flow on Zynq Using Vivado High Level Synthesis held on 17th June 2020 in association with CoreEL Technologies and Xilinx. Attended a webinar on "INTELLECTUAL PROPERTY RIGHTS" organised by Department of Electronics and Communication Engineering, Musaliar College Of Engineering, Chirayinkeezhu, on 5th June 2020. Passed NPTEL course "Introduction to Industry 4.0 and Industrial Internet of Things". Done for a 3 days STTP on "Nanoscience and Technology-Materials to various Applications" from June 25-28 2020 organized by Amrita School of Engineering, Amritapuri. June 2020 Divya V Chandran Done 5 days STTP on "Internet of things and its applications in industry" from 08-06-2020 to 12-06-2020 organized by RAIT ACM Attended a webinar for Faculty development program on "Outcome based education software" organised by vmedlife software services on 4th June 2020 Attended a webinar on "INTELLECTUAL PROPERTY RIGHTS" organised by Department of Electronics and Communication Engineering, Musaliar College Of Engineering, Chirayinkeezhu, on 5th June 2020. Attended a webinar on "Marine robotics-It's design and applications" organised by IETE chennaicentre in association with SRM institute of science and technology, on 13th June 2020 Passed NPTEL course "Introduction to Industry 4.0 and Industrial Internet of Things" June 2020 Arya Paul Done 5 days STTP on IoT and its application in industry from June 8-12, 2020 Attended a webinar on "INTELLECTUAL PROPERTY RIGHTS" organised by Department of Electronics and Communication Engineering, Musaliar College Of Engineering, Chirayinkeezhu, on 5th June 2020. Attended a webinar on Outcome based education software on 4th June 2020 organized by vmedulife software services. Passed NPTEL course "Problem Solving through Programming in C" June 2020 Anjana S Completed a course on "Symmetric Cryptography" On Coursera. Completed a course on "Asymmetric Cryptography and Key Management" On Coursera. Attended a FDP on "Pedagogy on PANIC -GOGY, technology to recover back" organized by AJCE (11-13 jun 2020). Attended a webinar on "Marine Robotics -Its Design and application" by IETE Chennai association with SRM institute of science and technology (13/6/2020). Attended a webinar on "Enhancing effectiveness of online learning" by AJCE, Kottayam (17/6/2020). Attended a webinar on "Future of World electronics and possible roles India can play" by IEEE bangalore section (9/6/2020). Attended a webinar on "5G communications" by Pantech E learning (10/6/2020). Passed NPTEL course "Effective Engineering Teaching in Practice". June 2020 Anju George Completed a course on "Cybersecurity complete course: hackers tools and softwares" On Udemy. Attended a webinar on "Digitalization in education" on June 3/06/2020 by Aitgits college of engineering, Kottayam. Participated in webinar organised by Department of Mechanical engineering, ASIET in association with UV Care and Daikin Redd on the topic "Introduction to Ultra violet germicidal irradiation (uvgi) using UV C technology for surface sterilization" on 16/6/2020. • Attended completed ATAL

online FDP on Data science conducted by central university of kerala from 9/6/2020 to 13/6/2020 June 2020 Neetha K Attended a 3 day Nation FDP on "Pedagogy to Panic-Gogy- Technology to recover back" on 11-13 th June jointly organized by Amal Jyothi Engineering College, Kottayam, MBITS, Kothamangalam and Marian College , Kuttikanam STTP on Recent trends and applications of ML and DL in IT by Dept of IT ,RAIT May 25-29 • Attended and successfully completed ATAL online FDP on Artificial Intelligence conducted by central university of kerala from 9/6/2020 to 13/6/2020 Attended a webinar on "Cloud Computing with AWS" on 18/06/2020 organized by Vedavyasa Institute of Technology, Malappuram • Attended a webinar on "Marine robotics-It's design and applications" organised by IETE chennaicentre in association with SRM institute of science and technology, on 13th June 2020 Passed NPTEL course "Introduction to Industry 4.0 and Industrial Internet of Things". Participated in the webinar titled "Low-Power Digital VLSI Design" Conducted by the Department of Electronics and Communication Engineering, KCG College of Technology, Chennai on 29th June 2020 June 2020 Neema M Attended a webinar on "Marine Robotics- Its design and Application" on 13/6/2020 organised by IETE Chennai Centre in association with SRM Institute of science and technology Attended Online FDP on "R&D approach to Industry 4.0" held from 3/6/2020 to 5/6/2020 organised by IES College of Engineering Thrissur. June 2020 Albins Paul Completed a course on "Programming for everybody (Getting started with python)" On Coursera Completed a course on "Basic Image Classification with TensorFlow" On Coursera Completed a course on "Python programming essentials" On Coursera June 2020 Prajeesh P A Passed NPTEL course "Microprocessors and Microcontrollers" Paper titled "CHLAD APOCK-IoT Based Security Lock-Security in our hands" has been published in Scopus Indexed (IJEAT) journal. June 2020 Anjaly Gopinath Attended a webinar on "Future of World electronics and possible roles India can play" by IEEE bangalore section (9/6/2020). Passed NPTEL course "Problem Solving through Programming in C". June 2020 Jaimy James Passed NPTEL course " VLSI Physical Design". June 2020 Chinnu S Passed NPTEL course " Computer Architecture" June 2020 Albins Paul Paper Titled "Modified Anpr using Neural Networks" has been published in Scopus Indexed (IJEAT) journal. June 2020 Prasanth P Menon Passed NPTEL course in "Antennas" Passed NPTEL course in "Entrepreneurship" • Completed 100% of the self-paced training course on "MATLAB Onramp" by Mathworks Training services • Attended a webinar on "Fuzzy sets vs Crips sets" organised by the department of Mathematics, Arasu Engineering college, Kumbakonam, Tamilnadu on 6th June 2020 • Attended a Webinar on "Antennas in Bio medical Applications and MIMO technology" organised by Department of Electronics & Communication Engineering in association with ECSA, Jyothi Electronics & Institute of Engineers (IE) India, Students Chapter . Participated in Faculty Development Program on "Nano science and Technology- Materials to Various Applications" June 25-28, 2020 organised by Amrita school of Engineering, Amrita VishwaVidyapeetham, Amritapuri Campus June 2020 Aswathy N, Prameela B, Anju George Paper titled "Ternary Content Addressable Memory" has been published in Scopus Indexed (IJEAT) journal. June 2020 Neethu Suman Paper titled "ADMS- Automatic Diabetic Management System" has been published in Scopus Indexed (IJEAT) journal. June 2020 Akas G Kamal Paper titled "Comparative Study of LBP and Haar features in Real Time Recognition under varying light intensities" has been published in Scopus Indexed (IJEAT) journal. June 2020 Prasanth P Menon Paper titled "Multi Terrain Surveillance Drone" has been published in Scopus Indexed (IJEAT) journal. May 2020 Savitha Raghavan STTP on Recent trends and applications of ML and DL in IT by Dept of IT ,RAIT May 25-29 Completed a course on "Programming for everybody (Getting started with python)" On Coursera. Attended a webinar on Introduction to signal processing by IEEE SPS SBC of IEEE SB ASIET on 15th May, 2020 May 2020 Er. Divya V Chandran, Dr. Ragesh G K ,Er. Arya Paul, Er. Remya Ramesh, Er. Anuroop K B Patent application titled : 'Doily- Sanitary Napkin Vending Machine-Feminine Hygiene' has been published. May 2020 Dr. Ragesh G K (Project investigator) and Prof. Anuroop K B (Co-investigator) A project proposal on " Wearable yoga and meditation device to reduce menstruation effects" has been submitted to Science and Technology of Yoga and Meditation. May 2020 Dr. N. Hariharan, Dr. Ragesh G K and Er. Ajay Kumar Research paper titled "A Compact Microstrip Quadband Bandpass Filter using Six Mode Resonator and a Hairpin Resonator" is accepted for publishing in IJAST Journal ISSN: 2207-6360 (Scopus Indexed) Presented a paper titled "A Review On Energy Efficient Approaches In IoT Networks" in International Conference

on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Dr Ragesh G K Presented a paper titled "Implementation Of Wireless Body Area Network With Wireless Power Transmission Towards IoT Healthcare Applications" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Er. Arya Paul, Er. Divya V Chandran and Er. Remya Ramesh Presented a paper titled "A Novel IoT Based Solution For Respiratory Flow Diagnosis" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Dr. Ragesh G K, Dr Bipin PR, Dr. Hariharan N, Er. Sreerag M, Er. Neema M, Er. Arya Paul, Er. Ajaykumar, Er. Anju George and Er. Prameela B Bagged the certificate of achievement for the outstanding contribution as 'Reviewer' of the International Conference on Advances in Computing, Communication, Embedded and Secure systems (ACCESS'20) organised by ECE department, ASIET May 2020 Er. Anuroop K B , Er. Prameela B Presented a paper titled "An area, delay and power optimized s-box for AES" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Er. Aswathy N, Er. Prameela B, Er. Anju George Presented a paper titled "Ternary Content Addressable Memory" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Er. Anju George, Er. Jaimy James, Er. Aswathy N Presented a paper titled "Reconstruction of MR signals using Block Based OMP Algorithm" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Dr Bipin P R Completed 5 days STTP on Recent Trends and Applications of ML and DL in IT from 25-05-2020 to 29-05-2020 organized by RAIT ACM Attended five days FDP on "AI and Deep Learning" from 11-05-2020 to 15-05-2020 by Eduxlabs. Participated in a webinar on "Antenna design through simulation using TaraNG 19.1" held on 04/05/2020 organised by IEEE MTT-S Kerala section Participated in a webinar on "Introduction to PLC Programming" on 04/05/2020 organized by Skyfi Labs May 2020 Prameela B Research paper titled "Area Optimized Low Noise Amplifier for Narrowband Receiver Applications" by Er. Prameela B is published in International Journal of Microwave and Optical Technology, Vol15, No.3, May 2020 Er. Prameela B Presented a paper titled "High Speed Dynamic Comparator For ADC's" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Er. Prameela B Presented a paper titled "Transient analysis of 6T SRAM in 180nm CMOS Technology" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Remya Ramesh Completed a course on "Introduction to the Internet of things and Embedded systems" On Coursera Attended a webinar Robotic Fundamentals organized by Sreepathy Institute of Management And Technology in association with IEDC - SIMAT, Institution's Innovation Council - SIMAT & IEEE SB SIMAT on 03/05/2020 Attended a webinar "Image Processing using Python" hosted by Mount Zion college of Engineering and Technology in association with PANTECH on 12/05/2020 May 2020 Albins Paul Completed a self-paced training course on "MATLAB Onramp" By MathWorks May 2020 Er. Neethu Suman Er. Neethu Suman and Dr. Neelakantan P. C presented her research paper titled "A Survey & Taxonomy on Mutual Interference Mitigation techniques in Wireless Body Area Networks" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Prajeesh P.A Presented a paper titled "CHLAD APOCK-IoT Based Security Lock-Security in our hands" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Attended a webinar on "Object tracking using ML & Python" on 23rd May 2020 hosted by PANTECH May 2020 Divya V Chandran Completed a 5 days STTP on "Recent Trends and Applications of ML and DL in IT from 25-05-2020 to 29-05-2020 organized by RAIT ACM Completed a course on "Step into Robotic Process Automation" conducted by AICTE Completed a course on "Introduction to the Internet of things and Embedded systems" On Coursera Attended a webinar on "Introduction to Artificial Intelligence" on 03/05/2020 organised by IEEE Women in Power in

association with IEEE Women in computing of ASIET Attended a webinar on "Virtual reality " on 14th May 2020 hosted by Department of Computer science and applications of SRM University in association with Pantech solutions. Attended a webinar on " Introduction to Robotics" on 02/05/2020 organised by IEEE Women in Power in association with IEEE Women in computing of ASIET Attended a wevbinar on "Kinematics for 4 DOF Robotic Manipulator" on 4th May 2020 organised by IEEE SB UKFCET in association with ComSoc SBC and WIE AG Attended a webinar on "Deep learning using python " on 20th May 2020 hosted by Panimalar institute of technology in association with Pantech solutions. Attended a webinar on " Introduction to Signal Processing"on 15th May 2020 organised by IEEE SPS of IEEE SB ASIET May 2020 Akas G Kamal Presented a paper titled "Comparative Study of LBP and Haar features in Real Time Recognition and Monitoring of Human Face" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Aswathy N Presented a paper titled" Automatic Pest Detection And Extraction Robot" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Completed a self-paced training course on "Machine Learning Onramp" By MathWorks Completed a course on "Programming for Everybody (Getting Started with Python)" On Coursera Completed a course on "Cyber security and its 10 domains" On Coursera Attended ATALOnline FDP on "Data Sciences" from 04-05-2020 to 08-05-2020 at MSME - TECHNOLOGYDEVELOPMENT CENTRE (PPDC) Meerut. Completed a course on " The Data Scientist's Toolbox" On Coursera Completed a course on "Build a Deep Learning Based Image Classifier with R" on Coursera Attended webinar on "Getting started with technology fusion:NLP,Graph,Big Data and Machine Learning" organized by IEEE CS MEA SB on may 2 Attended a webinar on " Introduction to Git and GitHub" on 28/04/2020 organised by IEEE CS SBC of IEEE SB ASIET Attended webinar on "Basics and Applications of Nano Sensors" by IEEE SB GEC Thrissur on April 29 2020 May 2020 Ajaykumar Research paper titled "A Compact Microstrip Quadband Bandpass Filter using Six Mode Resonator and a Hairpin Resonator" by Dr.N.Hariharan, Dr.Ragesh G K and Er.Ajay Kumar is accepted for publishing in IJAST Journal ISSN: 2207-6360 (Scopus Indexed) Dr.N.Hariharan, Dr.Ragesh G K and Er.Ajay Kumar presented a paper titled "A Review On Energy Efficient Approaches In IoT Networks" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Archana Aniyam Completed a course on "Artificial Intelligence Introduction" On Udemy. Attended a webinar on " HOW ML WORKS FOR OPENCV APPLICATIONS" on 18 th MAY 2020 hosted by Pantech Learning Attended a webinar on "TRENDS AND TECHNOLOGIES ON VLSI" On 17 th MAY 2020 hosted by Pantech Learning May 2020 Savitha Raghavan Presented a paper titled "E Cradle" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 May 2020 Arya Paul Completed a course on "Introduction to the Internet of things and Embedded systems" On Coursera Completed 5 days STTP on Recent Trends and Applications of ML and DL in IT from 25-05-2020 to 29-05-2020 organized by RAIT ACM Completed a course on " Step into Robotic Process Automation" conducted by AICTE Attended a webinar on " Introduction to Artificial Intelligence"on 03/05/2020 organised by IEEE Women in Power in association with IEEE Women in computing of ASIET Attended a webinar on "Kinematics for 4 DOF Robotic Manipulator" on 4th May 2020 organised by IEEE SB UKFCET in association with ComSoc SBC and WIE AG Attended a webinar on " Introduction to Robotics" on 02/05/2020 organised by IEEE Women in Power in association with IEEE Women in computing of ASIET Attended a webinar on "Deep learning using python " on 20th May 2020 hosted by Panimalar institute of technology in association with Pantech solutions. Attended a webinar on " Introduction to Signal Processing"on 15th May 2020 organised by IEEE SPS of IEEE SB ASIET May 2020 Anjana S Presented a paper titled "Assistive Technology For Paralyzed People Using Brain Machine Interface" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Completed a course on "Introduction to Augmented Reality and AR Core " On Coursera Completed a course on "Classical Cryptosystems and core concepts" On Coursera Completed a course on "Programming for everybody (Getting started with python)" On Coursera Attended a webinar on "Micro Nano Systems Technology and Processes- An Industry Perspective"

organized by dept of ECE in association with ISTE students chapter ,Saint Gits college of engineering on May 25th 2020 Attended a webinar on " Introduction to Signal Processing"on 15/05/2020 organised by IEEE SPS of IEEE SB ASIET May 2020 Neetha K Presented a paper titled "Microplastic Detection In Water Using Image Processing" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Completed a course on "Programming with Python : Hands on Introduction for beginners" On Udemy Completed a course on "Cyber security and internet of things" On Coursera Completed a course on "Introduction to Augmented Reality " On Coursera Completed a course on "Programming for everybody (Getting started with python)" On Coursera Attended a webinar on " IoT using Arduino" on May 13, 2020 Attended a webinar on " Virtual reality" on May 14,2020 May 2020 Sreerag M Attended a webinar on "Antenna Design through Simulation using TaraNG 19.1" organised by IEEE MTT-S Kerala section in association with numeregion technologies on 3/5/2020 Attended webinar on "Geometry modelling in HFSS" as part of Webinar Series on RF & Antenna Design using ANSYS HFSS by entuple technologies on 4/5/2020. May 2020 Jaimy James Attended 5 days AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 30-04-2020 to 04-05-2020 by Dr. Babasaheb Ambedkar Technological University, Lonere. Attended a webinar on " Human-Centred Design and Innovative Problem Solving " by Mr. JAYAKRISHNAN DIVAKARAN on 11/05/2020 organised by IEEE student branch of Rajadhani Institute of Engineering and Technology. May 2020 CHINNU S Attended a webinar on " Human-Centred Design and Innovative Problem Solving " by Mr. JAYAKRISHNAN DIVAKARAN on 11/05/2020 organised by IEEE student branch of Rajadhani Institute of Engineering and Technology. May 2020 Anjali Gopinath Presented a paper titled "Kinesics Articulation" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Completed a self-paced training course on " Machine Learning Onramp " By MathWorks Completed a self-paced training course on " Deeplearning Onramp " By MathWorks. Completed a course on "Python basics" On Coursera Attended ATAL FDP on " Cyber Security" May 2020 Prasanth P Menon Presented a paper titled "Multi Terrain Surveillance Drone" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET,Kalady from May 28-30, 2020 May 2020 Anju George Completed a self-paced training course on " MATLAB Onramp " By MathWorks Completed specialization on IT fundamentals for cyber security by IBM Completed a course on "Cybersecurity roles,processes and operating system security" On Coursera. Completed a course on "Introduction to Cybersecurity tools & attacks" On Coursera. Completed a course on "networksecurity and database vulnerabilities "on coursera. Completed a course on "cybersecurity compliance framework and system administration" On Coursera. Attended and successfully completed ATAL online FDP on cyber security conducted by NITTTR,Chandigarh from 14/5/2020 to 18/5/2020 May 2020 Neema M Presented a paper titled "Skin lesion/cancer detection Using Deep Learning" in International Conference on Advances in Computing, Communication, Embedded and Secure Systems ACCESS'20 held at ASIET, Kalady from May 28-30, 2020 Completed the course "A practical Introduction to Cloud Computing" in Udemy Attended a webinar on " Introduction to Signal Processing"on 15/05/2020 organised by IEEE SPS of IEEE SB ASIET April 2020 Dr Ragesh G K, Mr Ajay Kumar, Dr Hariharan N, Mr Anuroop K B, Albins Paul, Arya Paul, Divya V Chandran Filed 4 Patent applications on cutting edge technologies which are already funded by CERD, APJ AbdulKalam Technological University under Research Seed Money scheme and Institution of Engineers, India March 2020 Mr.AjayKumar and Dr.N.Hariharan The research paper titled "DCRL-RPL: Dual Context based Routing and Load Balancing in RPL for IoT Networks " has been accepted for publishing in IET Communications (SCI indexed) April 2020 Dr Bipin P R Completed a self-paced training course on "Deep Learning Onramp"on April 17th by MathWorks Participated in a webinar on "Artificial Intelligence Programming using MATLAB" on 11th April 2020 organized by CoreEL Technologies, India Participated in a webinar on "Basics and applications of Nano sensors" held on 29/04/2020 organised by PES chapter,IEEE SB GEC Thrissur April 2020 Prameela B Completed course on "Machine Learning Onramp" on April 21st 2020 by MathWorks Attended webinar on "Art of Writing Research Paper"on 15th April 2020 organised by IEEE PES SBC ASIET. April 2020

Savitha Raghavan Completed course on Machine Learning A-Z: hands -on Python & R In Data Science in UdeMy April 2020 Aswathy N Completed a self-paced training course on "Machine Learning Onramp" by MathWorks Completed a self-paced training course on "Deep Learning Onramp" by MathWorks

Awards/Recognitions_Faculty

Awards/ Recognitions_Students

Placements

Entrepreneurship

Higher Studies

Department Newsletter

GENESIS 2024

June

May

April

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GENESIS 2023

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GENESIS 2021

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June

May

April

March

February

January

Gallery

Department of Electronics and Communication Engineering, Adi Shankara Institute of Engineering & Technology, Kalady organized a 3 day Technical Staff Skill Up gradation Program "Python programming for beginners with an introduction to IoT " on 10th , 11th

Mr. Albins Paul conducted an introductory session onNIRF & ARIIA for the faculties of Electronics & Communication Engineering Department,ASIET on 18/02/2021 at ECE seminar hall.

Research seminar series has been started in ECE on 23.02.2021. The series is conducted under the supervision of Prof. K G Balakrishnan, Advisor and Dean Research. Dr. Ragesh G K presented a topic titled " Cluster Computing"

MY STORY- MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR::Mr. Joy Sebastian

MY STORY- MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR::Shri. Santhosh George Kulangara

Two MoU's were signed- Digital Core Technologies Pvt. Ltd. (Kochi based Embedded System Technologies and having 8 to 35+ years of system design and Product Development Experience). and with AIC- Indian Institute of Information Technology (Institute of N

AICTE sponsored five days faculty development program on Robotics & Industrial Revolution on 7th September to 11th September 2020.

Online-webinar_news

International Conference : ACCESS'20: from May 28-30, 2020:Tutorial Session V_Dr. Thomas Joseph Topic: Selective Launch Techniques for Enhancing Data rates in Multimode and Few Mode Fibers Saturday, May 30·10:30am – 12:00pm

International Conference : ACCESS'20: from May 28-30, 2020:Tutorial Session IV_Er. Robin Tommy Topic: Social Innovation and its impact Saturday, May 30·9:00 – 10:30am

International Conference : ACCESS'20: from May 28-30, 2020:Tutorial Session III_Dr. S Raghavan Topic: Microwave Integrated circuit filters, Design Friday, May 29·1:00 – 2:30pm

International Conference : ACCESS'20: from May 28-30, 2020:Tutorial Session II_Dr. Harigovindan V P Topic: Non-Orthogonal Multiple Access (NOMA) for 5G and Beyond Friday, May 29·9:00 – 10:30am

International Conference : ACCESS'20: from May 28-30, 2020:Tutorial Session 1_Dr.Lakshmi Narasimhan Theagarajan Topic: Sparse Signal Processing Thursday, May 28·1:30 – 3:00pm

International Conference : ACCESS'20: from May 28-30, 2020: Keynote Address_ Dr. Pao-ann Hsiung Topic: Deep Neural- Network-based data reconstruction for landslide prediction Thursday, May 28·11:00am – 1:00pm

FDP on Artificial Intelligence and Machine learning

App Development workshop using Flutter

Abhyudaya 2019

Python Programming Workshop

3- Day workshop for technical lab staff: "Lab Staff Skill Upgradation Workshop-2019"(LSSUW 2019).

Second version of Uddyotana

FDP : 'Industry 4.0- Techno- logical Advances & Implications'

"Introduction to Deep Learning"

"Hands on workshop on NS2"

Talk on Electronics in Ship Design by Mr.Anish S, Asst General Manager design, Cochin shipyard

PTA meeting for S7, S5, S3 and S1 was conducted on 18th, 19th ,20th and 28th of Sept.2019

One day workshop on 'Cybersecurity facts and tools'

'Electronic Product Building' , Two days Industry level workshop

"Uddyotana 2K20 version 3", One day workshop for Mathematics teachers

First year student's(2019-2023 batch) microprojects exhibition

Workshop on NI LabView and USRP

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

Phone :

Tel: 0484-2463825, 2466066, 2461933

+91 9880855302 (Principal)

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Mob : 9995533744

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Download Brochure

Call us +91 9995533744

Useful Links:

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IEDC

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Alumni

NAAC

NBA

NIRF

ARIIA

Careers

CAREER-CONNECT

Admission 2024

Login

Grievance redressal Student login Staff login Parent login Alumni login

Contact Us

0484-2463825, 2466066, 2461933

College Code:

Admission

Electrical & Electronics Engineering

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The Electrical and Electronics Department, established in 2001 and affiliated with Kerala Technological University, is a hub of innovation and learning in electrical engineering and electronic technologies. Offering B.Tech in Electrical and Electronics Engineering and M.Tech programs in Power Electronics and Power Systems, and recognized as an approved research center under KTU, the department combines theoretical foundations with practical applications. Our state-of-the-art laboratories, experienced faculty, and strong industry connections create an enriching environment for research and hands-on learning. Through cutting-edge projects, industry collaborations, dynamic student clubs, and community development initiatives we foster a culture of innovation and leadership, empowering students to excel in their careers and contribute meaningfully to society.

Department Highlights

NBA Accreditation: Recognized excellence by National Board of Accreditation till June 2025

22 Years of Excellence: A proven track record of providing high-quality education and fostering innovation for over two decades.

Strong Placement Records: Ensuring promising career opportunities for EEE graduates.

Innovative Student Projects: Showcasing creativity, including the development of two electric vehicles, drones, hydrogen generation system.

Vidyuth Initiative: Community development through the electrification of over 100 homes, demonstrating a commitment to social impact.

Solar Power Sustainability: A 30 Kwp solar power plant installed and maintained by EEE, emphasizing environmental responsibility.

Industry Collaborations: Partnerships with prominent companies such as InQbe Innovations Pvt.Ltd., MTTC International LLC, Riid Logic PVT.Ltd., L&T Switchgear, Nest Institute of Fiber Optic Technology Pvt. Ltd, Athul Energy Consultant and BEACON Energy Storage Systems Pvt.Ltd. for real-world exposure.

Professional Societies: Active engagement in IEEE Power & Energy Society (PES), IEEE Industry Applications Society (IAS), and Society of Energy Engineers and Managers (SEEM) for networking and professional development.

Add-on courses: Enhance electrical engineering expertise with supplementary courses in Autocad, Autodesk Revit, Autocad Electrical, Embedded Systems, Python, IoT, and AI, Data Science providing practical skills and preparing for diverse industry demands.

Courses Offered

B.Tech in Electrical and Electronics Engineering with an intake of 60 students (started in 2001)

M.Tech in Power Electronics and Power Systems with an intake of 18 (started in 2012)

Ph.D in the thrust area of Power Electronics (started in 2023)

Faculty Strength

Total: 17 teaching faculty and 5 non-teaching staff

Faculty with PhD - 5

Pursuing PhD - 8

Department Achievements

IEEE IAS CMD Humanitarian Contest Award in 2024

1 KTU RSM funded project (Rs.67,000) in 2024

2 CERD funded projects in 2024

1 patent granted in 2024

Financial support Rs.5.5 lakhs from MSME Idea Hackathon 3.0 (for women) in 2024

IEEE IAS CMD Humanitarian Contest Award in 2023

1 student member in KTU Basketball Team in 2023

IEEE Outstanding Student Branch Counsellor Award, Kochi Subsection in 2023

Best NSS Program Officer Awards (from President of India in 2021, KTU in 2021 & 2020)

National level silver award from SEEM in 2017

IEEE Outstanding Student Branch Counsellor Award, Kerala Section in 2017

1 Certified trainer for Electrical Systems Design software

NBA Accreditation Status

March 2018 - June 2021 Ref - F.No.26-56-2016-NBA, Dt : 29/03/2018

Extension (1 Year) Ref - F.No.26-56-2016-NBA, Dt : 02/07/2021

Reaccreditation till 30.06.2025 Ref - F.No.26-56-2016-NBA, Dt : 26/08/2022

Vision

To be an exemplary department in electrical engineering to facilitate value imbued quality professionals.

Mission

Impart state of the art knowledge in Electrical and Electronics Engineering field.

Inculcate the culture of Research and lifelong learning.

Facilitate the professionals with commitment towards social & ethical values.

Program Educational Objectives (PEO)

Graduate will handle the modern tools and take diverse career path/research/higher education.

Graduate will excel in career with managerial and leadership qualities.

Graduate will have skills to work in teams with integrity and ethical values.

Program Specific Objectives(PSO)

Graduates will be able to analyze design and provide engineering solutions in the areas related to Power Electronics, Drives, and Power Systems.

Graduates will be able to apply domain specific knowledge to provide solutions in the areas related to Control & Automation and Electrical system Design

NEWS

IEEE IAS Humanitarian Award Contest Winners 2024

Aug

01

IEEE PES R10 India Council Chapters - Annual Global Workshop

Jul

15

Virtual lab training

Jul

12

Ms. Haritha K J, Selected for a financial assistance of Rs.5.5lakhs from MSME

Idea Hackathon 3.0 (for women) for her idea Smart Energy Metering System

Jul

12

Decennial celebrations of Vidyuth, a decade long legacy of social commitment

Jul

12

National level 6-day FDP

Jul

01

Skill Enhancement Workshop for Technical Staff

Jun

20

CERD funding for Green Hydrogen Generation

Jun

12

CERD funding for EV Tripe Energy Storage System

Jun

12

Mr. Sijo George receiving NSS National Award for the Best Program Officer from Honorable President of India

Jan

26

What Our Students Say

Sreenidhi Pisharody (2008-12 EEE)

Senior Software Engineer, Robert Bosch

My experience with ASIET was very positive. The management and staff of this college is very helpful to students to develop their skills, ability, knowledge of conducting courses, training programs. The placement trainings are given which are useful to face interviews. With the help of ASIET I have substantially improved my basics of EEE. I am proud to be graduate from this esteemed institution (2008-2012 batch EEE). With due respect and humility, I thank my faculty and staffs who played an integral part in carving my future studies and career development. I wish ASIET to conquer great heights in future endeavors.

Sajith G R (2001-05 EEE)

Sr. Manager (Operations), The Uralungal Labour Contract Co-operative Society Ltd., Kozhikode

The Electrical and Electronics Engineering department at ASIET is dedicated to

cultivating passionate technologists prepared for the dynamic field of electrical and electronics technology

Vinayak Mohan (2003-07 EEE)

Project Manager, Team Lead Engineer (Transformer Specialist) at Abu Adel Engineering and Mechanical Services, Doha Qatar

In my opinion, the EEE department at ASIET provides a comprehensive and well-rounded education with a strong emphasis on both theoretical knowledge and practical skills. The faculty members are highly knowledgeable and supportive, fostering an environment that encourages innovation and critical thinking. Overall, I am very satisfied with the quality of education and the opportunities for growth in the EEE department.

Rohith Nandakumar KAS (2009-13 EEE)

Deputy Collector, Trissur, Kerala

The life at ASIET, with the opportunities and exposure it gave me shaped my dreams to be a civil servant. It made me competitive and aspirational. My department was fun, open to ideas and encouraged me to pursue all paths, engineering or otherwise

Akshay K R (2015-19 EEE)

Electrical Officer, Synergy Oceanic Services

The EEE department has been instrumental in shaping my career, providing me with a strong foundation in electrical engineering principles and practical skills. The rigorous curriculum and supportive faculty prepared me to excel in my role as an Electrical Officer, where I ensure the safety and efficiency of electrical systems onboard. My time in the EEE department instilled a passion for innovation and problem-solving that continues to drive my professional growth.

Sruthy Sajith (2013-17 EEE)

Train Validation Engineer, Alstom Transport India Limited

I feel grateful about the opportunity of being a student in the Electrical & Electronics Engineering department of Adi Shankara Institute of Engineering & Technology, which opened doors to a fascinating world of innovation and problem-solving. I cherished the support and guidance provided by our faculty in imbibing valuable skills and discipline which has fuelled me to grow, both personally and professionally. The faculty's passion for teaching and their commitment to student success have made a significant impact on my life, and is a virtue which i wish to replicate personally in my own right.

Jagadeesh S R (2004-08 EEE)

DIRECTOR, LAMOS TECHNOLOGY SOLUTIONS PVT LTD

Electrical Engineering Department was my launching pad to success. The faculty's guidance, state-of-the-art facilities, and innovative projects prepared me for a rewarding career. I cherish the memories of teamwork, late-night studies, and milestones achieved. As an alumnus, I'm proud to be part of a legacy that empowers students to shape the future of electrical engineering.

Antresa Paulose (2019-23 EEE)

Federal Bank

As an alumnus, my college experience was transformative, providing both academic rigor and personal growth. The vibrant campus culture fostered lasting

friendships and a strong sense of community. Engaging with dedicated faculty and diverse extracurricular activities enriched my learning journey.

Department Advisory Board

Dr. Asha Elizebath

Academician, Professor & HOD, Electrical Engineering Division, School of Engineering CUSAT

Mr. J Manoharan

Industry Expert, Head, E-Mobility Division, ANERT

Mr. Deepak Sukumaran

Alumni, Deputy Manager, Maintenance of Electrical Division, FACT

The Department of Electrical & Electronics Engineering offers

B.Tech in Electrical and Electronics

M.Tech in Power Electronics and Power Systems

National and International Student Chapters

IEEE STUDENTS BRANCH

INDUSTRIAL APPLICATION SOCIETY

SOCIETY OF ENERGY ENGINEERS AND MANAGERS

IEEE PES STUDENTS CHAPTER

Program Specific Outcomes (PSO)

PSO1: Graduates will be able to analyze design and provide engineering solutions in the areas related to Power Electronics, Drives, and Power Systems.

PSO2: Graduates will be able to apply domain specific knowledge to provide solutions in the areas related to Control & Automation and Electrical system Design

Programme Outcome (PO)

P01 Engineering knowledge :

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

P02 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.

P03 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.

P04 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.

P05 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.

P06 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.

P07 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.

P08 Ethics :

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09 Individual and team work :

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010 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.

P011 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.

P012 Life-long learning :

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

Dr. Deepa Sankar

HOD & Associate Professor

Dr. P Jeno Paul

Professor

Dr. Babu Paul

Professor

Gomathy S

Associate Professor

Anitha P

Associate Professor (Pursuing Ph.D)

Dr. S Subiramonian

Associate Professor

Dr. Sreena Sreekumar

Associate Professor

Rajalakshmy S

Senior Assistant Professor

Sijo George

Associate Professor (Pursuing Ph.D)

Anna Baby

Assistant Professor (Pursuing Ph.D)

Rajitha A R

Sr Assistant Professor (Pursuing PhD)

Remya K P

Assistant Professor (Pursuing PhD)

Sreehari S

Assistant Professor(Pursuing PhD)

Alan Mathew George

Assistant Professor(Pursuing PhD)

Hima T

Assistant Professor (Pursuing Ph.D)

Akhila K

Assistant Professor (Pursuing Ph.D)

Ashna Mohan

Assistant Professor (Pursuing Ph.D)

Viju M C

Lab Instructor

Dr. Tony George

Associate Professor [On Leave]

Lyson John

Lab Instructor

Santhosh N N

Lab Instructor

Remya Varghese

Lab Instructor

Venugopal R

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

ELECTRICAL MACHINES LABORATORY

CONTROL AND SIMULATION LABORATORY

CIRCUITS AND MEASUREMENTS LABORATORY

DIGITAL AND ELECTRONICS LABORATORY

POWER ELECTRONICS LABORATORY

PROGRAMMING AND SIMULATION LABORATORY

POWER SYSTEMS LABORATORY

PROJECT LABORATORY

ELECTRICAL ENGINEERING WORKSHOP

RENEWABLE ENERGY LABORATORY

ASIET - BECON INDUSTRY COLLABORATED LABORATORY

Research Lab

Academic Research Highlights

Recognised & Approved Research Center under APJ Abdul Kalam Technological University

External Funded Research projects

Offers Ph.D. programmes

Flexible and Adaptive Electrical Research Group (FLARE) to work on solutions for real-world engineering problems

Research lab equipped with state-of-the-art technology, including a spectrum analyzer, high voltage test stand, and battery charging system, alongside software tools like ETAP and ECAD

Student Publications https://www.adishankara.ac.in/images/files/720/EEE_StudentPublications.pdf Faculty Publications <https://www.adishankara.ac.in/images/files/773/EEE-FacultyPublication.pdf> Faculty Pursuing Ph.D https://www.adishankara.ac.in/images/files/718/EEE_FacultyPursuingPhD.pdf Faculty Google Scholar Details <https://www.adishankara.ac.in/images/files/719/EEEGoogleScholarLinks.pdf> External Funded Projects https://www.adishankara.ac.in/images/files/717/EEE_ExternalFundedProjects.pdf Internal Funded Projects https://www.adishankara.ac.in/images/files/721/EEE_InternalFundedProjects.pdf Patent Details https://www.adishankara.ac.in/images/files/716/EEE_PatentDetails.pdf Details of FLARE https://www.adishankara.ac.in/images/files/722/EEE_FLARE_details.pdf

Month and Year Activity Name Details June 2024 Farewell by Department The EEE Department bid farewell to the dear students of the 2020-24 batch, wishing them success and offering best wishes for their future, while creating cherished memories together. June 2024 Project Exhibition A project exhibition was held on June 5, 2024 at the college. Parents who were there for the KEAM exams of students also visited the exhibition at the college. June 2024 Skill Enhancement Workshop The EEE Department organized a skill enhancement workshop for technical staff on June 20-21, 2024, in the Programming and Simulation Lab. It was inaugurated by Dr. Sreepriya S (Principal-in-charge) on 20/06/24. The sessions, led by department experts, focused on advanced techniques and emerging technologies. May 2024 Faculty Professional Enrichment Programme The FPEC Cell at ASIET held a faculty enrichment program for EEE Department faculties on May 23, 2024, from 2pm to 3pm in EEE Seminar Hall. Dr. Debanand Singdeo, a Senior Engineer at Math Works India Pvt Ltd, handled the session discussing the industry and academic research trends in electric vehicle. May 2024 Project Exhibition Final year project evaluation and exhibition was held on May 7, 2024 in the EEE project lab. May 2024 MoU Signed On May 2, 2024, the EEE Department signed an MoU with MTTC International LLC. This partnership aims to offer industry-oriented training, certification courses, and internships in HVAC and MEP installation, design, and maintenance. Additionally, it will provide expert talks, workshops, and industrial visits to enhance student learning and project guidance. May 2024 Au revoir Our twentieth batch of graduates officially completed their academic session and are ready for the next phase. The juniors bid them farewell by saying "Au revoir". The farewell ceremony took place on May 17, 2024, at the main auditorium. It was filled with a joyful session of games and sharing of experiences as they looked back into their time at the institution. Aprill 2024 Expert Talk from IDP International IDP International Education Specialists recently hosted a talk on career guidance and higher studies for S8 EEE students on 02/04/24. The session offered valuable insights into various opportunities available, helping students to be aware about the different future paths. Aprill 2024 Faculty Professional Enrichment Program Faculty Professional Enrichment Program organized by FPEC was held on 12/04/24, Mr. Balaji Kannan, Senior Electrical Engineer from ETAP, led an enlightening session for our esteemed EEE Department faculty members, from 9 am to 4 pm, at the power systems lab. Aprill 2024 Energy Awareness Session KSEB officials conducted an energy awareness session on 22/04/24 for EEE students. The session aimed to educate students about energy conservation and sustainable practices. Aprill 2024 Visit to College Solar Plant On 24/04/24, as a part of IEEE PES Day '24, students were taken to visit the college solar plant. Mr. Sreehari S, Assistant professor, EEE handled the session. The goal was to teach students about solar power generation and its significance. Aprill 2024 Industrial Visit for Standards club members Bureau of Indian Standard (BIS), Cochin organized an industrial visit for ASIET's Standards Club Members. The team visited Shakthiman Extrusions Pvt Ltd., a top pipe manufacturing company, on 03/04/24. The visit aimed to familiarize students with industrial standards and processes. Aprill 2024 LAARC Paniyeli Kanaka Public Library was renovated and modernized under the leadership of the IEEE SB ASIET. It was renovated as part of IEEE's Humanitarian Project. The library which opened in 1963 was in a very deplorable condition due to its ageing. March 2024 Workshop on Industrial Safety Workshop on industrial safety and fire evacuation mock drill was conducted for fourth-year students on Tuesday, March 5, 2024, led by Mr. Jinson Thomas, HSE Trainer in Salama School of Safety Studies. Lab instructors from EEE department also attended the

workshop. March 2024 Session on Career Prospects Session about career opportunities in industrial automation was organized by the EEE Department for S8 students on 19/03/24. Mr. Alex Paulson, Coordinator of Steer Technologies, conducted the session in the EEE seminar hall. March 2024 SEEM Go Green Quiz SEEM SB ASIET recently hosted the "Go Green Quiz" on March 19, 2024. Students from all four years enthusiastically took part, making the event a success. First prize won by Arya, Aravind and Athira of S2 EEE and second prize winners were Adarsh, Aiswarya and Rosmin of S6 EEE. February 2024 SEEM (Society of Energy Engineers and Managers) conducted an induction program for first-year students. It served as an informative session for newcomers to understand the role they can play in energy management and engineering February 2024 Two-day workshop focusing on innovative projects for conserving energy and water in domestic agriculture Kerala Environment Climate Change Department's Environment Management Program, Led by the Bhoomithrasena club and NSS unit February 2024 Kalamassery Government Polytechnic College recently hosted an exhibition Our students participated by showcasing various projects. The event provided a platform for students to display their innovations and skills February 2024 Industrial visit to the Munnar-Pallivasal Hydroelectric Project The purpose of the visit was for students to learn about the working of the HEP. The visit included sight-seeing spots such as Kundala Dam, Echo Point, and Mattupetty Dam. January 2024 School outreach program Sessions focused on career awareness, the scope of circuit branches in engineering, and information about competitive exams after 12th grade January 2024 School outreach program Took place at Mar Kouma HSS, Vengoor, Perumbavoor on 19/1/24. January 2024 Faculty Professional Enrichment Cell organized a session on AutoCAD and REVIT MEP This initiative ensures that faculty members stay updated with the latest tools and knowledge, fostering a dynamic learning environment for students. December 2023 School Outreach Program For students of grades 10, 11, and 12 at Kasturba English medium (Sr.Sec) school, Manjummel on December 6, 2023 November 2023 KSEBA Quiz KSEBA and ASIET associated for Quiz for enthusiastic students . November 2023 VIDYUTH 24 VIDYUTH 24 launched by department which is an initiative to address electricity deprivation in unprivileged households. October 2023 SARJANA'23 - Project Expo A 3-day Science, Technology, Art and Cultural exhibition hosted by Christava Mahilalayam Public School. October 2023 Alumni Interaction session Final-year students engaged in a valuable Alumni Interaction session with Mr. Deepak Sukumaran (2004-2008, EEE). October 2023 Python workshop by Algo Clans AlgoClans, the coding club of the Electrical and Electronics Engineering Department at ASIET, organized an insightful Python workshop to equip students with essential coding skills. September 2023 National level Symposium by IEEE Kerala Faculty members & S7 EEE students attended the National level Symposium on Emerging Technologies for Green Energy organised by the IEEE Kerala section in association with BPCL conducted on 8th and 9th of September 2023. September 2023 GATE Orientation S5 students embarked on an exciting journey towards GATE exam success during an engaging orientation session on September 7th, 2023, in collaboration with One's Academy. August 2023 International conference on "Sustainable Energy Technology Solutions-ICSETS 2022 For Future Demands" Department had organized an International conference on "Sustainable Energy Technology Solutions-ICSETS 2022 For Future Demands" on 5th and 6th of August July 2023 SEMINAR ON "PATENT FILING AND DRAFTING" Department of EEE and Research cell conducted seminar on Patent filing and Drafting . This seminar was addressed by Mr. Nagarajan N, Technical Director and leading patent analyst at NSKD Techno R&I Solutions in Dharmapuri June 2023 ASPREN '23-PROJECT EXHIBITION Exhibition & Competition of selected Projects done by final year students. The aim of the exhibition is to encourage innovative ideas of students. About 1500 students from various schools visited the Exhibition. June 2023 MOU SIGNED The department of EEE signed a MOU with Rioid Logic Pvt limited which conducts Research work in the field of Electric vehicles. June 2023 Farewell To Outgoing Students Farewell And Wishing All The Best To our Dear Outgoing Batch of EEE May 2023 Energy conservation program Energy Management Center Kerala Sanctioned Energy conservation awareness programme in connection with G20 Initiative. May 2023 Industrial Visit S2 EEE , Industrial visit to ANERT Renewable Energy Park on 12th May 2023 S4 EEE , Industrial visit to Banasura Sagar lake floating solar Project on 2nd May 2023 S6 EEE, Industrial visit to Rainbow pipes Industries, Manipal on 6th May 2023 April 2023 Technical talk on "System

Engineering Approach to EV Design and EVCharging station" Talk by Mr. Manoharan J, Head & Nodal Officer, E Mobility division, ANERT HQ, Thiruvananthapuram for EEE students April 2023 Technical talk on "New Horizons in Coding" Talk by Mr. Satheesh V Menon, Senior Manager & Data Architect, TCS, Kochi for all EEE students April 2023 Technical Talk on "EV and Renewable Energy-Technology, Challenges and Opportunities" Talk by Mr Abhinav R, Junior Research Fellow, IIT Palakkad for final & prefinal year students March 2023 Technical talk on "Roles and Responsibilities of Engineers in Cochin Port" Session was handled by Mr Durai Pandian, Chief Mechanical Engineer, Cochin Port for all EEE students March 2023 Training on IOT & Python Training was conducted by LCC Computer Education for S4 students December 2022 One week CAD Training - AutoCAD, AutoCAD Electrical and Revit MEP Training was conducted by CAD Campus ,Aluva for S5 students. October 2022 Career Guidance Session Session was given to S5 EEE Students by ONES Academy October 2022 An orientation programme on " Familiarization and utilization of facilities available in FABLAB" Sessions were handled by Mr. Sandeep O S (ME Dept), FAB Lab in charge along with Mr. Alan Mathew George (EEE Dept), Department Lab in charge for S3,S5 & S7 Students September 2022 Training on AI Python Training was conducted by LCC Computer Education for S7 students August 2022 International conference on "Sustainable Energy Technology Solutions - ICSETS 2022 For Future Demands" Conference was organized by EEE Department, ASIET, Kalady for Faculty Members, UG, PG & Research Scholars August 2022 Invited Talk on "Sustainability in Civil Engineering Construction" The sessions were handled by 1)Dr. S.Bagavathy Perumel Prof and Head, Sairam Engineering College, Tambaram, Chennai 2) Dr. Raju Aedlr,Research scientist, Global center for natural resources and science, Kumamoto university Kumamoto, Japan for Faculty Members, UG, PG & Research Scholars August 2022 Invited Talk on "Tapping Renewable Energy for Future Energy Needs" The sessions were handled by 1) Dr. M. Mercelin Beno,Professor and Vice Principal, St. Xavier's Catholic College of Engineering, Nagercoil 2) Dr. Umashankar Subramaniam,Associate professor, EEE, Prince Sultan University, Saudi Arabia for Faculty Members, UG, PG & Research Scholars August 2022 Invited Talk on "Sustainable Energy Technology Solutions" The sessions were handled by 1)Dr. Joseph Sekar,Mechanical Engineering Department, University of technology and applied science, Shinas, Oman 2) Dr. R. Edwin Raj,Professor at National rail andtransportation Institute (NRTI)Gujarat, India for Faculty Members, UG, PG & Research Scholars March 2022 An Additional Skill Development Course of 42 hours (7 days) duration on Auto CAD, Auto CAD Electrical and REVIT Mep Training was conducted by CAD Campus for S7 students. February 2022 Alumni Webinar Series on Transformer Life cycle Management Webinar was taken by Mr Vinayak Mohan for all students February 2022 Career Guidance Session Session was handled by CGP Career Avenues, Trivandrum for S3 & S5 students January 2022 Webinar on Lithium Products and its importance in today's energy scenario Webinar was presented by Mr.Kuruvila Joe,Product Manager, Beacon Energy Storage Systems for all students. January 2022 GATE Orientation Class Gate Orientation and Demo Class was given to S5 EEE Students by ONES coaching Centre January 2022 Training on IOT & Python Training was conducted by LCC Computer Education for S3 students December 2021 Talk on Energy Conservation and Electrical Safety Session was handled by Officials from KSEB Limited for final & prefinal year students December 2021 Awareness Program on Energy Management and Conservation Session was handled by Dr.C Jayarama Managing Director,EQUINOCT for all students November 2021 Awareness on Energy management & Green Energy Conducted by Energy Management & Environmental Protection Cell for first year students. November 2021 Training on "IOT and Python Training was conducted by LCC Computer Education for S3 students October 2021 Technical Mock Interview Session Session was handled by Mr. N Sankar Varma, Retd KSEB Engineer for the S7 students. September 2021 Training program on AI and Python Training was conducted by LCC Computer Education for S7 students. August 2021 Webinar on the topic,"Renewable Energy Market in India and Employment Opportunities" Webinar was presented by Mr abraham Joseph,Director,Beacon Energy Storage Systems for all students. July 2021 Online Aptitude Training Conducted by the department for third year students June 2021 webinar on "Global Career opportunities & Placement Organized by Department in association with EazyLink Academy for final and prefinal year students June 2021 Webinar on Ecosystem Restoration Webinar was presented by Mr Manoj Kumar for the registered students. May 2021 webinar on EV Battery

Charging Technology & Control Strategies Webinar was presented by Ms Rajitha A R , Asst professor EEE Dept, ASIET for students from all batches of EEE May 2021 Awareness Program Career orientation class on Data Analysis with MySQL and Python for Data Science by Ekeeda for May 2021 Awareness Program A GATE demo Class and Orientation by ONES Academy in association with IIPC Cell for S4 Students April 2021 Industrial Training in the area of Power Electronics and Battery Management Training was conducted Beacon Energy storage System for final year UG and PG students March 2021 webinar on the "Importance of Energy conservation" Webinar was presented by Mr Adil Naseer, Asst Professor, College of Engineering Kidangoor for S1 & S3 students February 2021 Awareness Program An awareness program on National Innovation and Startup Policy by Er Ajay Basil for the faculty members of EEE Department on 24th February in the EEE Seminar hall February 2021 Awareness Program An awareness Program on NIRF and ARIIYA Ranking was presented before all the staff members of EEE department by Ms Deepa Sankar and Mr Sijo George on 18th February in the EEE Seminar Hall. January 2020 Motivational class A motivational class was conducted for S5 students by Dr. Jose Antony, SSUS, Kalady October 2020 Development of Quadrajet Toilet Disinfectant System A Quadrajet Toilet Disinfectant System was developed by Mr Alan Williams Paul, Mr Liju M S (2018-22 Batch, B Tech), Ms Sneha Antony, Ms Amina K A (2018-20 M Tech) under the guidance of Prof Gomathy S and Dr Jeno Paul. October 2020 Gate Orientation Class Gate Orientation and Demo Class was given to S5 EEE Students by ONES coaching Centre on 10th October through Google Meet. October 2020 Webinar on Understanding your personality type-For Developing self and Interpersonal skills Ms Anna Baby Co-ordinated Alumni Webinar on October 10th by Remya Ann Jose, Deputy manager(HR), Coal India Ltd October 2020 TCS Specific Training TCS Specific Training was arranged for final year students of 2017-21 batch by Pragmatics September 2020 Energy Auditing Training It was conducted for S5 EEE in September 2020 by Athul Energy Consultants Pvt. Ltd. August 2020 Development of Vehicle Battery Charging Unit Department of EEE developed a new Vehicle Battery Charging Unit (Deep Discharge Battery Charger) under the guidance of Professor Gomathy S (HOD, EEE) , Dr P. Jenopaul and Mr Lyson John with the support of the Final Year EEE students Mr. Bhagat Sivadas, Mr Abhay U and Ms. Daliya Joseph by modifying a Conventional Home Inverter. August, 2020 Webinar on Testing of Power Transformers at Substations Webinar was presented by Er. Ben Antony, Asst. Engineer, KSEB with 108 participants August, 2020 Short Term Training Programme for Plus one and Plus Two students Training Programme on ELECTRICAL VEHICLE AND RENEWABLE ENERGY-CAREER PROSPECTS on August 22/08/20 and 23/08/20 .The event was organized and the respective sessions were handled by Dr Jeno Paul (Professor), Dr Tony George (Associate Professor), Mr Sijo George (Asst Professor), Mr Sreehari S (Asst Professor) and Mr Alan Mathew George (Asst Professor) of EEE Dept). July, 2020 Webinar on Renewable Energy in India - Ecosystems, Market Trends, Opportunities on Webinar was presented by Mr. Arun Joshy, Manager Innovation, SB Energy, Soft Bank Group, New Delhi with 115 participants July 2020 Webinar on Introduction to Google Cloud Platform Webinar was presented by Mr. Ali Mustafa Shaikh, Software Innovator, Intel, Google Certified Educator, Lead Ambassador, IEEE Collaborate July 2020 Webinar on Power Converters - An Industrial Perspective Webinar was presented by Mrs. Mridula Vijayakumar, Former Senior Consultant, Power Electronics Sapience Consulting (Partner Texas Instruments) with 120 participants July 2020 Webinar on Internet of Things and Industry 4.0 Webinar was presented by Mr. Navaneeth Narayanan, Senior Project Sales Engineer, Automation and Controls, Kempston Controls, Dubai with 54 participants July 2020 Webinar on Solar Power Plant Design - An Industrial Perspective Webinar was presented by Mr. Arun Kurian, Solar Energy Consultant with 108 participants July 2020 Webinar on E-Waste Management Webinar was presented by Er. Cherian George, Executive, Projects (Marketing), Kerala Enviro Infrastructures Ltd. with 139 participants July 2020 Placement Training It was conducted for S7 EEE in July 2020 by BSH and CS Department, ASIET July 2020 Webinar on Opportunities as Electrical System Design Engineer & Project Execution Webinar was presented by Er. Sajith G R, Senior Manager, ULCCS Ltd. with 70 participants July 2020 FDP on Real Time Application of Power Electronics - Scope and Challenges It was a five day Faculty Development Programme from 27th to 31st July 2020 with distinguished speakers from NITs July 2020 STTP on Capabilities of CAD in Industrial Electrical Drawings It was conducted by Mr. Sreehari S, Assistant Professor,

ASIET and Mr. Mohammed Aashiq, Solution Engineer, KKM Soft, Chennai on July 13, 2020 with 214 participants May 2020 Webinar on Volunteering with IEEE Webinar was presented by Ms. Aathira Marayil, Software Developer, Lulu Forex May 2020 Webinar on Know your society : All about PES Webinar was presented by Mr. Amal J Nellickan, Founding Chairperson, IEEE PES SB ASIET May 2020 Webinar on Significance of Grid Connected PV in Current Webinar was presented by Scenario Ms. Nayana J, Asst. Professor, ASIET May 2020 Webinar on Introduction to Artificial Intelligence and Robotics Webinar was presented by Mr. Prasoon Kottarathil, TFUG Organizer, Kaggle Expert, NVIDIA DLI Educator and Mr. Shyam Pradeep Alil, Chief Operations Officer, Infusory Future Tech Labs Pvt. Ltd. April 2020 Webinar on Art of Writing a Research Paper Webinar was presented by Mr. Fasil O K, Coordinator of research scholars working group IEEE Kerala April 2020 IMPLEXIS - The technical crossword series It was conducted by IEEE PES Chapter, ASIET February 2020 Technical seminar on Recent Trends in Electric vehicles & Battery Technology, Eco Driving Principles, increasing the efficiency of Public Transportation Systems It was conducted on 4th February 2020 by the SEEM Student Chapter, ASIET January 2020 Session on Technology, Innovation and Entrepreneurship Session was taken by Anuroop K B, Asst. Professor, ASIET for 2018-22 batch students January 2020 C Programming Workshop Session was organized for S2 EEE students by Mr. Sajith Indra, Technical Director & CEO, KnoxC Solutions Pvt. Ltd. January 2020 Training on AutoCAD Training on AutoCAD Electrical, Revit MEP and IoT with Auto Desk Certification in January 2020 for S6 EEE students January 2020 Workshop on Electric Vehicle Drive Design Workshop was taken by Dr. Tony George, Dr. Jenopaul, Ms. Anitha P, Ms. Deepa Sankar, Mr. Alan Mathew George, Mr. Sreehari S, Mr. Arun P Das, EEE and ME Department Faculty, ASIET November 2020 Development of Micro Active Ventilator With Oral Feedback Limited Mask Ansal khan and Antreesa Poulose of 2019-23 Batch developed the Micro Active Ventilator With Oral Feedback Limited Mask under the guidance of Prof Gomathy s and Dr,P.Jenopaul Students rectified the conventional mask problem of oral feedback and breath resistance by implementing a small ventilator system and isolation layer .This implementation help asthma patients to breath easily. October 2019 ENLYTUS, Association Activity Day It was organized by IEEE PES Chapter, ASIET October 2019 IEEE PES Quiz It was organized by IEEE PES Chapter, ASIET September 2019 Renewable Energy Training Completion The first batch of Renewable Energy Training Successfully completed their Campus Training on September 2019. As a part of 3 month Renewable Energy course started by the EEE department in association with Energy conservation Society, field oriented training started at chalakkudy. Mr Sijo George Assistant Professor, Department of EEE & Mr Alan Mathew George Assistant Professor, Department of EEE are the staff co ordinators from the department for the program August 2020 Student Outreach Program Our Prefinal year Students (2017-2021 Batch) took initiative to spend a day with specially abled brothers and sisters of Alphonsa sadan July 2019 Industry Supported Lab Inauguration The Industry Supported Lab of Department of EEE in association with KKM SOFT Chennai was inaugurated by our Managing Trustee Sri. K. Anand in the presence of Group COO Sri Jaisankar C. P. and Sr. Associate Professor Dr Jacob George C with all HOD's & EEE staff members on 26th July 2019. July 2019 "Programming Skills in C" Training was given for S2EEE students by Neerja Abraham (Software Engineer, Leniko Solutions Pvt. Ltd.) from 22nd to 24th July 2019. July 2019 Five Days Hands-on Workshop on 'IoT' It was conducted by PACE LAB for S3EEE students from 15th to 19th July 2019. Mr. Jinson & Mr. John handled the session. May 2019 Emerging Research Trends in Electrical & Electronics Engineering It was a National Conference coordinated by Dr. Jenopaul with distinguished speaker April 2019 Solar Energy Training Programme (SETP) Solar Training Program (SETP) for Graduate Engineers organized by Energy Conservation Society started in the department with an introductory lecture by Dr.Sasi K.K.Professor, AmrithaVishwa Vidyapeetham. Dr. K Soman, President,ECS, Mr Baby Kuriakose, Secretary, ECS and Mr Sunil Kumar General Secretary

MONTH & YEAR STUDENT NAME ACHIEVEMENTS July-24 Muhammed Fahad, Ashna S, Sulfath N S and Agesh Ramesan Selected as winners of IEEE IAS Humanitarian Award Contest 2024 for their project "AI and IoT-Based Healthcare Assistant". The award will be distributed during the IAS Annual Meeting at the Phoenix Convention Centre, USA from October 20-24, 2024. Their project was guided by Ms. Ashna Mohan and

Dr. Subiramoniyan S. July-24 Vysakh S Pillai Placed at Tata Consultancy Services July-24 Sanchu M, Adarsh P, Jeon Jiju, Abhinav P S Attended 2-day IEEE PES R10 India Council Chapters-Annual Global Workshop at Trivandrum on 13th and 14th July 2024 July-24 Gourinanda B Secured B.Tech with Honors June-24 Anandakrishnan B, Haritha H, Abhilash K N, Omprakash Unnikrishnan Developed a project titled "Advanced Technology for Human Detection and Localization in Disaster Rubble" to rescue people from soil in disaster prone areas which received appreciation in news and social media June-24 Antony Joy, Erin Xavier, Akash S and Alex Selected for CERD funding by KTU for their project "Design and Development of Triple Energy Storage System for Electric Vehicle Applications" June-24 Benchacko Chittilapilly, Tomin Bejoy, Basil Eldhose and Sangeeth J Menon Selected for CERD funding by KTU for their project "Green Hydrogen Generation using Floating Solar Photovoltaic System" May-24 Likhitha S Shenoi and S Krishnan Successfully completed the NPTEL Course on Design of Power Electronic Converters during the period of February to April, 2024. May-24 Athul Babu, KJ Haritha, S Nandukrishna and Vysakh S Pillai Published a conference paper "Home Energy Management System in Kerala by using Advanced Metering Infrastructure" in the 2024 Second International Conference on Smart Technologies for Power and Renewable Energy (SPECon). May-24 P Alan Antu, Ashik Deve, Diyamol Davis, B Gourinanda Published a conference paper "A Comprehensive Review on Exploring Drive Cycle Pattern Across Diverse Vehicle Load" in the 2024 Second International Conference on Smart Technologies for Power and Renewable Energy (SPECon). May-24 S Akash, Alex Shaju, Antony Joy and Erin Xavier Dcoutho Published a conference paper "Design and Development of Triple Energy Storage System (TESS) for Electric Vehicle Application" in the 2024 Second International Conference on Smart Technologies for Power and Renewable Energy (SPECon). May-24 Akash S, Alex Shaju, Antony Joy and Erin Xavier Dcoutho Bagged second prize for their project "Design and Development of Triple Energy Storage System (TESS) for Electric Vehicle Application" in the Stream-wise category of ASPREN Project expo 24. May-24 Benchacko Chittilappilly, Tomin Bejoy, Basil Eldhose and Sangeeth J Menon Their project, "Hybrid Energy Generation: A Floating Photovoltaic System for Electricity and Hydrogen" bagged the Department-wise project Winner title at ASPREN Project expo 24. Apr-24 Muhammed Fahad Achieved IEEE R10 Ethics champion certificate in super power challenge assessment. Apr-24 Brian Roy Mathew and Sreelakshmi V Prabhu Bagged first prize for idea pitching competition, "SheSpark" conducted by the IEEE Computer Society. Apr-24 Kochuthresia Anietta, Aisha Sahala of S4 EEE and Jeon Jiju, Sreelakshmi V Prabhu Selected as PES DAY Ambassadors '24. Apr-24 Tomin Bejoy, Ben Chacko, Basil Eldhose and Sangeeth J Menon of Won First Prize at the IEEE Project Competition '24 for their project titled, "Green Hydrogen Generation using Floating PV" guided by our faculties Dr. Deepa Sankar and Dr. Sreena Sreekumar, held at Carmel College of Engineering and Technology, Alappuzha in collaboration with IEEE Kochi Subsection on 29/04/24. Mar-24 Abhinav P S Bagged second prize for doodling art during the national level annual techno-cultural fest, Brahma '24. Mar-24 Alkesh Murali and Alex Shaju Placed at KP Reliable Technique India Pt. Ltd. Mar-24 A.V Ansa received an appreciation award for best blood cell coordinator, from Cochin Charitable Society. She is an NSS volunteer Mar-24 Basil Biju, Joseph Xavier, Abhinand Jayan, Akhil Joshy the members of ASIET Cricket team secured the 1st runner up position in KTU D zone cricket tournament held at MA college, Kothamangalam. Mar-24 Ms. Haritha KJ Selected for the MSEM Idea Hackathon 3.0 (for Women) for her project "Smart Energy Metering System". The project will receive a financial assistance of Rs 5.5 Lakh through Adi Shankara TBI. Notably, they are one of the three institutions from Kerala to achieve this feat. Mar-24 Arya Sankaranarayanan, Aravind N and Athira Sankaranarayanan First prize winners of "Go Green Quiz" conducted by SEEM SB ASIET Mar-24 Adarsh P, Aiswarya Padmakumar and Rosmin Jose Second prize winners of "Go Green Quiz" conducted by SEEM SB ASIET Feb-24 Aswin Murali, Jude P S, Alkesh Murali, and Madhav R Nair Presented a paper titled "Smart Blind Walking Stick" in the Kerala Technological Congress (KETCON 24), organized by APJ Abdul Kalam Technological University and hosted by Ahalia College of Engineering and Technology, Palakkad Feb-24 Benchacko Chittilapilly Placed as Asst. manager at Manappuram Finance Ltd. Feb-24 Rosmin Jose Secured the Anil Appukuttan Memorial Sports Award for the Best Sports person (2023-24). Jan-24 Likhitha S Shenoi Authored an article titled "Review on Energy Storage System for Small-Scale Microgrid" Volume No:1 in the

Indian Journal of Electrical and Electronics Engineering. Jan-24 S Krishnan Published a research paper titled "Review on Resolution Of Issues Related To Permanent Magnet Usage In Synchronous Machines under International Organization of Scientific Research Jan-24 Alan Antu P and Diyamol Davis Secured campus placement at Dhoot Transmission Pvt. Ltd. Dec-23 Sulfath N S Certified for the 4-week NPTEL course Adolescent Health and Well being: A holistic approach Dec-23 Tomin Bejoy Certified for the 8-week NPTEL course Advanced Power Electronics and Control Dec-23 Rohini Prasad Certified for the 12-week NPTEL course on Environment and Development Dec-23 Akash S and Benchacko Chittilapilly Certified for the 12-week NPTEL course on Sustainable Power Generation Systems Dec-23 Basil Eldhose Certified for the 12-week NPTEL course on Sustainable Power Generation Systems Dec-23 Athul Babu, Alan Antu, Gourinanda B, Sangeeth J Menon, Haritha K J, Haritha H, Anandhakrishnan B, Vysakh S Pillai Certified for the 12-week NPTEL course on Introduction to industry 4.0 and Industrial IOT Dec-23 K A Abhijith Second prize in AIDS Day quiz competition Dec-23 Sanchu M Selected for internship at Suyati Technologies Dec-23 Aravind N First prize in AIDS Day poster making competition Dec-23 Rosmin Jose Secured ASIET PTA Award for being selected to KTU Women's Basketball Team Dec-23 Ijas Ahammed Secured ASIET PTA Award for representing ASIET and securing second runner up in KTU-D Zone KH0-KH0 Men's Tournament Dec-23 Feba Eldo Secured ASIET PTA Award for topper in S2 KTU Exam Dec-23 C Arjun Secured ASIET PTA Award for topper in S4 KTU Exam Dec-23 Gourinanda B Secured ASIET PTA Award for topper in S6 KTU Exam Nov-23 Haritha K J Successfully completed one-year internship at Suyati Technologies Nov-23 Muhammed Fahad, Abhinav P S, Jeon Jiju, Nimil Pardhip Participated in AKPESSC organized by IEEE PES Kerala Chapter and hosted by RIT, Kottayam Nov-23 Haritha K J, Nandukrishna S, Athul Babu Participated in Make-a-Ton 6.0 powered by Cluster Dev, CUSAT which is a 24 hour hackathon Nov-2023 Athul Babu, Akash S Secured first and second prizes respectively in the preliminary round of quiz competition conducted by KSEBOA in association with Quiz Club, ASIET Nov-2023 Rosmin Jose Selected for representing KTU in Inter-University Basketball Tournament to be held at Jain University, Bangalore Oct-2023 Aiswarya Padmakumar, Basil Biju, Vyshnav V R, Arjun Manoj, K A Abhijith, Husna Husain Completed NPTEL MOOC Course on "Power System Protection and Switchgear". Oct-2023 Harsh R Nair and Sooraj S Secured second prize at the "EXPOSITO FIESTA", a PowerPoint Presentation Competition, organized by the Computer Society of India SB ASIET, on behalf of Engineer's Day. Oct-2023 Abhijith K.A. and Vishwas V. Pai Secured First prize in "QUIZ COMPETITION" conducted by Excise department in association with quiz club, ASIET. Sep-2023 Sooraj S Secured third prize in Chandrayaan Mahotsav Video Making Competition conducted by ASIET July-2023 Ansal Khan Placed as Solar Design Engineer at Ecofull Resources Pvt. Ltd. July-2023 Devika R Nair Placed as Project Coordinator at Consyst July-2023 J Adarsh, Ajay George, Indrajith K Placed at Symmetrical Power Systems July-2023 Sanjana Rose Secure B-Tech with Honours in Electrical and Electronics Engineering July-2023 Ajay George Secure B-Tech in Electrical and Electronics Engineering with minor in Robotics and Automation July-2023 Ashik Dev, Alan Antu, Gourinanda B, Diyamol Francis Won the Young Innovators Programme 4.0 contest at the District level and were awarded the cash prize of 25,000. It was organised by K-DISC and Government of Kerala July-2023 Muhammed Althaf and Nandu Krishna P Secured internship at Consyst Technologies Pvt. Ltd. July-2023 S Radhika Menon Secured prize for IEEE IAS CMD Humanitarian Contest 2023 for the project on "UAV Incorporating Infrasonic Transmitter for Bird Deterrence and Field Surveillance" June-23 Khadeeja Beevi M A Placed at Consyst Technologies Pvt. Ltd. June-23 Sanchu M Selected as Energy Cell Ernakulam Regional Co-coordinator'23 May-23 Sanjana Rose Successfully completed NPTEL online certification in the course "Op-Amp Practical application: Design" May-23 Darsana Biju, Sarath Krishna C.S, Ajay Antony, Sarang Soori Published paper entitled 'IOT controlled solar panel cleaner' in International journal of Innovative and Research Technology April-23 Aditya P Rajeev Selected to IEEE R&D Team, Kerala Section Jan-23 Sanchu M Secured second prize

in short video competition as part of Ujrakiran programme organized by EMC in association with NSS ASIET and SEEM Student Chapter Jan-23 Haritha K J Was selected for internship at Suyati Technologies Jan-23 Rosmin Jose Participated in South Zone Inter University Women Basketball Tournament Dec-22 Vysakh S. Pillai Secured second prize in Spark plug competition in Aswamedha 2022 Dec-22

Khadeeja Beevi Secured IEEE IAS CMD Award for outstanding Chapter Chairperson and also got Travel grant for attending IEEE IAS General Meeting at USA. May-22 Arjun P Subash, Aparna K S, Muhammed Althaf Secured first prize in Circuitrax conducted as a part of Brahma 2022 May-22 Antresa Paulose, Khadeeja Beevi, Aditya P Rajeev Secured first prize in Circuitrax conducted as a part of Brahma 2022 May-22 Joel Jebi Kurian, Bassam C Basheer Secured first prize in Sparkplug conducted as a part of Brahma 2022 May-22 Sarang Soori Secured second prize in Sparkplug conducted as a part of Brahma 2022 May-22 Adarsh P, Basil Biju First Prize, Glow ball conducted as a part of Brahma 2022 Feb-22 Vignesh Haridas Outstanding student volunteer award by IEEE Kerala Section Feb-22 Antreesa Paulose Selected as Ernakulam Regional Coordinator, KTU Energy Cell Feb-22 Adithya P Rajeev Published a paper on IEEE Explore titled 'Performance Analysis of Single Axis and Floating Solar Panel for Domestic usage'. The paper was presented in the 13th IEEE PES Asia Pacific Power & Energy Engineering Conference (APPEEC) Feb-22 Adithya P Rajeev Selected as WIE Co Ordinator in the IEEE Education Society Kerala Chapter Student Leadership Team 2022 Feb-22 Athul Babu Selected to RAS Kerala chapter SUBCOM'22 Jan-22 Vysakh S Pillai Participated in NEO 5.0 National Engineering Olympiad Conducted by National Engineering Olympiad Jan-22 Haritha K J Secured 3rd position in ZILOG 2.0 conducted by RAS IEEE SB ASIET Jan-22 S Radhika Menon Selected as WIE Coordinator - IEEE IA/IE/PELS Jt Chapter Kerala Student Execom 2022 Jan-22 Vignesh Haridas Awarded Outstanding Student Volunteer Humanitarian Award. Dec-21 Rosmin Jose Selected to APJ Abdul kalam Technological university Basketball Team Dec-21 P S Swathy Selected for NSS 7 day National integration camp held at Sree Ramakrishna Arts and Science college, Coimbatore Jul-21 Adithya P Rajeev Selected for an internship in the 'Research and Development Intern' position at DIYguru with a paid stipend of 5,000 INR with performance incentive Jul-21 Ashita Sajeew Secured first position in imperium an event conducted by PELS Kerala chapter Jul-21 Rohini prasad Secured first position in the Origo Ambassador Program representing ASIET conducted by Signal Processing Society SB ASIET May-21 Rohini Prasad Selected as the Campus Ambassador for Origo - a 5-day event conducted by IEEE SB ASIET May-21 Haritha K J selected as the Campus Ambassador for R2R: Roadway to Robotics', a two-day event conducted by IEEE RAS Kerala Chapter in association with TCS Rapid labs April 21 Muhammed Fahad P S participated in MFSL 7s football league conducted by Kadungaloor society from 8th April to 12th April 2021.Venue: Megalaya floodlight stadium April 21 Abhijith A Participated In Under 19 Football Tournament Conducted By 5star arts club on 3rd April 2021.Venue: Koduvayur Ground Palakkad April 21 Haritha K J participated in Quiz Competition conducted by Women In Computing of IEEE Computer Society Kerala chapter April 21 Cyril Varghese, Anila Ganesh, Aswin Babu, Vignesh S The project titled 'Emergency Vehicle Traffic Clearing System provisionally selected for CERC funding Mar-21 Rohini Prasad, Haritha H, Muhammed Fahad P S Participated in Fast Track Mar-21 Rohini Prasad, HarithaH, Muhammed Fahad P S Participated in ECTA and Quest Mar-21 Muhammed Fahad P S and Sulfath N S Participated in SIGNUM Mar-21 Muhammed Fahad P S Secured Third position in SAACs PES tournament conducted by SAACs-B. Mar-21 Haritha K J Participated in Know Your State Quiz conducted by MyGov Manipur Mar-21 Haritha K J Participated in Poshan Pakhwada Quiz conducted by Ministry of Women and Child Development. Mar-21 Haritha K J Participated in Nari shakti Quiz as part of "women's day" conducted by Ministry of Women and Child Development & MyGov Mar-21 Haritha K J Participated in water quiz as part of "Jal Shakthi Abhiyan: Catch the rain" campaign conducted by National Water mission & MyGov. Feb-21 Rohini Prasad Secured First Position in SIGNUM: An event organized by IEEE Signal Processing Society chapter of IEEE SB ASIET Feb-21 Haritha H Secured Third Position in SIGNUM: An event organized by IEEE Signal Processing Society chapter of IEEE SB ASIET Feb-21 K Gokul Krishnan Gokul Krishnan of S7 EEE (2017-21 Batch) got a sanction of 13 lakhs for the proposal submitted to MSME with team members as Nandana Anand, Afeena and Allwin Varghese Feb-21 Muhammed Fahad P S Secured Third position in SAACs PES tournament conducted by SAACs-B. Jan-21 Omprakash Unnikrishnan E Secured First Position in the event "INCEPTUS" organized by IEEE SB, ASIET Jan-21 Benjamin Binu Secured Second Position in the event "INCEPTUS" organized by IEEE SB, ASIET Jan-21 Anandha Krishnan B of S1 EEE received Brown Belt 2 in Martial arts organized by Japan Uechiryu Ramses Honbu Dojo. Jan-21 Evin Poullose Participated in IDEATE 21 organized by Ahalia

Innovation and Entrepreneurship Development Centre Dec-20 Sanjana Rose, AnnTresa Poulouse Project Presentation Winner, Energion 20 by Energy Management Centre Dec-20 Khadeeja Beevi M A First Runner up in the Idea Presentation Competition "What an Idea" conducted by IEEE SB AISAT, MAGNUM 2020. Nov-20 Khadeeja Beevi M A Participated in All Kerala Industry Application Society Student Conclave 2020 organized by IEEE IA/IE/PELS Jt Chapter Kerala Nov-20 Khadeeja Beevi M A Volunteered as Mentor of the Event Ambassador Team for IEEE for Sustainable Future Summit 2020 organized by PES Young Professionals, IEEE PES Kerala Chapter Nov-20 Khadeeja Beevi M A Participated in hackathon NAVONMESH organized by IEEE-PSIT Student Branch and Uttaranchal University Student Branch Oct-20 Daliya Joseph Selected as a Business Analytics Trainee for the Internship/Live Project with MedTourEasy, Based at New Delhi. The training is scheduled to start from 27th October, 2020 effective for a period of 4 weeks Oct-20 P S Swathy Secured third prize in INTERCEPT- an introduction video competition organized for IFSFS-IEEE for sustainable future summit 2020 Event ambassadors by IEEE PES YP Kerala Oct-20 Khadeeja Beevi MA Secured first prize in SUSTHIRA a quiz competition organized for IFSFS- IEEE for sustainable future summit 2020 Event Ambassadors by IEEE PES YP Kerala. Aug-20 Daliya Joseph Selected for GHCI, Grace Hopper Celebration India 2020 Scholarship Aug-20 Yadhu krishnan Selected for two month Internship in Skill enhanced as content writer after the selection process. Aug-20 Rohith Krishna Presented the project " Automated Food Ordering &Serving System Using IOT " in the preliminary phase of project 2020 project presentation contest organised by APJ AKTU Jul-20 Aditya P Rajeev Selected as IEEE PES Women in Power (WIP) Membership and Marketing Team. Jul-20 Aditya P Rajeev, Khadeeja Beevi M A Selected as student ambassadors, IEEE PES YP, Kerala Jun-20 Amal J Nellickan Best Student Volunteer Award, IEEE PES Kerala Section February 2020 K Gokul Krishnan Gokul Krishnan of S7 EEE (2017-21 Batch) got a sanction of 13 lakhs for the proposal submitted to MSME with team members as Nandana Anand, Afeena and AllwinVarghese and Ms Gomathy S as Mentor. February 2020 Rohini Prasad Secured First Position in SIGNUM: An event organized by IEEE Signal Processing Society chapter of IEEE SB ASIET February 2020 Haritha H Secured Third Position in SIGNUM: An event organized by IEEE Signal Processing Society chapter of IEEE SB ASIET February 2020 MuhammedFahad P S Secured Third position in SAACs PES tournament conducted by SAACs-B. February 2020 Ashly Varghese, Byshaniya Ghosh Selected to District level Seminar Competition organized jointly by KSEB and Mar Athanasius College of Engineering February 2020 Thanzia K J, Fathima Parveen, Hidha Fathima Babu, Priyanka Devassy Project titled "A universal, mind read 3 DOF bed for rehabilitation" selected for CERD funding of Rs. 22000 January 2020 Daliya Joseph Professional Development Initiative Lead, IEEE CS SYP Region 10 India Committee January 2020 Daliya Joseph Proof reader, All India Students Newsletter of IEEE CS - Compute 7 December 2019 K Gokul Krishnan, Nandana Anand, Allwin Varghese, Afeena K A Filed a patent on "Callow Aiding Mendable LED Bulb" November 2019 Abhay Krishna, Cyril Varghese, K Gokul Krishnan, Aisha Hassan, Meghna Hari, Arya Joshy, Ashly Varghese, Byshaniya Ghosh Certified the NPTEL course on "Introduction to Internet of Things" March 2019 Nandu G Nair, Daliya Joseph, Byshaniya Ghosh, Sandeep S Mallya, K Yadhu Krishnan, Nandana Anand, Arun P, Nayan M Mulareedharan, Vishnu Prasad Certified Cambridge Certificate Preliminary March 2019 Bhagath Sivadasan, Amal Razic K A, Sreevidya Sankar Secured the Best Socially Relevant project Award for the project titled "Anti Mosquito Capsule for Travellers" at APJ Abdul Kalam Innovation Challenge conducted by IEDC, ASIET February 2019 Amal Razic K A, Bhagath Sivadasan Got selected to the final round of SRISTHI 2019(6th National Level Project Exhibition and Competition) for the project titled "Anti Mosquito Capsule for Travellers" February 2019 Jestin Collin Correya, Ben Rose P J Got selected to the final round of SRISTHI 2019(6th National Level Project Exhibition and Competition) for the project titled "Smart Power Box" February 2019 Rithula N Ebrahim Secured First prize-Nava 19 - student.hack() conducted by M A College of Engineering December 2018 Daliya Joseph Completed a course on Digital Marketing by Internshala December 2018 Akhil Augustine Completed a course on "The threat of Nuclear Terrorism" conducted by Stanford University November 2018 Deva Narayanan Completed a course on "The threat of Nuclear Terrorism" conducted by Standford University November 2018 Amal J Nellickan, Amal Razic K.A, Bhagath Sivadasan, Sreevidya Sankar Secured Second Prize at Kerala League make a Thone by ICT Academy Kerala

November 2018 AlenMariya Raj, DilshamolAbbas,PrayagaPrathap, Shifana O K Secured 4th and 5th position at Seminar Series Conducted by KSEB at Viswajyothi college of Engineering and Technology, Vazhakulam October 2018 B Akhil Babu Completed a course on "The threat of Nuclear Terrorism" conducted by Standford University October 2018 Reshma Unnikrishnan, Harisree S, Sreejith Suresh, Amal J Nellickan, Amal Razic K A, Suneesh R S, Akhil Raj K R, Vivek T S, Rohith S Nair, Arun Raj P, Sreevidya Sankar Certified the NPTEL course on Recent Advances in Transmisson insulator September 2018 Ben Rose P J, Jestin Collin Correya, Jixon Jacob, Krishnaprasad Secured First prize for Project Expo, FISAT TECHPLANET September 2018 Amal RazicA, Bhagath Sivadasan Secured Consolation Prize for Innovation Challenge Competition, FISAT Tech Planet 2018 July 2018 Sibinu Ziyad Completed a course on "The threat of Nuclear Terrorism" conducted by Standford University May 2018 Cyril Varghese Completed a course on "The threat of Nuclear Terrorism" conducted by Standford University March 2018 Adarsh P R, Abhiram N R, Aswin Babu Completed a course on "The threat of Nuclear Terrorism" conducted by Standford University March 2018 Ben Rose P J, Jestin Collin Correya Secured first prize for the project titled "Novel Hot Current to Cold Current Converter System" at Project Expo conducted by IEEE SB of SESV MV, Kanchipuram, Tamil Nadu January 2018 Divya T M, Prayaga Pratap, Kavya Vinod, Lekshmi S, Maria Rose Antony Secured second prize at the National Energy Auditing Competition (NEAC) 2017 conducted by Energy Conservation Society November 2017 Amal J Nellickan Secured the Best Video Award for the project "ELECTRA" at APJ Abdul Kalam Innovation Challenge 2017 conducted by IEDC, ASIET November 2017 Abiya Issac, Abhirami G Varma, Arunima Ponnappan, Daliya Joseph, K Yadhu KrZXishnan Secured the award for the Best One minute pitch for the project titled "SMAR LENZ" at APJ Abdul Kalam Innovation Challenge 2017 conducted by IEDC, ASIET October 2017 Amal Jojie, Ashbin George, Aswin Krishna, Dhanya Dhanalal, Malavika E J, Menon Rakesh Vasudevan, Shaiby Treesa Secured Popular Bill Position in the event Elneo Crates conducted as a part of Dyuthi' 17 at GEC, Trissur April 2017 Christo Paul, Rizwan T S, Parvathy A, Ashvi Suresh, LishanaFathima, Basil Jacob Secured the Best Paper Award at the National Conference, ERTEEI'17 at ASIET April 2017 Ashvi Suresh, Basil Jacob, Lishana Fathima Sharaf Secured the Best Paper Award at the National Conference, ERTEEI'17 at ASIET March 2017 Akhil Raj K.R Secured First Prize in the ENCON club -Essay writing competition conducted by BPCL March 2017 Menon Rakesh Vasudevan Received Certificate of Appreciation for outstanding contributions as Core Team Member, Documentation Team Lead at IEEE Computer Society India Symposium 2017 January 2017 Sreekanth T G, Kiran A, Sarika Mohan, Lishana Fathima Sharaf, Joseph K George (2013 Admission) Secured second prize at the National Energy Auditing Competition (NEAC) 2016 by Energy Conservation Society January 2017 Pratheeka Prathap, Christo John Thomas, Aleena Paul ,Revathy Gopinath, Neenu Prathapan, Basil Jacob, Anoop Jose, Gogul K G, Gegin Soju, Vishnu Das Secured consolation prize at the National Energy Auditing Competition (NEAC) 2016 by Energy Conservation Society

Month & Year Faculty Achievement July-24 Dr. Jeny Paul Recieved a funding of Rs. 67,000 from KTU Research Seed Money (RSM) for his project "Design and development of ionized gas filled high torque traction motor for electric vehicle application" June-24 Ms. Anna Baby Published a book chapter in Taylor and Francis titled "Partial Discharge Localization for a single source using acoustic sensors and XG-Boost algorithm" which is indexed by Scopus June-24 Mr. Sijo George Delivered a keynote address on the topic 'Education and Social Commitments' during the second anniversary celebration of Cultural Center Manjapra at A.P. Varghese Memorial Hall, Chandrapura, on June 17, 2024. June-24 Mr. Sijo George Participated in the Master Trainers Training on, 'My Bharat and Digital Literacy & Financial Inclusion' for the NSS Programme Officers from Kerala organized by the Centre for Training, Orientation and Capacity Building, Rajiv Gandhi National Institute of Youth Development in collaboration with MY Bharat, Ministry of Youth Affairs and Sports, Government of India and NSS, Ministry of Youth Affairs and Sports, from 06-07 June, 2024 at RGNIYD, Sriperumbudur, Tamil Nadu. June-24 Ms. Remya K P Received certificate of appreciation for her exceptional expertise as a judge at the MSIGMA- IEEE TECHBURST 2K24 Project Presentation held on June 9, 2024 at Gokulam Park, Kaloor. June-24 Dr. Deepa Sankar Attended "Elevate" - senior member elevation program held at Gokulam Park, Kaloor June-24 Dr. Deepa Sankar Attended the

hybrid model short-term course and faculty development programme on, "Application of AI & ML on Renewable Energy and EV Technologies" at NIT Rourkela from June 8 to June 12, 2024, organized by the Department of Electrical Engineering. June-24 Ms. Hima T Participated in the Online Workshop on Data Analytics & AI organized by Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut in association with ipsr solutions limited on June 15, 2024. June-24 Dr. Sreena Sreekumar Attended the webinar, 'Power converters for EV systems' organized by IEEE IAS SB GCEK on 16 June, 2024. June-24 Dr. Deepa Sankar, Mrs. Gomathy S, Mr. Sijo George, Dr. Jenopaul and Dr. Sreena Sreekumar Attended a workshop on, 'Virtual labs' held at Adi Shankara Institute of Engineering and Technology, Kalady on 21 June, 2024. June-24 Dr. Sreena Sreekumar Successfully completed an online course on Introduction to Machine Learning offered by Great Learning Academy. June-24 Mr. Sreehari S and Mrs. Rajalakshmy S Attended the faculty development program on, 'Mathematical advances in electrical engineering: Challenges and Exploration' organized by the EEE Department and BSH Department of Mangalam College of Engineering, Ettumanoor from 18 to 22 June, 2024. June-24 Mr. Sijo George Awarded with certificate of appreciation for organizing volunteering events as part of "Bhumi's good deeds day campaign" held in the month of April - May 2024. June-24 Ms. Rajitha A R Successfully completed different online courses offered by Great Learning Academy. The courses are Introduction to Artificial Intelligence, Python Fundamentals for Beginners, Introduction to Machine Learning, and Introduction to Ethical Hacking. June-24 Ms. Ashna Mohan Reviewed the paper titled, "Step-up series partial power converter with half bridge LLC series resonant converter for PV application" in the Journal of Electrical Engineering. June-24 Ms. Ashna Mohan Successfully completed different online courses offered by Great Learning Academy. The courses are Introduction to Artificial Intelligence, Data Science Foundations, Introduction to Machine Learning, and Introduction to Cyber Security. May-24 Mr. Sijo George Resource person for the KTU sponsored 1-day NSS workshop at Amal Jyothi College of Engineering, Kanjirapally on 10/05/2024. Apr-24 Dr. Deepa Sankar, Dr. Sreena Sreekumar and Dr. Jenopaul Served as the Session Chairs in the Second International Conference on Smart Technologies for Power and Renewable Energy, organized by FISAT in association with IEEE Kerala Section from April 2-4, 2024. Apr-24 Dr. Sreena Sreekumar Presented the paper titled, "Application of economic criteria for determining maximum penetration level of Grid connected Solar PV system in distribution network" at 3rd IEEE-International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2024) organized by IEEE Delhi Section, IEEE PES, IEEE IAS and IEEE from April 26 to 28 in Delhi Technological University. Apr-24 Ms. Hima T Presented the paper titled "Performance analysis of three dimensional impact time control guidance laws" at the First International Conference on Trends in Engineering Systems and Technologies (ICTEST-2024), hosted by Govt. Model Engineering College, Thrikkakara, from April 11 to 13, 2024 Apr-24 Dr. Sreena Sreekumar Achieved IEEE R10 Ethics champion certificate in super power challenge assessment. Apr-24 Dr. Deepa Sankar Reviewed an article titled, "Lithium battery SOC and SOH estimation based on multi-scale extended Kalman filter" for the International Journal of Power and Energy Systems, published by Acta Press in Canada. Mar-24 Dr. P Jenopaul, Dr. Deepa Sankar and Dr. Sreena Sreekumar Served as reviewers for the Second IEEE International Conference on, "Smart Technologies for Power and Renewable Energy (SPECon)" organised by Federal Institute of Science and Technology (FISAT), Angamaly. Mar-24 Mrs. Remya K P, Dr. P Jenopaul, Dr. Deepa Sankar and Dr. Sreena Sreekumar Served as the reviewers for Sixth IEEE International Conference on, "Recent Advances in Intelligent Computational Systems (RAICS) 2024" jointly organised by IEEE Kerala section and Mar Athanasius College of Engineering, Kothamangalam Mar-24 Dr. Deepa Sankar and Dr. Sreena Sreekumar Served as reviewers for the First IEEE International Conference on, "Trends in Engineering Systems and Technologies (ICTEST) '24" organised by Model Engineering College, Ernakulam Mar-24 Ms. Remya K P Attended the short course and faculty development programme organized by NIT Rourkela, Department of EE on "Power Converters for Green Energy and EV Integration" from March 13 to 17, 2024. Mar-24 Ms. Rajitha A R Attended the short course and faculty development programme organized by NIT Rourkela, Department of EE on "Power Converters for Green Energy and EV Integration" from March 13 to 17, 2024. Mar-24 Dr. Sreena Sreekumar Reviewed the paper titled: 'Economic

Assessment of Multiple Shunt Compensators Allocation in Photovoltaic Integrated Power Distribution Networks', in the Journal of Electrical Engineering and Technology, Springer Nature Publications. Mar-24 Mr. Sreehari S Completed the course on 'AutoCAD Case Study- Solar Electric Panel Design' on March 2, 2024 offered by Infosys. Mar-24 Mrs. Rajalakshmy S Participated in the FDP on "Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles", organized by the Department of EEE of SCMS School of Engineering and Technology from February 26 to March 1, 2024. Mar-24 Ms. Anna Baby Appreciated for her dedication and outstanding commitment in mentoring students for Dr. A P J Abdul Kalam Energy Quiz 2023, an industry-academia interaction programme held on 31/10/23 by KSEBEA. Mar-24 Ms. Anitha P Participated in the quiz on 'Quality and Standards 2.0' conducted by the Bureau of Indian Standards. Mar-24 Ms. Anitha P Awarded the IEEE SB ASIET WIE Award for Women of the Year 2024 Feb-24 Ms. Remya K P Received the "Outstanding Student Branch Counsellor" Award (special mention) in IEEE Kerala Section Award Ceremony Jan-24 Dr. P. Jenio Paul Published a research paper titled "Review On Resolution Of Issues Related To Permanent Magnet Usage In Synchronous Machines under International Organization of Scientific Research Jan-24 Dr. S. Subiramoniyan Published a research article on "Reconfigurable converter topologies for EV charging stations" in International journal of Electrical and Electronics Research (IJEER) Jan-24 Dr. Deepa Sankar Reviewed 3 manuscripts for the 1st International Conference on Trends in Engineering Systems and Technologies (ICTEST 2024) organized by Government Model Engineering College which was technically supported by IEEE Kerala section. Jan-24 Prof. Sijo George Awarded a grant of INR 90,000 from the Government of Kerala. This funding is designated for the purpose of conducting a workshop focused on conserving energy and water in both household and agricultural sectors. Dec-23 Ms. Anna Baby Presented a paper "Partial Discharge Localization for a Single Source using Acoustic Sensors and XG Boost algorithm" in the first International Conference on Emerging Technologies and Applications in Electrical Engineering held at NIT Calicut Dec-23 Ms. Gomathy S Participated in one week FDP on Outcome Based Education and Essential AI Tools for Teachers, organized by IQAC of Ramakrishna Mission Vivekananda Centenary College Dec-23 Dr. Sreena Sreekumar Presented a paper "UAV Incorporating Infrasonic Transmitter for Bird Deterrence and Field Surveillance" in IEEE International Conference on PESGRE 2023 Nov-23 Ms. Anna Baby Published a paper "A high efficient bidirectional DC-DC Converter for Nano Grid application" in 14th International Conference on Advances in Computing, Control and Telecommunication Technologies Nov-23 Dr. Sreena Sreekumar Certified for the NPTEL course Hydrogen Energy: Production, Storage, Transportation and Safety from IIT Bombay Nov-23 Dr. Sreena Sreekumar Completed EBSCO training on EBSCO eBooks/ECM Nov-23 Mr. Sijo George Received appreciation award from Kerala State NSS Cell Nov-23 Mr. Sijo George Organized a session on leadership at SNMIMT, Paravoor Nov-23 Ms. Remya K P Organized a session on She Wellbeing by Dr. Saroj Menon in association with IEEE SB and Women Empowerment Cell Oct-23 Ms. Anitha P Participated in the 7 Day National Level Online Faculty Development Programme on Curriculum framework in line with NEP 2020, OBE and AI Advancements organised by The Internal Quality Assurance Cell (IQAC) of Mar Thoma College for Women, Perumbavoor, in association with The Kerala State Higher Education Council Oct-23 Ms. Remya K P Branch Counsellor of IEEE SB ASIET attended All Kerala Branch Counsellors and Chapter Advisors congress 2023 Oct-23 Dr. Sreena Sreekumar Participated in the "IEEE Region-conference quality and management workshop" organised by College of Engineering Trivandrum, in association with IEEE Kerala Section Oct-23 Mr. Sijo George Participated in the Awareness Session on "Renewable Energy and Energy Efficient Technologies" held at Energy Management Centre, Kerala Oct-23 Dr. Deepa Sankar Selected as the prestigious reviewer for the IEEE Transactions on Power Electronics. Oct-23 Ms. Ashna Mohan Completed the 5 days Faculty Development Program on Building Advanced Data Analytics Applications With Cloud under Next Gen Employability Program Oct-23 Ms. Anna Baby Participated in the High-End National Workshop on "Recent Progresses in Condition Monitoring of Power Equipment (RPCME 2023)" under the KARYASHALA Scheme organized by National Institute of Technology Calicut, Kerala. Sep-23 Dr. Deepa Sankar Approved as a research supervisor by KTU. Sep-23 Mr. Sijo George As regional Coordinator of APJAKTU NSS Ernakulam, inaugurated the event "Unarvu", a program dedicated to NSS Week starting from September 24th. The event was held

in the internal auditorium of Govt. Model Engineering College Kochi. Sep-23 Mr. Sreehari S Conducted a Hands-on Training Program in ELECTRICAL CAD for the Electrical and Computer Engineering branch at ToCH Institute of Science And Technology, Arakkunnam, Kerala. Sep-23 Dr. Deepa Sankar and Dr. Sreena Sreekumar Participated in the 'National Symposium on Emerging Technologies for Green Energy Organized by IEEE Kerala Section Sep-23 Ms. Ashna Mohan Participated in the workshop VLSI to system design: Silicon to end applications approach organized by All India Council for Technical Education (AICTE) Aug-23 Jul-23 Ms. Anitha P Participated in the Teacher Connect webinar: "How can you integrate the United Nations Sustainable Development Goals into your teaching" organised by British Council in partnership with National Digital Library of India Jul-23 Dr. Deepa Sankar and Dr. Sreena Sreekumar Participated in Hybrid Mode Short Term Course and Faculty Development Programme on "Sustainable Technologies & Energy Management of Hybrid Microgrid (STEMM-2023)" organized by Department of Electrical Engineering, NIT Rourkela Jul-23 Ms. Remya K P, Mr. Sreehari S, Ms. Rajalakshmy S, Dr. Deepa Sankar Participated in the 7-day National Level Online Faculty Development Program on ChatGPT & AI Tools for Educators, in-line with OBE organised by St Joseph's College (Autonomous), Irinjalakuda in association with The Kerala State Higher Education Council Jul-23 Dr. Deepa Sankar Was an expert speaker for the event 'PES DAY 2023 celebration' organised by IEEE IAS SBC and IEEE PES SBC of ASIET. It was an introductory session on Power Electronics June-23 Mr. Sijo George Handled expert class on Energy Conservation & Energy Efficiency at Sree Sankara College, Kalady in connection with World Environment day June-23 Ms. Anna Baby Participated in a short-term Training Programme on Recent Advance in Energy Science and Engineering organized by the Division of Electrical Engineering, School of Engineering, CUSAT under TEQUIP scheme. June-23 Dr Sreena Sreekumar, Ms Ashna Mohan & Ms Hima T Presented a paper titled "Implementation of Constant Switching Frequency Hysteresis Based Current Control of Solar PV Inverter" at 8th International Conference on Communication & Electronics Systems (ICCES 2023) organized by PPG Institute of Technology, Coimbatore, India. May-23 Dr. Deepa Sankar Published SCI indexed paper titled "Rapid prototyping of predictive direct current control in a low cost FPGA using HDL coder" in the journal, May-23 Ms. Anna Baby, Dr. Deepa Sankar, Mr. Sreehari S, Mr. Alan Mathew George Presented paper in Second International Conference on Modern Trends in Engineering Technology and Management (ICMEM- 2023) held at Sree Narayana Institute of Technology Adoor May-23 Dr. Subiramoniyan. S Successfully completed NPTEL course in NBA Accreditation and Teaching and Learning in Engineering (NATE) Apr-23 Mr. Sijo George Received award in the NSS Annual Meet & Award distribution Ceremony Feb-23 Mr. Sijo George Selected as the State Co-ordination Committee Member of ASAD. He also received a Research Funding of Rs 90,000 from Directorate of Environment & Climate Change, Trivandrum. Feb-23 Dr. S. Subiramoniyan Participated in five day KTU Sponsored Faculty Development Programme on Recent Advances and Research Challenges in EV System Design from 30th January to 3rd February 2023 at Sahridaya College of Engineering & Technology Jan-23 Ms. Remya. K.P Actively took part in the humanitarian event SWAYAM-CAPACITATE ONESELF exclusively for women held on 7th January 2023 at Marottichodu Community Hall organized by IEEE SB ASIET. Jan-23 Ms. Gomathy S Participated in KTU sponsored Faculty Development Programme in 'Applications oriented design and control of Electric Motor drives' organized by Department of Electrical and Electronics Engineering, Muthoot Institute of Technology and Science held on 16th-20th January 2023. Jan-23 Dr. Jeny Paul, Mr. Sreehari S and Mr. Alan Mathew George Attended KTU Sponsored Faculty Development Program in 'Artificial Intelligence and Machine learning in Manufacture' conducted by Department of Mechanical Engineering, ASIET on 18th - 20th January 2023 Jan-23 Dr. Deepa Sankar Participated in KTU sponsored five day Faculty Development Programme in 'Machine Learning and Deep learning Applications in Computer Vision' organized by Department of Electronics and Communication Engineering from Jan 30 to Feb 3 Dec-22 Dr. Sreena Sreekumar Secured second Best paper award for First National Power conference 2022 held on 15th December organized by KSEB Officers Association in Muthoot Engineering college, Ernakulam Dec-22 Ms. Anna Baby Honoured with certificate of Appreciation from KSEB Officers Association for dedication and outstanding commitments in mentoring students for Dr. A.P.J. Abdul Kalam Energy Quiz 2022 in EEE Department. Dec-22 Mr. Sijo George Appointed as regional co-ordinator of

APJAKTU NSS Cell. Dec-22 Dr. Jeno Paul Won Catalyse Tech Innovation Challenge 2022 organised by Global centre of Excellence in affordable and clean energy, IIT Dharward and Selco Foundation and got financial support for the proposal
 Jun-22 Mr. Sijo George Received the State Level Best NSS Programmer Officer Award 2019-20, 2020-21 Jun-22 Dr. Jeno Paul Received the reviewer recognition certificate from global research and development journal which is web of science indexed Jun-22 Dr. Jeno Paul Published SCI paper Auto-encoder and bidirectional long short-term memory based automated arrhythmia classification for ECG signal
 Jun-22 Dr. Jeno Paul Granted Australian patent for the Project entitled IOT BASED Smart Dust Bin Patent Number May-22 Mr. Sreehari S Certified for the NPTEL course Fuzzy sets, logic and systems and applications May-22 Dr. Subiramoniyan Certified for the NPTEL course Power system dynamics, control and monitoring May-22 Ms. Akhila K Certified for the NPTEL course Data Mining May-22 Ms. Akhila K Successfully completed online non-credit courses "Python Data Structures" and "Programming for Everybody (Getting Started with Python)" authorized by University of Michigan and offered through Coursera during May 2022. May-22 Dr. Jeno Paul Selected as National Advisory Committee Member at International Conference on Frontiers in Engineering, Management and Science organized by APS College of Engineering, Karnataka Apr-22 Mr. Sijo George Selected as the best programme officer at APJAKTU NSS Cell Award Distribution ceremony at Mar Baselios College of Engineering Trivandrum. Apr-22 Mr. Sreehari S Participated as resource person for conducting One Day workshop on "Introduction to MATLAB" at M. Dasan Institute of Technology, Calicut. Apr-22 Mr. Venugopal and Mr. Lyson John Recovered an asset of 2.72 lakhs in the ME department by rectifying and repairing the Compressor breakdown in the Thermal Engineering Lab Apr-22 Dr. Jeno Paul Published research Paper titled "Classification of Covid patient Image Dataset using Modified Deep Convolutional Neural Network System" in Bulletin of Electrical Engineering and Informatics (BEEI) which is Scopus Indexed Journal Apr-22 Dr. Jeno Paul Published a paper titled "DC-DC Converters based Integration of Grid Stability Estimation for PV Systems," 2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), 2022, pp. 891-898 available in IEEE Xplore Mar-22 Dr. Jeno Paul Appointed as member of Advisory Committee of ICF-EMS - 22 Conference which will be held at APS College of Engineering, Bangalore. Mar-22 Dr. Jeno Paul Received Letter of Appreciation from Journal of IET POWER ELECTRONICS for the review contributions. Feb-22 Dr. Jeno Paul Published book chapter entitled Bridgeless Rectifier & DC Converter based PFC and THD on Recent Trends in Power Electronics Vol 1 by Express Publication 2021, pp32-37 2022. Jan-22 Mr Sreehari S Participated in the three-day Online Faculty Development Program on "Digital Simulation -A Mathematical Perspective" organized by department of EEE ,TKM College of Engineering, Kollam in association with Board of Studies, APJKTU. Jan-22 Ms. Deepa Sankar published a Paper on "FPGA-Based Cost-Effective and Resource Optimized Solution of Predictive Direct Current Control for Power Converters" Energies 14, no. 22: 7669,2021, Indexed in SCI (Web of Science) and Scopus, Impact Factor - 3.085 Jan-22 Ms. Remya K P Published a paper titled " Cuckoo Search Algorithm Based High Step up DC- AC Converter with Switched LC Network for Photo-Voltaic Applications" in second IEEE International Conference on Power Electronics & IoT Applications in Renewable Energy and its control (PARC-2022) held at GLA University , Mathura, Uthar Pradesh, India from 21st to 2nd January 2022 Jan-22 Ms. Rajitha A R Successfully completed the course "Learn COMSOL Multi physics simulation: Basics to Advanced" on Udemy. Jan-22 Dr P Jeno Paul Appointed as one of the member of Scope Database - International Advisory Board Dec-21 Mr Sreehari S Successfully completed 15days Renewable Energy System Master Class at Pantech e Learning Private Limited, Chennai. Dec-21 Dr. Tony George Published paper entitled "Integrating Nanomaterial And High Performance Fuzzy-Based Machine Learning Approach For Green Energy Conversion" in Journal of Nanomaterials (SCI Indexed) Dec-21 Ms. Remya K P Presented a Paper on "High Gain Switched Inductor-Capacitor Split Source Inverter" in the 2nd IEEE International Conference on Power, Energy& Control organized by Chouksey Engineering College,Bilaspur. Dec-21 Ms. Deepa Sankar Participated & successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Power Electronics for Power Systems" from 06/12/2021 to 10/12/2021 at RIT, Kottayam. Nov-21 Dr. Jeno Paul Published paper entitled Article title: "Wireless HART stack using multiprocessor technique with

laxity algorithm" got published in Bulletin of Electrical Engineering and Informatics (Scopus indexed) Vol. 10, No.6, December Nov-21 Ms Remya K P Attended online Short Term Training Programme on " Potential Areas in Renewable Technologies and Grid Integration" Organized by GEC Thrissur Nov-21 Ms. Rajitha A R Attended Faculty Development Programme (TQIP) on Transition to Electric Vehicles: Challenges and Opportunities from 8th to 19th November organized by School of Engineering CUSAT Sep-21 Mr. Sijo George Received the Kerala state NSS Award for being the Best Program Officer. He also received the Best Program Officer Award from APJAKTU NSS CELL Sep-21 Mr Sijo George, Mr Sreehari S, Mr Alan Mathew George Successfully completed Faculty Development Program/ NPTEL course with Elite Certification on "NBA Accreditation and Teaching -Learning in Engineering (NATE)". Sep-21 Ms Anna Baby Got ELITE certification for NPTEL course on "Enhancing Soft Skills and Personality" Sep-21 Ms Gomathy S, Ms Anitha P, Dr Jenopaul, Dr Tony George, Dr S Subaramoniyam, Ms Rajalakshmy S, Ms Anna Baby, Ms Deepa Sankar, Ms Rajitha A R, Ms Remya K P, Ms Nayana J, Ms Hima T, Mr Sreehari S, Mr Alan Mathew George Attended online webinar on "Value of IEEE Xplore & EBSCO eBooks in Research & Career Development:" Sep-21 Ms Rajalakshmy S Attended "NITT Orientation Training Programming" conducted by NITTTR, Chennai. from 05.07.2021 to 09.07.2021 Jun-21 Dr. Jenopaul Filed Indian Patent on A Portable Apparatus for Breathing Assistance to Monitor the Patient Suffering from Respiratory Diseases. Jun-21 Dr. Jenopaul Project titled "Quadra Jet Toilet Disinfectant System for Covid Care Centers" under his guidance Won first Prize (Cash prize of Rs 5000) in the I2P contest 2021 conducted by Adi Shankara Institute of Engineering and Technology, Kerala. May-21 Ms. Remya K P Presented a Webinar on Electrical Design: Concepts & Standards by on 11th May at Sree Narayana Mangalam Institute of Management & Technology, Maliankara May-21 Anna baby, Sreehari. S, Dr. Jenopaul. P published a Paper on "Novel LMS-Neural Network based DSTATCOM for Improving Power Quality" in Annals of R.S.C.B., Vol 25, Issue 4. May-21 Remya K P, Rajitha A R, Dr. Jenopaul. P published a Paper on "Novel Predictive Current Controller for DSTATCOM to Improve Power Quality" in Annals of R.S.C.B., Vol25, Issue 5. Apr-21 Dr. Tony George, Dr. P. Jenopaul Gomathy S Non Destructive Testing of Milk adulteration using Ultrasound published on Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. 8912 - 8919(scopus indexed) Mar-21 Dr. Tony George Developed Maskless Lithography for Printed Circuit Board fabrication using Digital Light Processing Mar-21 Ms. Anna Baby Received certificate of Appreciation from NPTEL for her role as mentor for the NPTEL course: Advances in UHV Transmission & Distribution". Feb-21 Ms Nayana J Published a Research Paper Titled "Comparison of DC to DC Converters for PV Application using PSIM model" in IEEE. Feb-21 Mr. Sijo George Mr Sijo George received State Award for being the Best NSS Programme officer for the year 2019-20. The Jan-21 Mr. Sreehari S Filed Provisional Patent for the Invention titled 'Manual Operated Tapioca Plucking Machine'. Jan-21 Ms Anna Baby Got certified for NPTEL course: Advances in UHV Transmission and Distribution. Jan-21 Ms. Akhila K Secured NPTEL Elite Online Certification for the Course Enhancing Soft Skills and Personality. Dec-20 Dr. Tony George Granted patent on 23 December 2020 in 'Adversarial Training for Large Scale HealthCare Data Using Machine Learning System' by the Commissioner of Patents, Australian Government. Nov-20 Ms NAYANA J Presented a paper entitled Comparison of DC to DC converters for PV Application- PSIM Model in the International Conference On Power Electronics and Renewable Energy Applications on 27,28 November 2020 Nov-20 Mr SREEHARI S Successfully completed Diploma Course in RPA Design and Development V2.0 Oct-20 Mr. Sijo George Delivered an expert talk on Regular Activities/Special campaign Programs of NSS during the state level online NSS Volunteers Secretaries meeting organized by University NSS Cell during October 2020. July-20 RESOURCE PERSON for ONLINE STTP on CAPABILITIES OF CAD IN INDUSTRIAL ELECTRICAL DRAWINGS conducted by Department of EEE in association with KKM Soft Chennai and IIC under IIPC Cell on 13/7/2020 Jun-20 Rajitha A R Published A Paper Titled A Modified Non-Isolated Bidirectional DC-DC Converter Implementing V2G Technology In International Conference On Advances In Computing Communication Embedded On Secure System, ACCESS2020 Held At ASIET, KALADY May 2020 Dr. Jenopaul Successfully completed the on line faculty programme on turnitin online on campus conducted by gurunanak institute, mumbai on 4-05-2020 Successfully completed the on line faculty programme on internet of things conducted by PSNA college of engineering and technology dindugul on 6-05-20 to

8.5.2020. Attended Two day online workshop on "Patent drafting and Processing with Importance of Trademark and Copyright" organized by Journal of Advanced Engineering Research on 8th and 9th May 2020. Webex Meeting - CISCO Training organised by ASIET on 5/05/2020 Successfully completed the on line faculty programme on machine learning conducted by pantech solution on 2-05-2020. Participated in the IPR on 13-05-20 QUIZ conducted by nehuru institute,coimbatore on 9/5/2020. May 2020 Ms. Anitha P Participated in the panel discussion as a part of inter socety weekly webinar series on" Engineers in service of the community" on 13-05-2020. Successfully completed the on line faculty programme on NBA conducted by bharathi vidyapeeth college of engineering on 10-05-2020 Participated in the webinar on block chain technology organised by Sreepathy Institute of management& technology in association with IEDC-KSUM on 12-05-2020 Participated in the webinar "Significance of grid connected PV systems in current scenario" conducted by IEEE IAS SBC ASIET on 12-05-2020. Attended the webinar "How to manageduring the current crisis" by Sri.kris Gopalakrishnan,organised byindustry attachment cell,KTU on 13-05-2020. May 2020 Ms. Deepa Sankar Attended Webinar on "how to manage during current crisis? Lessons from the past experiences" by Sri Kris Gopalakrishnan,Co-founder-Infosys on 13/05/2020 Attended Webinar on "Significance of grid connected PV in current scenario" by Nayana J,ASIET on 12/05/2020. Attended Webinar on "PI controller design in closed loop operation of separately excited DC motor" by Dr.Binoj Kumar organised by IEEE,IAS & PELS chapters,College of Engineering,Munnar on 11/05/2020. Attended Webinar on "Solar Home System Design" , QUARANT 'N' TALK Webinar series organised by Sreepathy Institute of Management and Technology on 11/05/2020 Attended Webinar on "Analytical Modelling of Modular Multilevel Converters & Circulating Current Control" by Dr.Abhijith Kshirsagar,IIT Dharwad on 10/05/20 organized by IEEE IA/IE/PELS Jt.Chaper Kerala. May 2020 Ms. Rajalakshmy S Webex Meeting - CISCO Training organised by ASIET on 5/05/2020. May 2020 Ms Anna Baby Webinar on "how to manage during current crisis? Lessons from the past experiences" by Sri Kris Gopalakrishnan,Co-founder-Infosys organized under KTUon 13/05/2020. Attended webinar on'Demystifying IoT' organized by IEEE student branch of SIMAT,Kabani Tech & Institution's Innovation council on 13/05/2020. Attended Webinar on "Significance of grid connected PV in current scenario" by Nayana J,ASIET organized by IEEE ASIET-SB on 12/05/2020. Attended Two day online workshop on "Patent drafting and Processing with Importance of Trademark and Copyright" organized by Journal of Advanced Engineering Research on 8th and 9th May 2020. May 2020 Mr Sreehari S Attended 2 Days Online Workshop on "Patent Drafting and Processing with Importance of Trademark and Copyright" 06 & 07 May and 08 & 09 May 2020 Attended short tem online course on Learn new skills from AICTE duringCovid 19 lock down days on 'Design solar Systems for Homes' Attended Pantech E Learning Webinar Series on Machine Learning using Python in association with IETE (MUMBAI) 02.05.2020 Attended Pantech E Learning IMAGE PROCESSING - Core Terminologies , Tools & Latest Advancements Host :Mount Zion College of Engineering and Technology & PANTECH E Learning on 12.05.2020 Attended Webinar:An Introduction to Data Analytics and Data Science.Date: - 02nd May, 2020 by National Productivity Council. May 2020 Ms Rajitha A R Webinar on "Solar Home System Design" , QUARANT 'N' TALK Webinar series organised by Sreepathy Institute of Management and Technology on 11/05/2020. Webex Meeting - CISCO Training organised by ASIET on 5/05/2020 Webinar on "How to manage during current crisis? Lessons from the past experiences" by Sri Kris Gopalakrishnan,Co-founder-Infosys , organised by APJ Abdul Kalam Technological University on 13/05/2020 May 2020 Ms. Remya K P Webinar on Virtual Reality by PANTECH E Learning in association with SRM Institute of Science & Technology , Chennai on 14/05/2020 Webinar on "How to manage during current crisis? Lessons from the past experiences" by Sri Kris Gopalakrishnan,Co-founder-Infosys , organised by APJ Abdul Kalam Technological University on 13/05/2020. Webinar on "Significance of grid connected PV in current scenario" by Nayana J,ASIET organised by IEEE IAS chapter ASIET on 12/5/2020 Webinar on "Solar Home System Design" , QUARANT 'N' TALK Webinar series organised by Sreepathy Institute of Management and Technology on 11/05/2020 Webex Meeting - CISCO Training organised by ASIET on 5/05/2020 Webinar on "Self Care - Through Emotional Awareness " by Ms. Prema sankar organised by WIE, IEEE Kerala Section on 3/5/2020. May 2020 Ms Nayana J Resource

person for Webinar on "Significance of grid connected PV in current scenario" organised by IEEE IAS chapter ASIET. Webinar on "how to manage during current crisis? Lessons from the past experiences" by Sri Kris Gopalakrishnan, Co-founder-Infosys on 13/05/2020. Webex Meeting - CISCO Training organised by ASIET on 5/05/2020. Received 2nd position for best IAS chapter, in view of the events conducted during WIE week. Attended online seminar on "The scope of Engineering education and branches after COVID - 19", 6th May 2020. May 2020 Ms Akhila K Attended the webinar "Significance of grid connected PV systems in current scenario" conducted by IEEE IAS SBC ASIET on 12-05-2020 Attended webinar on 'Demystifying IoT' organized by IEEE student branch of SIMAT, Kabani Tech & Institution's Innovation council on 13/05/2020. April 2020 Ms. Gomathy S Webinar on 'Renewable Energy Grid Integration Challenges and Key Issues' on 23rd April by Dr Venkatesh Kumar of Amritha School of Engineering, Chennai Intersociety Weekly webinar Series on topics 'Tips for facing Physical and Mental Health Issues in Overusage of Digital Gadgets' by Achuthsankar S Nair on 29th April. Intersociety Weekly webinar Series on topics 'Emerging Cybersecurity Concerns in the post Covid19 Scenario by Mr Satish Babu' on 22nd April. April 2020 Ms. Anitha P Attended the webinar as a part of inter society weekly webinar series "Emerging cyber security concerns in the post-COVID 19 scenario" on 22-04-2020 Attended on line workshop on "Teach from home using google classroom" by Ms.bani paintal Dhawan & ms.Sangeetha Gulati on 23-04-2020. Attended the webinar as a part of inter society weekly webinar series "Tips for facing Physical and mental health issues in overuse of digital gadgets by Prof.Achuthsankar S nair on 29-04-2020. April 2020 Ms. Deepa Sankar Webinar on "Tips for Facing Physical and Mental Health Issues in overuse of Digital Gadgets" by Dr.Achyuthsankar S Nair on 29/04/2020. Webinar on "Modelling of Grid Emulator for FPGA Target" by Entuple Technologies on 29/04/2020 Week 3 NPTEL Lecture series "What companies expect while hiring a candidate" on 28/04/2020 Webinar on "Writing Quality Technical Papers" as a part of INSCRIBE organised by IEEE IA/IE/PELS Jt. Chapter Kerala by Dr.G.Vincent on 25/04/2020. Online workshop on "Teach from home using using Google Classroom by Ms.Bani Paintal Dhawan and Ms.Sangeetha Gulati" conducted by ASAP on 23/04/2020. Week 1 NPTEL Lecture series: "How to be a good developer" by Mr.Thejesh G.N. on 15/04/2020. April 2020 Ms Anna Baby IEEE Webinar on "Tips for Facing Physical and Mental Health Issues in overuse of Digital Gadgets" by Dr.Achyuthsankar S Nair on 29/04/20 Online workshop on "Teach from home using using Google Classroom by Ms.Bani Paintal Dhawan and Ms.Sangeetha Gulati" conducted by ASAP on 23/04/20 April 2020 Mr Sreehari S Attended NPTEL lecture series on 'Time management' by Dr Pratima on 17th April 2020. Attended NPTEL lecture series on 'The joy of Teaching' by Prof Balaji on 19th April 2020. Attended Webinar National Productivity Council on the Topic 'Energy Efficiency and Energy Audit' on 17th April 2020. April 2020 Ms Rajitha A R Webinar on "Writing Quality Technical Papers" as a part of INSCRIBE organised by IEEE IA/IE/PELS Jt. Chapter Kerala by Dr.G.Vincent on 25/04/2020. Webinar on 'Emerging Cybersecurity Concerns in the post Covid19 Scenario by Mr Satish Babu' organised by IEEE Kerala Section on 22/4/2020 Webinar on "Writing Quality Technical Papers" as a part of INSCRIBE organised by IEEE IA/IE/PELS Jt. Chapter Kerala by Dr.G.Vincent on 25/04/2020. Webinar on "Tips for Facing Physical and Mental Health Issues in overuse of Digital Gadgets" by Dr.Achyuthsankar S Nair on 29/04/20 April 2020 Ms. Remya K P Co ordinated WIE PRODCAST, event organised by WIE affinity group of IEEE SB ASIET during April -May 2020 Webinar on "Writing Quality Technical Papers" as a part of INSCRIBE organised by IEEE IA/IE/PELS Jt. Chapter Kerala by Dr.G.Vincent on 25/04/2020 Webinar on 'Emerging Cybersecurity Concerns in the post Covid19 Scenario by Mr Satish Babu' organised by IEEE Kerala Section on 22/4/2020. Webinar on 'Engineers, covid 19 and War on pandemics' by prof V K Damodaran organised by IEEE Kerala Section on 15/4/2020. April 2020 Ms Nayana J Judge for Idea Presentation Competition on the topic "How to beat epidemics using technology", organized by IEEE - on 03/04/20 Coordinator and Judge for the event Aquadeate on 06/04/20 Attended student branch chapter advisor training organized by IEEE IA/IE/PELS Jt chapter on 11/04/20 Attended webinar on "COVID-19 & Future of world economy" organized by Christ college of engineering on 17/04/20 Attended webinar on Emerging cyber security concerns in post COVID 19 Scenario on 22/04/20 Attended online workshop on Google classroom on 23/04/20 Attended webinar on Writing quality Technical paper, Organised by IEEE IA/IE/PELS jt

chapter Kerala on 25/04/20. Attended the webinar as a part of inter society weekly webinar series " Tips for facing Physical and mental health issues in overuse of digital gadgets by Prof.Achuthsankar S nair on 29-04-20 April 2020 Ms Akhila K Attended the webinar as a part of inter society weekly webinar series " Emerging cyber security concerns in the post-COVID 19 scenario" on 22-04-20 Attended on line workshop on "Teach from home using google classroom" by Ms.bani paintal Dhawan & ms.Sangeetha Gulati on 23-04-20 March 2020 Ms. Anitha P Attended course" Let us break the chain of COVID 19 infection on 31-03-20 by MBRU community..Certified as MBRU community ambassador March 2020 Ms. Remya K P Coordinated PRATHIJWAL - Outreach Program by WIE affinity group of IEEE SB ASIET along with IAS chapter , on 7th March 2020 Coordinated Session by "Megha Ben" (Her Story)on 9th March 2020 by WIE affinity group of IEEE SB ASIET along with IAS chapter, ASIET as part of womens day celebration (Based on the activities conducted during WIE week IAS chapter ASIET received second best IAS chapter award) March 2020 Ms Nayana J Coordinated PRATHIJWAL - Outreach Program by WIE affinity group of IEEE SB ASIET along with IAS chapter , on 7th March 2020 Coordinated Session by "Megha Ben" (Her Story)on 9th March 2020 by WIE affinity group of IEEE SB ASIET along with IAS chapter, ASIET as part of womens day celebration (Based on the activities conducted during WIE week IAS chapter ASIET received second best IAS chapter award) Session by "Megha Ben" as part of womens day celebration along with WIE chapter, March 2020. February 2020 Mr Sijo George Conducted a Leadership training program at Womens polytechnic college, Kalmassery on 1/2/2020 Conducted a Leadership training program at Womens polytechnic college, Kalmassery on 7/2/2020 Selected as Corec ommittee member of green Cochin Mission Initiative of DELSA and IMA Jauaary 2020 Mr Sijo George Green protocol Implementation officer at Kanjoor Church inconnection with Festival from 19 January 2020 to 26 January 2020 Organiser of Swatchatha Hi Seva -Cleanliness drive in association with MSME,Thissure and NSS Technical cell on 26/1/2020 Conducted two day Lateral Thinking workshop at Sreesarada Vidyalaya ,Kalady from 28/1/2020 to 29/1/2020 Attended FDP on lateral Thinking at ASIET,Kalady on 14/1/2020

Department Newsletter

ENLYTUS 2024

January

February

March

April

May

June

ENLYTUS 2023

June

May

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March

February

January

August

September

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November

July

ENLYTUS 2022

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June- July

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ENLYTUS 2021

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ENLYTUS 2019

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January

Gallery

IEEE Humanitarian Award

New Job Role

Expert Talk Most Advanced Industrial Automation and Control

Expert Talk - ONES Academy on Opportunities After Engineering through GATE Examination

Mou with InQbe Innovations Pvt.Ltd.

Campus Placement 20-24

Faculty Development Program

Campus Placement 20-24

Internship at NEST DIGITAL for MTech PEPS

Internship at NEST DIGITAL For S5 EE Students

B.Tech Honours 20-24 Batch

Campus Placement 20-24

Mou with MTTC International LLC

Campus Placement 20-24

Internship at MTTC International LLC

Internship at KMRL

Placement 2024

Young Innovators Technical Summit' 24

SEEM ASIET proudly introduces 2024 Ex-Com members

Centre of Excellence with RIOD LOGIC Pvt.Ltd.

Mou with RIOD LOGIC Pvt.Ltd.

Mou with NEST DIGITAL

Internship at NEST DIGITAL

Faculty Interaction Outside World

Internship at L & T

IEEE Award for the Project

ONLINE WEBINAR SERIES

ASIET-BECON INDUSTRY COLLABORATED LABORATORY INAGURATION

ONLINE WEBINAR SERIES

ONLINE WEBINAR SERIES

TRAINING PROGRAM FROM KKM SOFT CHENNAI ON AUTOCAD & AUTOCAD ELECTRICAL

TRAINING PROGRAM FROM KKM SOFT CHENNAI ON REVIT MEP & IOT

Prof.Sijo George ,Assistant Professor, EEE Department. Recognised as the Regional coordinator of NSS Technical cell

School Outreach Programmes Conducted by EEE Department.

Polytechnic Outreach Programmes conducted by EEE Department.

Daliya Joseph of S6 EEE Selected as PUBLIC RELATION OFFICER OF IEEE COMPUTE EDITION 8

Vignesh Haridas of S4EEE selected as Electronics Communication Coordinator of IEEE PES KERALA CHAPTER

Successful Completion of Electric Vehicle Certification Program Offered by EEE Department for Plus two students

Inaguration of Renewable Energy Training Centre at EEE Department

Prof.Sijo George ,Assistant Professor, EEE Department .Recognised as the

District coordinator of NSS Cell of KTU university

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

Phone :

Tel: 0484-2463825, 2466066, 2461933

+91 9880855302 (Principal)

+91 9446523599 (Prof: Incharge of Admission)

Mob : 9995533744

Fax: 0484-2463828

Email: info@adishankara.ac.in

Download Brochure

Call us +91 9995533744

Useful Links:

Admissions 2024

B.Tech Admissions

Business School Admissions

Contact Us

IEDC

TBI

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Alumni

NAAC

NBA

NIRF

ARIIA

Careers

CAREER-CONNECT

Admission 2024

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[Grievance redressal](#) [Student login](#) [Staff login](#) [Parent login](#) [Alumni login](#)

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[College Code:](#)

[Admission](#)

[Electronics and Biomedical Engineering](#)

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The Department of Electronics & Biomedical Engineering at Adi Shankara Institute of Engineering and Technology, established in 2021, is the only self-financing college in Kerala to offer an engineering course in Electronics & Biomedical Engineering under APJ Abdul Kalam Technological University. The program imparts knowledge in fundamental and diverse areas, including Electronic Circuits, Biomedical Instrumentation, Modeling of Physiological Systems, Biomaterials, Biomechanics, Biomedical Signal and Image Processing, Neural Networks, VLSI, Biosensors and Transducers, Digital System Design, Embedded System Design, Deep Learning, Medical Robotics, IoT in Medical Applications, Hospital Engineering, and Medical Imaging Techniques such as CT, MRI, and Ultrasound. Students also have opportunities to undergo industrial-linked electives from major healthcare MNCs based on their choice. The department is well-equipped with standard test and measuring instruments, computing facilities, and clinical-grade medical instruments. With a perfect blend of theoretical and practical knowledge in electronics and medical technologies, students will develop the capability to solve challenges in healthcare.

We have established strong partnerships with leading industry players such as HORIBA India Pvt. Ltd. and the analytical instruments giant to facilitate internships, industry projects, and technology transfer in the electronics and biomedical sectors. These collaborations provide students with real-world experience and enhance their employability upon graduation. Additionally,

several student organizations and clubs support electronics and biomedical engineering. These groups aim to promote leadership qualities, team spirit, and professional development by arranging various activities like workshops, seminars, and networking events.

Graduates from our department are well-equipped to pursue diverse career paths in industries such as healthcare, telemedicine, wearable electronics, clinical engineering, regulatory affairs, and AI in healthcare. They work as biomedical engineers, research scientists, consultants, and entrepreneurs, contributing to advanced technology and healthcare. We actively engage with the local community through outreach programs, workshops, and seminars aimed at STEM education and raising awareness about the role of electronics and biomedical engineering in improving quality of life and healthcare delivery.

The Electronics and Biomedical Engineering Department at ASIET is committed to excellence in education, research, and innovation. With world-class faculty, state-of-the-art facilities, and strong industry partnerships, we strive to empower our students to become leaders and innovators in the dynamic fields of electronics and biomedical engineering. Adi Shankara Institute of Engineering and Technology in Kalady, Ernakulam, has been rated as one of the best engineering colleges in central Kerala. We welcome you to Adi Shankara.

Currently, we offer the following programs:

B.Tech Electronics & Biomedical Engineering (Started in 2021) with a current intake of 60 students.

COME, JOIN US IN SHAPING THE FUTURE. BIOENGINEER YOURSELF FOR TOMORROW. LET US MAKE THIS WORLD A BETTER ONE, FOR THE GENERATIONS TO COME.....

Vision

Evolve as a premier centre in Electronics and Biomedical Engineering to meet the ever increasing needs for affordable and accessible health care technology focusing on innovative thinking and skill enhancement.

Mission

Provide quality professional education at par with global standards in the field of Biomedical Engineering with excellent faculty and infrastructure.

Foster a culture of multidisciplinary research, comprehensive practical learning, and generate pioneering innovations by collaborating with industrial and clinical experts.

Inspire biomedical engineering graduates to be responsible to address critical healthcare challenges with empathy and dedication for the betterment of mankind.

NEWS

Add- On Certificate Programme on Bio Signal processing with Python and Octave

Jul

22

The Department of Electronics and Biomedical Engineering is organizing a 5-day "Add-On Certificate Programme on Bio Signal Processing with Python and Octave" from July 22 to July 26, 2024.

3-day Advanced hands- on Technical Training in Medical Electronics

Jul

01

The Department of Electronics and Biomedical Engineering organized a 3-day Advanced hands- on Technical Training in Medical Electronics from July 01-03, 2024." Correct this sentence

3-day Academic Advancement Program on "Medical Device Design and Regulatory Practice

Jun

26

The Department of Electronics and Biomedical Engineering organized a 3-day Academic Advancement Program on "Medical Device Design and Regulatory Practice" from June 26-28, 2024.

Webinar: PANORAMIC VIEW ON RESEARCH FACILITIES FOR BIOMEDICAL BIOTECHNOLOGY AND BIOCHEMISTRY PROJECTS AT BIO 360

May

23

Webinar: Provide a comprehensive overview of the cutting-edge research facilities available at Bio 360 Life Science Park.

Bio Quiz

May

10

BMESI- ASIET Chapter Organizes BioQuiz Competition, in association with EBSSA Tech Talk on Healthcare Market: Essential AI Skills for Tomorrow's Innovators

May

09

Tech Talk on Healthcare Market: Essential AI Skills for Tomorrow's Innovators
Inauguration of Centre of Excellence in In-Vitro Diagnostic Instrumentation

Apr

17

Inauguration of Centre of Excellence in In-Vitro Diagnostic Instrumentation on 17-04-2024

ArduinoCraft: Mastering the Code

Feb

23

One day workshop on "ArduinoCraft: Mastering the Code" for S4 EBE students

One day workshop on " Unlock Latex for beginners"

Feb

22

One day workshop on " Unlock Latex for beginners" for S6 EBE students

HANDS ON TRAINING PROGRAM ON ELECTRONIC PRODUCT BUILDING

Feb

05

3-day hands-on training program on Electronic Product Building, in association with TrueTek World, for S4 EBE Students

Inauguration of the student chapter of Biomedical Engineering Society of India (BMESI)

Feb

03

The inauguration of the BMESI Student Chapter is hosted by the Department of Electronics & Biomedical Engineering on 03/02/2024.

HANDS ON TRAINING PROGRAM ON EMBEDDED ELECTRONICS

Feb

01

3-Day Hands-on Training Program on Embedded Electronics in association with True Tek World

BEST PRACTICES IN MEDICAL DEVICE QUALITY AND REGULATORY

Jan

30

One day FDP on Best practices in medical device quality and regulatory

Department Advisory Board

Dr. Babu Varghese

Senior Scientist and Project Lead, Philips Research, The Netherlands

Dr. Venugopal G

Professor, Dept. ICE, N. S. S. College of Engineering, Palakkad

Dr. Jack Fredo

Assistant Professor, School of Biomedical Engineering, IIT (BHU)

Mr. Pradeesh CB

National Product Manager at BPL Medical Technologies Pvt. Ltd

Mr. Hariprsad Nair

Director-Technical, Stat Consultancy Pvt Ltd

Mr. Suresh K S

Head-RnD, CDIT Trivandrum

Mr. Binu Mathew

Senior General Manager, Agappe Diagnostics Ltd

Mr. David Ignatius

Service Operations Manager, Wipro Ge Healthcare Private Limited

The Department of Electronics and Biomedical Engineering offers

B.Tech in Electronics and Biomedical Engineering

National and International Student Chapters

Biomedical Engineering Society of India

Indian Society for Technical Education

Healthcare technology systems and service society

IEEE

The Institution of Engineers

Program Specific Outcomes (PSO)

PS01 :

Apply the fundamental concepts of life sciences, engineering and technology into Biomedical engineering, towards the design of indigenous medical electronic devices.

PS02 :

Develop intelligent computing platforms to analyse data pertaining to healthcare for theragnostic decision making, rehabilitation and life support.

PS03 :

Demonstrate leadership, design thinking, and innovation in a multidisciplinary environment of healthcare technology management with ethics and professionalism.

Programme Outcome (PO)

P01. Engineering knowledge :

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

P02. 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.

P03. 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.

P04. 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.

P05. 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.

P06. 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.

P07. 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.

P08. Ethics :

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. Individual and team work :

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. 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.

P011. 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.

P012. Life-long learning :

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

Dr. Remya George

Associate Professor & HOD

Dr. Lakshmi M Hari

Assistant Professor

Nimmi Vijayan

Assistant Professor

Dr. Surya D

Assistant Professor

Winnie Ann Thomas

Assistant Professor

Dr. Silpa P A

Assistant Professor

Shinu M M

Assistant Professor

Tresa Joseph

Assistant Professor

Aswin Raj V

Assistant Professor

Krishna S Nair

Assistant Professor

Arya C V

Assistant Professor*(Study Leave)

Sumayya P I

Lab Assistant

Dixon M A

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

Medical Electronics lab

Biomedical Signal Processing Lab

Linear Integrated Circuits Lab

Microcontrollers and Applications Lab

Electronic Devices and Circuits lab

Logic Circuits and Design Lab

Centre of Excellence for In-Vitro Diagnostic Instrumentation - HORIBA India
Technical Institute

Research areas

1 . Dr. Remya George, Associate Professor, Dept. EBE

Organizations involved: Govt. Engineering College, Thrissur; Kerala Police Academy, Thrissur; Jubilee Mission Medical College and Research Institute, Thrissur

Area of Expertise: Biosignal processing and modeling, Statistical Methods, Personalized Healthcare

Research Interest: Modeling Heart Rate Variability signals using Neurophysiological models based on neurotransmitter kinetics; Early identification of maladaptive recruits for optimizing physical exercise training outcomes using physiological signals; Identification of optimal personality traits for high-stress jobs

2. Dr. Lakshmi M Hari, Assistant Professor, Dept. of EBE

Organizations involved: IIT Madras

Area of Expertise: Biosignal processing

Research Interest: Nonlinear analysis of EMG and Fatigue prediction

3. Ms Nimmi Vijayan , Assistant Professor, Dept. EBE

Organizations involved: Avinashilingam University, Coimatore.

Area of Expertise: Biomedical Image processing , AI/ML

Research Interest: Automated diagnosis of Autism Spectrum Disorder using Facial features in video signals

4. Dr. Surya D; Assistant Professor; Dept. EBE

Organizations involved: NIT Calicut

Area of Expertise: Biosignal processing and modeling, Neural network

Research Interest: Complex network analysis and modelling of mild cognitively impaired Alzheimer's disease; Analysis of Simultaneous EEG and fMRI data for assessing the functional connectivity alterations in Brain

5. Name of researcher: Dr. Silpa P A; Assistant Professor; Dept. EBE

Organizations involved: Karunya University

Area of Expertise: Graphene products, Bio 3D Printing, Biophotonics and Nanotechnology, Telemedicine

Research Interest: Graphene optical data storage using Nanoholes; PCB-based electrode biosensor using graphene nano ink; Biocompatible bioink formulations suitable for Bio 3D printing; Portable biophotonics-based system for the rapid and sensitive detection of E. coli; 3D printing of microfluidic Chips; Portable telemedicine system based on Raspberry Pi

6. Ms. Tresa Joseph ; Assistant Professor; Dept. EBE

Organizations involved: National Institute of Technology (NITC) Calicut

Area of Expertise: Low-Power VLSI, Medical Instrumentation, Biomedical signal processing

Research Interest: Hardware Implementation of Neural Networks for Edge AI Medical Applications; Custom FPGA/ASIC Development for biomedical/general applications; Assistive embedded device for Elderly or Paediatric care

7. Mr. Shinu MM ; Assistant Professor; Dept. EBE

Organizations involved: Karunya University

Area of Expertise: Biomedical Image processing

Research Interest: Enhancing Multiple Myeloma Detection through Hybrid Deep Learning Techniques for Microscopic Image Analysis.

8. Mr. Aswin Raj V ; Assistant Professor; Dept. EBE

Organizations involved: APJ Abdul Kalam Technological University

Area of Expertise: Bio- signal processing and Machine learning

Research Interest: Detection of Epilepsy using High Frequency Oscillations in EEG signals.

MONTH AND YEAR ACTIVITY BRIEF DESCRIPTION MAY 2024 Bio Quiz The BioQuiz Competition, held on May 10th, 2024, was an engaging and intellectually stimulating event organized in collaboration with the Electronics & Biomedical Engineering Students Association Of ASIET (EBSAA) and the Bio-Medical Engineering Society of India (BMESI). Participants from diverse backgrounds showcased their expertise, critical thinking, and problem-solving skills across various realms of biology. The competition provided a platform for enthusiasts to test their knowledge and connect with like-minded individuals. With attractive prizes on offer, the event attracted a wide range of participants eager to explore the wonders of biological sciences. Through stimulating rounds and challenges, participants delved into topics spanning molecular biology, ecology, and beyond, making the BioQuiz Competition a memorable celebration of scientific inquiry and discovery. Tech talk On May 9th, 2024, Mr. Sujith S., Founder & CEO, of Eightwe Digital Transformations, and Ms. Bhavana P., Co-Founder & CEO, of Eightwe Digital Transformations led a dynamic tech talk titled "Healthcare Market: Essential AI Skills for Tomorrow's Innovators." This engaging session delved into the intersection of healthcare and artificial intelligence, highlighting the indispensable skills needed to drive innovation in the industry. Attendees gained valuable insights into leveraging AI technologies to address complex challenges in healthcare delivery, diagnosis, and treatment. Mr. Sujith and Ms. Bhavana expertly navigated discussions on the evolving landscape of healthcare and underscored the critical role of AI proficiency in shaping the future of healthcare innovation. Interaction On May 08, 2024, the University of Kent conducted an interaction regarding higher study options abroad. Students from CSE and EBE participated. APRIL 2024 Inauguration of the Centre of Excellence in In Vitro Diagnostic Instruments And MoU signing On April 17, 2024, an auspicious occasion unfolded at ASIET Kalady with the inauguration of the Centre of Excellence in In Vitro Diagnostic Instruments, graciously sponsored by Horiba India Technical Institute. The event, held on the 3rd floor TBI, commenced with a solemn prayer followed by a warm welcome address by Dr. M. S. Murali, the Principal of ASIET, Kalady. The atmosphere was charged with anticipation as Sri. K. Anand, Managing Trustee of Adi Sankara Trust, delivered the presidential address, setting the tone for the day's proceedings. The highlight of the morning was the inauguration and inaugural address by Dr. Rajeev Gautam, Corporate Officer of HORIBA, Ltd., and President of HORIBA India Pvt. Ltd. This significant moment took place in the Corporate Boardroom, symbolizing the partnership between academia and industry in advancing diagnostic technologies. The atmosphere was charged with anticipation as Sri. K. Anand, Managing Trustee of Adi Sankara Trust, delivered the presidential address, setting the tone for the day's proceedings. The highlight of the morning was the inauguration and inaugural address by Dr. Rajeev Gautam, Corporate Officer of HORIBA, Ltd., and President of HORIBA India Pvt. Ltd. This

significant moment took place in the Corporate Boardroom, symbolizing the partnership between academia and industry in advancing diagnostic technologies. Following the inauguration, a Memorandum of Understanding (MoU) was signed, marking a formal commitment to collaboration and excellence in the field of in vitro diagnostics. The program then transitioned to the Main Seminar Hall, where Dr. Rajeev Gautam addressed the student community, imparting valuable insights and inspiring the next generation of biomedical engineers. The event also featured felicitation ceremonies, honoring distinguished individuals who have made significant contributions to the field. Dr. Sreepriya S., Dean of Research at ASIET Kalady, Dr. Pushkar Admane, Head of Scientific at the International Training Center and Horiba Experience Zone, and Mr. Sreenath G, Senior Manager at ASIET Kalady, were recognized for their exemplary dedication and leadership. As the morning drew to a close, Dr. Remya George, Associate Professor and Head of the Department of Electronics and Biomedical Engineering at ASIET Kalady, extended a heartfelt vote of thanks, expressing gratitude to all participants and organizers for their efforts in making the event a resounding success. The day's events culminated in a press meet held in the Corporate Boardroom, providing an opportunity to share the significance of the Centre of Excellence with a wider audience. A luncheon followed, fostering camaraderie and continued discussions on the future of in vitro diagnostic instruments. Expert talk On April 4, 2024, an expert talk titled "Introduction to Telehealth and Opportunities for Biomedical Engineers" was held for faculty and students (EBE). The session aimed to shed light on the evolving landscape of telehealth and its potential applications within the realm of biomedical engineering. The resource person for this enlightening session was Gayatri V, a Telehealth Integration Specialist from GranTeq Pvt Ltd. With her extensive expertise in telehealth technologies and their integration into healthcare systems, Gayatri provided invaluable insights into the current trends, challenges, and opportunities in the field. During the talk, participants had the opportunity to explore the various facets of telehealth, including remote patient monitoring, virtual consultations, and telemedicine platforms. Gayatri also discussed the role of biomedical engineers in leveraging telehealth technologies to enhance healthcare delivery, improve patient outcomes, and address healthcare disparities. Through engaging discussions and real-world examples, the session offered attendees a deeper understanding of the intersection between telehealth and biomedical engineering, inspiring them to explore new avenues for research, innovation, and professional development in this rapidly evolving field. MARCH 2024 Mini Hospital From February 29 to March 2, 2024, students of Biomedical Engineering at ASIET showcased their innovation and dedication through the creation of a mini hospital as part of "Brahma," an exhibition highlighting cutting-edge projects. This unique exhibition provided visitors with a glimpse into the future of healthcare as envisioned by these talented students. In addition to the mini hospital, an exciting augmented reality experience was also available for students to immerse themselves in. This interactive component allowed participants to explore and interact with simulated medical scenarios, enhancing their understanding of biomedical concepts in a dynamic and engaging way. The event served as a testament to the ingenuity and creativity of the students, as well as their commitment to advancing the field of biomedical engineering. It provided a platform for collaboration, learning, and inspiration, leaving a lasting impact on all who attended. Invited talk On March 16, 2024, an enlightening session on research perspectives and higher studies was conducted at the Department of Biomedical Engineering at the University of North Texas. Dr. Vijay Vidhtyanadhan, the esteemed founder chair of the department, led the session. With a wealth of experience and expertise in the field, Dr. Vidhtyanadhan shared valuable insights and guidance with both faculty members and students (EBE). The session served as a platform for discussing the latest advancements in biomedical engineering research and exploring opportunities for further studies in the field. Dr. Vidhtyanadhan's leadership and knowledge undoubtedly inspired all participants, fostering a spirit of academic excellence and innovation within the department. FEBRUARY 2024 Industrial visit From 24-Feb-2024 to 26-Feb-2024, S6 (EBE) students went on an industrial visit to Mysuru, Karnataka, focusing primarily on the exploration of the Skanray Technologies medical equipment manufacturing facility. The purpose of the visit was to gain practical knowledge about the advanced technology used in the

manufacture of medical devices. The visit provided the participants with first-hand exposure to the operations, technologies, and infrastructure of a significant technology in biomedical engineering. Industrial visit On 21-Feb-2024, S2 students went on an industrial visit to Vagamon, Kerala, focusing primarily on the exploration of the Malankara Kerala State Electricity Board (KSEB) facility. The purpose of the visit was to gain insights into the operations and management of the power generation and distribution processes in the region. The visit provided the participants with first-hand exposure to the operations, technologies, and infrastructure of a significant power generation facility in Kerala. Workshop The Department of Electronics and Biomedical Engineering at ASIET, in partnership with EBSAA (Electronics and Biomedical Students' Association) and BMESI (Biomedical Engineering Society of India), curated an engaging one-day workshop, "3D Printing Workshop - Experience the Next Dimension for a Day," tailored for S6 (EBE) students on February 23, 2024. The workshop, steered by Mr. Sandeep O S, Assistant Professor in the Mechanical Engineering department at ASIET, offered participants a unique opportunity to delve into the fascinating world of 3D printing technology. Through hands-on experiences and insightful guidance, attendees explored the intricacies of 3D printing, unlocking the potential of this cutting-edge technology. The collaborative effort of the department, student associations, and Mr. Sandeep O S ensured a dynamic learning experience, bridging theoretical knowledge with practical applications and fostering a spirit of innovation within the ASIET community. Workshop The Department

of Electronics and Biomedical Engineering at ASIET, in collaboration with EBSAA and BMESI, orchestrated a dynamic one-day workshop titled "Arduino Craft: Mastering the Code" for S4 (EBE) students on February 23, 2024. The workshop, guided by the expertise of Mr. Shinu MM, Assistant Professor at ASIET, aimed to empower participants with essential skills in programming and utilizing Arduino technology. Through hands-on activities and insightful guidance, attendees delved into the intricacies of Arduino coding, gaining practical knowledge that bridges theoretical concepts with real-world applications. The collaborative efforts of the department, student associations, and Mr. Shinu MM ensured a successful event that not only enriched the participants' understanding of Arduino but also fostered a vibrant learning community within the ASIET academic landscape. Workshop The Department of Electronics and Biomedical Engineering at ASIET, in association with EBSAA (Electronics and Biomedical Students' Association) and BMESI (Biomedical Engineering Society of India), successfully organized a one-day workshop titled "Unlock LaTeX" for the S6 (EBE) students on 22nd February 2024. The workshop aimed to introduce the participants to LaTeX, a typesetting system commonly used for the production of scientific and mathematical documents. The sessions were designed to provide a hands-on learning experience for beginners, equipping them with essential skills to effectively use LaTeX for academic and research purposes. The workshop was conducted by esteemed faculty members from the Department of Electronics and Biomedical Engineering: Ms. Shilpa P.A, Assistant Professor, EBE, ASIET and Ms. Tresa Joseph, Assistant Professor, EBE, ASIET BMESI student chapter inauguration The inauguration of the BMESI Student Chapter at our institution marked a significant milestone as we embraced the theme "Transforming Challenges to Breakthroughs." The event, held on February 3, 2024, in the Seminar Hall, witnessed active participation from both faculty and students (EBE). We were honored to have Dr. Muralidhar Bairy G, Joint Secretary of BMESI, India, and Professor and HOD of the Department of Biomedical Engineering at Manipal Institute of Technology (MIT), as our esteemed Chief Guest. Additionally, Mr. Edmond Paul, Managing Director of Praxia Health, Kochi, and GM Biomedical and Corporate Procurement at Wockhardt Hospital Ltd., graced the occasion as the Guest of Honour. Following the inauguration, our distinguished guests delivered insightful expert talks, sharing their experiences and knowledge with the audience. This event served as a platform to unite the biomedical engineering community, providing inspiration and valuable insights into overcoming challenges and achieving breakthroughs in our academic and professional pursuits. Training Program The Biomedical Engineering Department, in collaboration with EBSAA, successfully organized a hands-on training program on "Electronic Product Building" for S4 students (EBE) from February 5 to February 7, 2024. The program was skillfully led by Mr. Antu Dominic, an expert from

TrueTek World. Participants immersed themselves in practical sessions, learning the intricacies of electronic product development and assembly. Mr. Dominic provided valuable insights into the latest technologies, fostering a deep understanding of the process from conceptualization to building functional electronic products. The interactive nature of the program allowed students to actively engage with the material, gaining hands-on experience and valuable skills in electronic product building. The event was a resounding success, contributing significantly to the practical knowledge and skill development of the participating students.

Training Program The Biomedical Engineering Department, in collaboration with EBSAA, conducted a hands-on training program on Embedded Electronics for S6 students (EBE) from February 1 to February 3, 2024. The program was led by Mr. Antu Dominic, an expert from TrueTek World. Participants delved into practical applications of Embedded Electronics, gaining valuable insights into the latest technologies and industry trends. Through interactive sessions and hands-on exercises, students had the opportunity to enhance their skills and apply theoretical knowledge to real-world scenarios. The training program proved to be a dynamic and engaging experience, empowering students with practical expertise in Embedded Electronics.

JANUARY 2024 FDP The Biomedical Engineering Department successfully conducted a highly informative Faculty Development Program (FDP) on January 30, 2024, focusing on "Best Practices in Medical Device Quality and Regulatory." Attended by S4 and S6 students, the session featured Ms. Honey Thomas, an esteemed Associate Scientific Writer, as the resource person. Ms. Thomas shared invaluable insights into current medical device regulations and best practices for ensuring quality. The interactive discussion allowed students to engage directly with the expert, fostering a deeper understanding of the critical role of quality and regulatory compliance in the biomedical field. The event was a resounding success, providing students with practical knowledge and enhancing their awareness of industry standards.

OCTOBER 2023 Invited talk An interactive session on job opportunities for Biomedical engineers was conducted on 15-10-2023 by Ms Jibi Krishna K G, M Engg - Medical Technology Design (pursuing), Pratt School of Engineering, Duke University, USA.

Workshop A group of application specialist engineers, marketing engineers and service engineers along with Head of Horiba's International training center Nagpur visited the campus and conducted one day hands on training on selected clinical analyzers for S5 EBE students on 6/10/2023.

SEPTEMBER 2023 MOU An MoU was signed with the Indian Biomedical Skills Consortium and Adi Shankara Institute of Engineering and Technology on September 15, 2023. Additionally, an invited talk was conducted by Mr. Nitturi Nareash Kumar, Scientist D at Andhra Pradesh Medtech Zone Limited in Visakhapatnam.

Invited talk An invited talk on biomedical engineering and potential areas of Development for S1 and S5 EBE students was conducted on 5-9-2023 by Mr. Jibin Jose, Assistant Professor, Sahridaya College of Engineering & Technology.

Invited talk An invited talk on "Crafting competent engineers for better healthcare technology" was conducted by Mr. Nitturi Nareash Kumar, Scientist D at Andhra Pradesh Medtech Zone Limited in Visakhapatnam on 15/09/ 2023.

Workshop A five day workshop on Arduino and Raspberry Pi was conducted from 11.09.23 to 15.09.23 for S3 students.

AUGUST 2023 Workshop A five day workshop program in Python for Bio Signal & Medical Image Processing was conducted from 07. 08.2023 to 11.08.2023 for S5 students.

Invited Talk Invited talk is conducted on the topic Career pathways for biomedical engineers, by Mrs.Schleshin Molly David,Sr. Biomedical Engineer,Soma Technologyinternational incorporated MAY 2023

Industrial Visit The S2, EBE students of Adi Shankara Institute of Engineering & Technology, accompanied by Prof.Nimmi Vijayan and Prof. Arya C V, at Malankara Hydro electric power station on 19.05.2023

APRIL 2023 Brahma' 23 National-level techno-cultural festival held at Adi Shankara Institute of Engineering and Technology, Kalady, over three days from March 30th to April 1st. The festival boasted a diverse range of over 45 cultural programs and 70+ technical events, workshops, and proshows

FEBRUARY 2023 Add On course 5 days Add on course based on biomedical instrumentation by Atheena Pandyan and team ,conducted for S4 students

DECEMBER 2022 Upanayana' 22 A Community Inception Ceremony of Parents & Students of our 22nd batch of B. Tech and the 13th batch of M. Tech was organized on 16-12-22.

Aswamedha '22 The technical event of ASIET, Ashwamedha-22, took place on 22-12-2022. In connection with this event, CSE and CSE-AI students organized several technical events which enabled students to interact,

network, and demonstrate their skills. NOVEMBER 2022
EBSAA Inauguration Electronics and Biomedical Student Association of
Adishankara, inauguration and logo launch OCTOBER 2022 Induction Program
Induction program for CSE 2022 -2026 batch was conducted from 26th Oct to 29th
Oct

Prof. Lakashmi M hari of EBE department successfully defended her PhD thesis
entitled " ANALYSIS OF FATIGUING CONTRACTIONS IN BICEPS BRACHII MUSCLE USING
TIME FREQUENCY DECOMPOSED SURFACE EMG SIGNALS " and earned PhD from IIT Madras
under the guidance of Prof. S . Ramakrishnan.

Department Newsletter

VOLUME 1

ISSUE 1

ISSUE 2

Gallery

Hands -on traning Program on Electronic product Building, in association with
EBSAA

Hands -on traning Program on Embedded Electronics , in association with EBSAA

INDUSTRIAL VISIT- (2021-25 BATCH)- SKANRAY TECHNOLOGIES - MYSURU, KARNATAKA,
INDIA

IV -202-27 BATCH- MALANKARA KSEB HYDRO POWER STATION- VAGAMON, KERALA, INDIA

Inauguration of Centre of Excellence in In-Vitro Diagnostic Instrumentation

Inauguration of the student chapter of Biomedical Engineering Society of India
(BMESI)

Invited Talks

Appreciation posters

Add on Courses

Invited Talks

Class Photos

Electronics & Biomedical Student Association of Adishankara

Industrial Visit

Process

Methodology

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Mechanical Engineering

Department Social Media Links

About

Department Advisory Board

Academics

Course Outcomes

People

Facilities

Research

Activities

Students Achievements

Staff Achievements

Dept. Bulletin/Newsletter

Gallery

The Department of Mechanical Engineering was started in the year 2006 and accredited by NBA in the year 2018. The department offers B. Tech. program in Mechanical Engineering. At present, the department intake capacity is 60 students per year at the B. Tech. The department has competent and committed faculty members drawn from the industry sector, and the core faculty are experienced professionals and academicians who enhance the delivery of academic programs. There are 18 teaching faculty members in the department and most of them have at least 10 years of experience.

The department has evolved a comprehensive student-centric learning approach, designed to add significant value to the learner's understanding in an integrated manner through workshops, lab sessions, assignments, training, seminars, projects and independent study. The hands-on training offered by our CAD/CAM laboratory in the latest design and analysis software brings in a formal method of familiarizing with the industrial practices. This helps the students to apply their classroom knowledge to live industrial problems. The department is equipped with ten laboratories, and nine workshops. The laboratories and computing facilities are made available to the students and staff until late at night and on all working days.

Vision

To make the Mechanical Engineering Programme a Centre of Excellence in professional education and research.

Mission

To provide quality education for moulding competent professionals in Mechanical Engineering

To facilitate continuous learning environment

To promote collaborative activities and positive contributions to society

NEWS

ASME Award - Students' Chapter

Jul

19

ASME INDIA Student Section Achievement Award

ASME Award - Faculty

Jul

19

ASME INDIA Faculty All Star Supporter Award

Placement-Ashok Leyland

Jul

16

Placement offer from Ashok Leyland

Placement-Amphenol FCI

Jul

06

Placement - Amphenol FCI

FDP ME: June-July 2024

Jun

24

Faculty Development Program on "Safety, Security and Health"

Toppers of B.Tech in ME-2024

Jun

24

Toppers of B.Tech in Mechanical Engineering - 2024

Topper of S8 ME - 2024

Jun

24

Toppers of Eighth Semester Mechanical Engineering students - 2024

Safety Awareness Training

Jun

20

Fire Prevention Awareness & Training

Placement - Core Companies

Jun

12

Placement - Core companies of Mechanical Engineering

Students Project Fund

Jun

12

Selected for fund of APJAKTU Students Project 2024-'25

Placement - Dhoot

Jun

12

Placement - Dhoot Transmission Pvt. Ltd.

Placement - Pro

Jun

11

Placement - Pro Source Engineering Solutions LLP

Placement - Almiya

Jun

11

Placement - Almiya Engineering Consultants Pvt. Ltd.

Placement - Future

Jun

11

Placement - Future Construction Equipment & Spares

Project Exhibition

Jun

07

Project Exhibition

Placement -Nava

Jun

07

Placement -Nava Designs & Innovation Pvt. Ltd.

Placement- 3T Worldwide

Jun

07

Placement- 3T Worldwide India Pvt. Ltd.

Placement - Team ASIET to Germany

Jun

05

Placement - Team ASIET to Germany

Appreciation Letter - Global Science Festival of Kerala-2024 held in Thiruvananthapuram

Jan

17

Appreciation Letter - Consultancy work of Mechanical Engineering Department for Global Science Festival of Kerala-2024

Interaction - NITK Director

Jan

16

Faculty interaction with Dr. B Ravi, Director, NIT Surathkal

Interaction - NITK

Jan

16

Faculty interaction with Dr. B Ravi, Director, NIT, Surathkal

Welfare - MOOC

Dec

13

Welfare - MOOC Students

Workshop - Fusion 360

Dec

06

Workshop - Fusion 360

Expert Talk - Maintenance System in Process Industry

Nov

28

An Expert Talk on "Maintenance System in Process Industry"

Workshop - Additive Manufacturing

Sep

11

Workshop - Additive Manufacturing and Fusion 360

What Our Students Say

Midhun

Senior Mechanical Design Engineer, Jaguar & Land Rover Gaydon, UK

"convey my warm regards and been thankful that graduation in ASIET is one of the best things to happen in my life, both on personal and professional front. It has inculcated a lot of intra and interpersonal skills which is one of my key learning by being part of the ASIET family. Best Regards, Midhun

Department Advisory Board

Sl. No. Name Designation Organization Category 1 Dr. R Sridharan Professor-HAG NIT Calicut Academician 2 Dr. Biju B Professor M A College of Engineering, Kothamangalam Academician 3 Mr. Ravindra Menon Industry expert 4 Mr. Venkit P S Parent and Industry expert 5 Mr. Jose Johny Alumni and Industry expert

The Department of Mechanical Engineering offers

B.Tech in Mechanical Engineering

National and International Student Chapters

Institution of Engineers (India)

American Society of Mechanical Engineers (ASME)

ISHRAE Students' Chapter

Institute of Electrical and Electronics Engineers

Program Specific Outcomes (PSO)

PSO 1:

The mechanical engineering graduates will be able to analyse basic/advanced mechanical systems using relevant tools and techniques.

PSO 2:

The mechanical engineering graduates will be able to apply the knowledge in engineering and management to solve engineering problems.

Programme Outcome (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, review research literature, and analyse complex engineering

problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

P03 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.

P04 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.

P05 Modern tool usage:

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

P06 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.

P07 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.

P08 Ethics:

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09 Individual and team work:

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010 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.

P011 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.

P012 Life-long learning:

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Professor, HOD & Dean

Dr. Jithesh K

Associate Professor

Dr. Vinay Varghese

Associate Professor

Dr. Sivaprasad P V

Associate Professor

Dr. Nidhin Raj A

Associate Professor

Jithesh S R

Assistant Professor

Leo Francis

Assistant Professor

Eldho Mathew

Assistant Professor

Arun P Das

Assistant Professor

Eldhose K Joy

Assistant Professor

Ajith M S

Assistant Professor

Goutham S

Assistant Professor

Aneesh V

Assistant Professor (On leave for pursuing Ph.D)

Sandeep O S

Assistant Professor

Vishnu S

Assistant Professor (On leave for pursuing Ph.D)

Majo Davis

Assistant Professor

Goutham D

Assistant Professor

Kiran K S

Assistant Professor

Dr. Rahul S Arackal

Assistant Professor

Dr. Vinay T V

Assistant Professor

George V V

Workshop Superintendent

Reji Mathew

Lab Instructor

Jose V O

CNC Machinist

Akhilraj Rajan

Lab Instructor

Varghese O V

Lab Instructor

Ajeesh Thampi

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

Mechanical Department

Manufacturing Lab

BMW Engine

Fluid Machinery Lab

Thermal Engineering Lab

Material Testing Lab

CAD Lab

Academic Research

External funded research and industry driven consultancy projects

Major Areas of Research Work:

Material Science

Fluid Mechanics and Heat transfer

Microfluidics

Cryogenic Machining

Additive Manufacturing

Consultancy work

Faculty Name: Mr. Arun P Das , Mr. Vishnu S

Project Project Type Funding Amount Duration Providing Technical assistance in design and prototype making of paper bag manufacturing machines Consultancy ICUBE Industries 4.5 Lakh 2021-2023

MoU Details

Sl.No. Name of organisation Signed year Status 1 Facein Technologies Pvt.Ltd. 2023 Active 2 NIT Trichy 2020 Active 3 I-Cube 2020 Active 4 Central Institute of Plastics Engineering & Technology (CIPET) 2019 Active 5 KKM Soft 2019 Active 6 State Resource Centre, Govt. of Kerala 2018 Active 7 Tech ED equipment's company, Bangalore 2018 Active 8 Inter CAD systems Pvt Ltd, Kerala 2018 Active 9 DAIKIN 2018 Active 10 Anavadya Conductors, Kerala 2017 Active

PAPER PUBLICATION DETAILS

2023-2024

2022-2023

2021-2022

Department organizing number of programmes for enhancing self-learning and meeting the requirement of content beyond learning. Department is creating a continuous learning atmosphere for students and staff by various means. Staffs are providing remedial measures in academic progress of each and every students by giving additional sessions, notes and learning activates and always encouraging bright students by giving extra guidance and rewards. We have best outgoing student award, best project award for encouraging bright students. Students are eagerly participating in all curricular and extracurricular activities inside and outside the campus.

Department Activities

Encouraging Bright Students

MOOC Toppers will be awarded

Best Outgoing Student will be rewarded

Best Projects will be awarded

Support weak students

Remedial measures in academic progress

Month and Year Activity Name Details of the Activity July 2024 Five days Faculty Development Programme Department of Mechanical Engineering conducted a Five-Days FDP on "Safety, Security and Health" during June 28 and July 3-6, 2024 June 2024 Faculty Development Programme (FDP) on FUSION 360 Department of Mechanical

Engineering conducted a FDP on "FUSION 360" January 2024 Consultancy work of Mechanical Engineering Department for Global Science Festival of Kerala (GSFK) 2024 conducted in Thiruvanthapuram Global Science Festival of Kerala is a joint initiative of the Government of Kerala's Science and Technology Department, Kerala State Council for Science, Technology and Environment and Amuseum Art Science For this exhibition, Department of Mechanical Engineering of Adi Shankara Institute of Engineering and Technology and Fab Lab Adi Shankara, desiged and developed four robotic arms for the digital exhibit titled "Vision: Evolution of Eye" This was done under supervision of Mr. Sandeep O S, Assistant Profesora and Mr. Nowarlal, a final year Mechanical Engineering student. January 2023 APJAKTU sponsored FDP on "Artificial Intelligence & Machine Learning in Manufacturing" Department of Mechanical Engineering conducted APJAKTU sponsored FDP on "Artificial Intelligence & Machine Learning in Manufacturing" during January 18-20, 2023 February 2021 International Conference on Innovations in Mechanical Sciences "ICIMS'21" Paper Publication An International Conference on Innovations in Mechanical Sciences "ICIMS'21" organized by Department of Mechanical Engineering, ASIET was conducted successfully on 19th and 20th of February 2021. The international conference was inaugurated by Honorable Vice Chancellor of Mahatma Gandhi University, Dr. Sabu Thomas. He also delivered the keynote address on "Sustainable Nanomaterials". January 2021 Webinar on "Development in Design and Automation for Industry 4.0" Webinar on Tools and Die A webinar on " Development in Design and Automation for Industry 4.0 " conducted by Department of Mechanical Engineering in association with Institution's Innovation Council on 1st January 2021. The speaker of the webinar was Mr. Vinay S, Manager –Education and Training, Conceptia Konnect. A webinar on "Tools and Die" conducted by Department of Mechanical Engineering in association with Institution's Innovation Council on 1st January 2021. The speaker of the webinar was Mr. Padmanarayanan Aravamudhan, Industrial Expert. December 2021 Webinar on "Problem solving and Ideation" A webinar on "Problem solving and Ideation" conducted by Department of Mechanical Engineering in association with Institution's Innovation Council on 4th December 2021. The speaker of the webinar was Mr. Gokul, Senior Application Engineer, Entuple Technologies Pvt Ltd, Bangalore. December 2020 Amal Prakash and Ayyappan of S5 Mechanical Engineering Students of S5 Mechanical Engineering, Amal Prakash and Ayyappan bagged 1st runner up position in Idea Presentation Contest in MAGNUM 2020 conducted by IEEE SB AISAT. December 2020 Webinar on "MVD in the high tech era" "Skills for Career Excellence" "Opportunities in Marine and Oil industries" A webinar on " Motor Vehicle Department in the High Tech Era" was conducted by Mechanical Department in association with Institution's Innovation Council on 6th December 2020. The speaker was Mr. Vinod Kumar N, Motor Vehicles Inspector, Thrissur. A webinar on " 21st Century Skills for Career Excellence" conducted by Department of Mechanical Engineering in association with Institution's Innovation Council on 15th December 2020. The speaker was Mr. Babu Pallipat, Career Expert, Section Officer, MG university. An Industrial Interaction Webinar on Career Map about Marine and Oil and Gas Industries and Opportunities organized by Mechanical Department of ASIET on 16th December 2020. The speaker was Mr. Faizal Farook, Director, Accurant Engineers, Ivion Industrial Academy. November 2020 Placement FDP and short term courses attended Remith K R and Jaise Michael of 2016-2020 batch got a placement in Neo Petcon India Pvt Ltd in Hyderabad. Prof. Vishnu S attended a short term training program sponsored by AICTE on " Rapid Prototype and Manufacturing: research and application perspectives" from 23rd Nov to 28th Nov conducted by department of mechanical engineering, NSS Palakkad. Prof. Jithesh S R attended 6 days AICTE sponsored short term training program on " Recent advances in tribology and surface engineering" conducted by department of mechanical engineering, Saintgits college of engineering, Kottayam from Nov 23rd to Nov. 28th 2020. Prof. Tony K P attended a short term training program sponsored by AICTE on " Rapid Prototype and Manufacturing: research and application perspectives" from 23rd Nov to 28th Nov conducted by department of mechanical engineering, NSS Palakkad. October 2020 Department advisory committee (DAC) meeting International webinar on Business Leadership in a world of uncertainty Department conducted an on-line Department Advisory Committee (DAC) meeting on 02/10/2020. The agenda of the meeting were Academic performance improvements, NBA re- accreditation requirements, Areas of improvements, Areas of opportunities and Analysis of

suggestions and compliance of PO s with Mission statement. ASIET conducted an on-line international webinar on " Leadership in a world of uncertainty " incorporating with Scotsgrad consulting services private limited on 21/10/2020. The keynote speaker was Dr. Michael Walsh, Senior Lecturer, University of Stirling, UK. The moderators were Nithi Sevaguru and Kathiravan A of Scotsgrad. The webinar discussion was based importance of leadership to run successful business, address the skill gap expectations and preparedness for UK higher education and post study work visa in the UK. September 2020 Lecture meet Students Achievement On September 3rd 2020, department of mechanical engineering of ASIET conducted a lecture meet on "BS VI CHALLENGES AND TECHNOLOGIES". The resource person was Mr. Midhun V S, Assistant General Manager, Ashok Leyland. This lecture meet was conducted in association with SAEISS Cochin Division & SAE Collegiate Club of ASIET. A good number of students and faculty from other colleges attended this lecture meet successfully. Amal Prakash and Ayyappan of S5 ME-A won second prize for Panacea - Design Challenge competition conducted by IEEE SB SJCTET in association with IEEE PIE KERALA SECTION. On world Ozone day, Sep 16 as an initiative from Faculty handling Sustainable Engineering, ASIET in association with IEI SB conducted an Pencil Drawing Contest on 16th Sept. The event duration was 2 hours. 23 participants had participated and made the event a great success. Mohammad Rameez of S3ME-B secured first prize for this contest. July 2020 Webinar Series FDP and short term courses attended In the month of July, a series of webinars were conducted in mechanical department of ASIET, Kalady. The webinars were extremely useful and current innovations in various fields were discussed during the sessions. Students from our department, research scholars as well as faculties from other institution were successfully participated in these webinars. A webinar on the topic "Introduction to Robotic Control" conducted on 03/07/2020 from 10.30am to 12.00pm. This was organized by Department of mechanical engineering in association with ASME students section. The keynote speakers were Dr. Shalu George K and (Specialization, Control System) and Ms. Shyju Susan Mathew (Specialization, Robotics). A webinar on the topic "Importance of FEA in product design" conducted on 08/07/2020 from 10.30am to 12.30pm. This was organized by Department of mechanical engineering in association with Institution's Innovation Council. The keynote speaker was Mr. Naveen Reddy (Technical Manager, Conceptia Konnect). A webinar on the topic "Data Analytics" conducted on 13/07/2020 from 4pm to 6pm. This was organized by Department of mechanical engineering in association with Institution's Innovation Council. The keynote speaker was Dr. Balagopal G Menon (Assistant Professor, Department of Industrial Systems and Engineering, IIT Kharagpur). He gave a brief idea about data requirements, data processing, data collection and data cleaning. A webinar on the topic "Micromachining and its application" conducted on 17/07/2020 from 10am to 11.30am. This was organized by Department of mechanical engineering in association with Institution's Innovation Council. The keynote speaker was Dr. Nithin Tom Mathew (Assistant Professor, BITS Pilani). He discussed different types of micromachining and its applications in various fields and also the various research scopes throughout the webinar. A webinar on the topic "3D printing and its applications" conducted on 22/07/2020 from 10.30am to 12.00pm. This was organized by Department of mechanical engineering in association with Institution's Innovation Council. The keynote speaker was Mr. Mayank Gurjar (Assistant Professor, IES IPS Academy, Indore). Students from our department, research scholars as well as faculties from other institutions were participated for the same. A webinar on the topic "Lightning Risk Reduction & Management" conducted on 29/07/2020 from 10.30am to 12.00pm. This was organized by Department of mechanical engineering in association with Institute of Land and Disaster Management, Govt. of Kerala. The keynote speaker was Dr. Amalraj M (Assistant Professor, Disaster Management Center, Institute of Land and Disaster Management). Prof. Eldose K K attended a national workshop on "Perspective and challenges in outcome based research" organized by NIT, Tiruchirapally during July 13th to 17th through online mode. June 2020 Webinar on UV technology FDP and short term courses attended A webinar on the topic "Introduction to ultra violet germicidal irradiation (uvgi) using UVC technology for surface sterilization" conducted on 16/06/2020 from 10am to 12pm. This was organized by Department of mechanical engineering and students chapter of ISHRAE ASIET in association with UV care and Daikin Redd. The keynote speakers were Vipin Skaria (CTO, uv care) and Asif Malik (Lead Engineer, Redd

Daikin). Prof. Vishnu S attended a webinar on "Production planning and control" organized by department of mechanical engineering, Bharat Institute of Engineering and Technology, Hyderabad on 18/06/2020 through online pedagogy. Prof. Vishnu S has participated and passed with 55% the online quiz on Machine Design conducted by department of mechanical engineering, Geethanjali Institute of Science and Technology, Nellore, AP on 18/06/2020. Prof. Narendran A K has participated in the webinar on "Manufacturing's new normal after COVID-19" coordinated by department of mechanical engineering, Sanskrithy college of engineering, Puttaparthi, AP conducted on 5th June 2020. May 2020 Webinar on CAD/CAM/CAE FDP and short term courses attended A webinar on industrial application of CAD/CAM/CAE organized by department of mechanical engineering of Adi Shankara Institute of Engineering and Technology, Kalady in association with CADMAXX was conducted on 8/05/2020 at 10.30 am. Ashwin R L, Assistant Manager, CADMAX solutions, Bangalore was the resource person for the webinar. Prof. Eldho Mathew attended a webinar on "Guidelines for writing a research paper" organized by research committee, Arasu Engineering College, Kumbakonam on 22/05/2020 through online pedagogy. Prof. Eldho Mathew has participated in online faculty development program on "Renewable Energy Sources: A way ahead" organized by department of mechanical engineering of Maharshi Karve Sthree Shikshan Samstha's Cummin's College of Engineering for Women, Nagpur in association with ASM International and ISHRAE Nagpur Chapter during 15 May 2020 to 21 May 2020. Prof. Ben Austin attended a webinar on "Guidelines for writing a research paper" organized by research committee, Arasu Engineering College, Kumbakonam on 22/05/2020 through online pedagogy. Prof. Majo Davis attended a webinar on "Guidelines for writing a research paper" organized by research committee, Arasu Engineering College, Kumbakonam on 22/05/2020 through online pedagogy. March & April 2020 Academic excellence in KTU results 2019 Prof. Ajith M S and Prof. Majo Davis of department secured 100% pass percentage for fifth semester subject Non destructive testing. Prof. Jithesh S R and Prof. Mohammed Shiyas secured 100% pass percentage for fifth semester subject Human relations management. February 2020 Industrial Visit Machinery expo 2020 Industrial visit organized for students from mechanical department in various engineering plant in Marriot hotel on 11/02/2020. Around 15 students visited there and two staffs accompanied with them. Three faculties and three students of Mechanical engineering Department, were visited Machinery Expo 2020, organised by Govt. of Kerala at Thrissur. Staff as well as the students interacted with company officials regarding the internship, projects and placement opportunities. January 2020 Highway cleaning drive FDP Attended The Government of Kerala conducted a highway cleaning drive from Kasargod to Thiruvananthapuram. The students from the department joined the initiative along with Sree Shankara College on 25/01/2020. Assistant professors Mr. Unnikrishnan S Nair and Mr. Leo Francis attend a KTU sponsored faculty development program on Advances in Bio - Engineering held at Toc H institute of science and technology organized by department of mechanical engineering from 06th to 09th January 2020. December 2019 MoU signed NPTEL Results Published MoU signed between Adi Shankara and NIT Trichy, in presence of Dr. Mini Shajy Thomas, Director NIT and Dr. Dorai Selvam, Centre Head, CoE, Siemens on 9/12/2019. July - December NPTEL Course results published on 3/12/19. Two students from our department got elite certificate and seven students successfully completed NPTEL course with good results. November 2019 Workshop on latex Project selected for funding External world interaction Interaction at CIIRC HoD Dr. AnandRaj Hariharan delivered a speech as a resource person in computer science department based on the topic LATEX, a documentation tool on Nov 4th 2019. Dr. Kiran Joy Irimpanam's project selected for funding from Research Seed of APJ Abdul Kalam university. The title of the project is "Needless Drug Injector". The amount sanctioned for project is Rs 1,31,000. Six of our faculties gave an expert talk in mechanical department of Sree Rama Government Polytechnic College, Triprayar. The faculty such as Dr. Anandraj Hariharan, Gautham S, Ajith M S, Arun P Das, Eldhose K Joy and Vishnu S conducted classes there based on their expertise in subjects. Prof. Eldhose K Joy got an opportunity to interact with he director of CIIRC, Bangalore along with our research team. It was a valuable discussion and we hope more collaborative projects will develop with CIIRC in future. October 2019 Mechanicus'19 Renovation of home The inauguration of Mechanicus'19 conducted on October 3rd at main seminar hall. The function was inaugurated by Zacharia

Jospeh (Former President, ISHRAE, Kochi) and he was the chief guest of the function. The student chapter for ISHRAE(Indian Society of Heating, Refrigerating and Air Conditioning Engineers) was introduced during that function itself. We had 50 participants for quiz competition from 4 different colleges. Also 50 participants participated for workshop in HAP software. All the students gave good feedback for the workshop. As part of our commitment to the society, our department has renovated a damaged house in Kalady. Our final year students were completely involved in this renovation work and all of the students and teachers from mechanical department financially contributed for the successful completion of this work. September 2019 Best college in India Award Our college has emerged as one of the best college in India for Rio+24 IDRC program 2018 - 2019, United Nations Initiatives. Rio+24 IDRC program is a short term course conducted by IARC Center for United Nations based on War and Peace. It is based on the proclamations made by United Nations Assembly. 263 participants attended the course and got certified. It was conducted under the leadership of Mr. Ramakrishnan V(Campus Ambassador) and Prof. Eldhose K Joy(Faculty Advisor). August 2019 Interaction with Rubber Board Our final year students Basil Baby and Aron Sam Babu along with their project guide Prof. John Thomas and our HOD Prof. Eldose K K visited Rubber Board, Kottayam on 2/7/2019. They got an opportunity to discuss with a senior scientist there regarding their project Autotapper. He gave some valuable suggestions to improvise that product for commercial purpose.

MONTH & YEAR NAME OF THE STUDENT(S) ACHIEVEMENTS July 2024 ASME ASIET Student's Chapter ASME ASIET Student's Chapter bagged ASME INDIA Student Section Achievement Award in 2024 June 2024 Henry Joseph MUhammed Sabiq Sanoop P S Sidharth R Final year project titled "Cryogenic Treatment of Cutting Tool during End Milling of Stainless Steel 304" is selected under the scheme Financial Assistance to Student Project 2024-'25 of APJAKTU June 2024 Abhay Sankar A S B Goutham Reddy Charles Kurian Edwin Shaju Joseph Final year project titled "Development of Bio Filler Reinforced Polymers" selected as the Best project in ASPREN-24 Project Expo Placements May/June 2024 Nowarlal 3T Worldwide India Pvt. Ltd. K P Reliable Technique India Pvt. Ltd. May/June 2024 Gokul T S Nava Design & Innovation Pvt. Ltd. ZF Commercial Vehicle Control Systems Dhoot Transmission May/June 2024 Ramjith P R ZF Commercial Vehicle Control Systems Dhoot Transmission June 2024 Karthik R Nair K P Reliable Technique India Pvt. Ltd. Almiya Engineering Consultants Pvt. Ltd. June 2024 Emil Reemon RDC Concrete (India) Ltd. June 2024 Archana S Pai ZF Commercial Vehicle Control Systems June 2024 Nithin Santhosh ZF Commercial Vehicle Control Systems June 2024 George James P K P Reliable Technique India Pvt. Ltd. June 2024 Deepak Sanjay Future Construction Equipments & Spares June 2024 Govind V Future Construction Equipments & Spares June 2024 Harishankar P B Future Construction Equipments & Spares June 2024 Aljin Vinson Almiya Engineering Consultants Pvt. Ltd. June 2024 Madhav Muraleedharan Almiya Engineering Consultants Pvt. Ltd. June 2024 Maheshwar M Nair Almiya Engineering Consultants Pvt. Ltd. June 2024 Ankith Raj C S Pro Source Engineering Solutions LLP July 2024 Edwin Shaju Joseph Amphenol FCI July 2024 Ashima Thomson Teachnook July 2024 K A Gokulnath Teachnook

MONTH & YEAR NAME OF THE STUDENT(S) ACHIEVEMENTS June 2024 Henry Joseph MUhammed Sabiq Sanoop P S Sidharth R Final year project titled "Cryogenic Treatment of Cutting Tool during End Milling of Stainless Steel 304" is selected under the scheme Financial Assistance to Student Project 2024-'25 of APJAKTU June 2024 Abhay Sankar A S B Goutham Reddy Charles Kurian Edwin Shaju Joseph

Dr. Jithesh K has published a research article titled, "Hot Corrosion Studies on HVOF Coated Alloy A-286 in Molten Salt Environment" in the Archives of Metallurgy and Materials, indexed in the Science Citation Index Expanded (SCIE).

Dr. Jithesh K and Dr. Vinay T V got APJAKTU Research Seed Money (RSM) grant in 2024

Mr. Eldho Mathew, Assistant Professor received prestigious ASME INDIA Faculty All Star Supporter Award 2023-'24

Patent is published in the name of Dr. Nidhin Raj A, Associate Professor and others for design of "Garden Robot"

Students' project titled "Cryogenic Treatment of Cutting Tool During End Milling of Stainless Steel 304" supervised by Dr. Vinay Varghese, Associate Professor is selected for APJAKTU Students' Project Fund in 2024

Dr. Jithesh K, Associate Professor and Dr. Vinay Varghese, Associate Professor participated in Profesional Development Programme on "Instructional Design and Delivery Systems" conducted at NITTTR Extension Centre, Kalamassery from 03/06/2024 to 14/06/2024

Patent is granted to Dr. Vinay Varghese, Associate Professor and others for design of "Tree and Branches Cutting Machine"

Dr. Jithesh K, Associate Professor has participated as an evaluator in the technical paper presentation event held during the Young Innovators Technical Summit -2024 on February 23, 2024 at Govt. Polytechnic College, Kalamassery.

MoU signed between Department of Mechanical Engineering and Facein Technologies Pvt. Ltd. on 07/11/2023.

Students' project titled "Waste plastic converted into 3D printing filaments" supervised by Dr. Jithesh K is selected for APJAKTU Research Seed Money (RSM) grant in 2023

Dr. Kiran Joy Irimpanan's project selected for funding from Research Seed Money Grant of APJ Abdul Kalam university. The title of the project is "Needless Drug Injector". The amount sanctioned for project is ₹1,31,000/-

Dr. Jobin Varghese, Associate Professor published a book chapter titled "Design and Development of 3-DoF Mechanism for the Exoskeleton Hip Joint" in Advances in Systems Engineering, Springer, Singapore

Prof. Eldose K K and Prof. Eldhose K Joy were invited as a resource persons for the faculty training session at MES College of Engineering and Technology, Kunnukara, based on the topic Outcome based education in connection with new KTU guidelines for academic audit.

MoU signed between Adi Shankara and NIT Trichy, in presence of Dr. Mini Shajy Thomas, Director NIT and Dr. Dorai Selvam, Centre Head, CoE, Siemens on 9/12/2019.

Dr. AnandRaj Hariharan delivered a speech as a resource person in computer science department based on the topic LATEX, a documentation tool on Nov 4th 2019.

Prof. Eldhose K Joy got an opportunity to interact with he director of CIIRC, Bangalore along with our research team. It was a valuable discussion and we hope more collaborative projects will develop with CIIRC in future.

Six of our faculties gave an expert talk in mechanical department of Sree Rama Government Polytechnic College, Triprayar. Dr.Anandraj Hariharan, Gautham S, Ajith M S, Arun P Das, Eldhose K Joy and Vishnu S conducted classes there based on their expertise in subjects.

Department Newsletter

THE COTERIES BULLETIN 2024

April 2024

May 2024

June 2024

July 2024

March 2024

February 2024

January 2024

THE COTERIES BULLETIN 2023

September

October

November

December

August

July

June

May

April

March

February

January

Gallery

Achievement of ASME ASIET Students' Chapter

MoU with BIMLABS Engineering Services Pvt. Ltd.

Achievements of ASME Students Chapter of ASIET

Placement at Ashok Leyland

Final year Mechanical Engineering student Mr. Edwin Shaju Joseph placed at Amphenol FCI

Faculty Development Program on "Safety, Security and Health"

Toppers of B.Tech in Mechanical Engineering - 2024

Toppers of Eighth Semester Mechanical Engineering students - 2024

Selected for fund of APJAKTU Student Project 2024-'25

Department of Mechanical Engineering, ASIET has been awarded institute membership by IIW India

Appreciation Letter - Consultancy work of Mechanical Engineering Department for Global Science Festival of Kerala-2024

An Expert Talk on "Maintenance System in Process Industry" by Sri. Asok Rajan,

Manager, CES & Safety, Nitta Gelatin India Ltd.

Faculty interaction with Dr. B Ravi, Director, NIT Surathkal

Workshop on Fusion 360

Workshop on Additive Manufacturing and Fusion 360

Cash awards were distributed to students who successfully completed NPTEL Massive Open Online Courses (MOOC)

Placement - Dhoot Transmission Pvt. Ltd.

Placement - Almiya Engineering Consultants Pvt. Ltd.

Placement - Pro Source Engineering Solutions LLP

Placement - Future Construction Equipments & Spares

Project Exhibition of final year students

Placement - Nava Design & Innovation Pvt. Ltd.

Placement - Core companies in Mechanical Engineering

Placement - Team ASIET to Germany

Placement - 3T Worldwide India Pvt. Ltd.

A workshop on Heating, Ventilation, and Air Conditioning (HVAC). This workshop was specifically designed for first and second-year students, aiming to provide them with a foundational understanding of this critical field.

Team Stallions Motorgarage under Department of Mechanical Engineering has participated in the National Level Moto student competition conducted by FMEA at Kumaraguru College of Technology, and Kari Motor speedway at Coimbatore. It is the first motobike fr

Students having both B.Tech in Mechanical Engineering and Minor Degree in Robotics and Automation Engineering

Department of Mechanical Engineering signed a MoU with Facein Technologies Pvt. Ltd.

Team Stallions Go-kart under Department of Mechanical Engineering has participated in the National Level Formula Kart Design Challenge (FKDC) conducted by FMEA at Kumaraguru College of Technology, and Kari Motor speedway at Coimbatore.

Workshop on ANSYS FEA software has been conducted for Third-year students of Mechanical Engineering Department.

Final year students of Mechanical Engineering Department participated Aero Design Challenge workshop at SRM University and qualified for National Level Competition .

Executive Committee Members of ASME Chapter. Our ASME Chapter secured the ASME Student Section Recognition Program's Most Significant Membership Growth Award and won a fund of ₹10,000/-

Octane -Tech fest and Auto show of Mechanical Department

MECHANICAL BLOCK

Emil Bento of S4ME-A bagged bronze medal for discus throw in Kerala Technological University athletic meet.

Industrial visit organized for students of Mechanical Engineering Department.

Process

Methodology

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Useful Links:

Admissions 2024

B.Tech Admissions

Business School Admissions

Contact Us

IEDC

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NBA

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ARIIA

Careers

CAREER-CONNECT

Admission 2024

Login

Grievance redressal Student login Staff login Parent login Alumni login

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College Code:

Admission

Robotics and Automation

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The department of Robotics and Automation is established to meet the growing demand for trained engineers in the field of industrial automation. This is a futuristic cross-sectional discipline that requires a sound, proportional knowledge of hardware as well as software. This unique program is tailored to train and mold quality automation engineers to meet the needs of various engineering fields

Why a course in Robotics & Automation

The recent developments in process industries and the medical field clearly show the increasing demand for automation and the use of robots for various applications. Studies state that in the coming years most of the human jobs currently done will be managed by robots/ robotic machines with and without intelligence. Advances in artificial intelligence and machine learning have helped robotics to spread its wings outside industrial ecosystems. Robotics is a

field of engineering that deals with the design and application of robots and the use of a computer for their manipulation and processing. Robots are used in industries for speeding up the manufacturing process and this has created an emerging area of research called Robotic Process Automation. They are also used in the field of medicine, nuclear science, sea-exploration, servicing of transmission electric signals, designing of bio-medical equipment, etc. Robotics requires the application of computer integrated manufacturing, mechanical engineering, electrical engineering, biological mechanics, software engineering. Automation and Robotics Engineering is the use of sensors, actuators, control systems and information technologies to reduce the need for human intervention. In the scope of industrialization, automation is a step beyond mechanization. This course will equip the students to enhance their technical skills to suit the changing requirements of the engineering society. There is a wide scope of higher education and entrepreneurship in the field of robotics.

Scope of Robotics & Automation

Increasing the demand for quality products and services at low cost has led industries towards automation and robotics engineering. Shortly, robotics and automatic systems will be replacing human intervention in several hazardous places including mining. The manufacturing industry also requires a specialized workforce to replace manual human laborers. The field is dynamic and has lots of arms like designing, maintenance, functional, and programming (software and hardware).

Employment opportunities for graduates includes:

Robotic Process Automation.

Space research.

Automation companies.

Automotive companies.

Manufacturing and processing industries

Telemedicine and surgery.

Biomedical industries.

Higher studies.

Entrepreneur's opportunities.

Domestic and Home Automation.

Design and Analytics.

Vision

Progress through quality education and evolve into a center for academic excellence in the field of Robotics and Automation.

Mission

To provide supportive academic environment for value added education and continuous improvement to become the leaders in robotic research and education.

To develop socially responsible engineers with technical competence, leadership skills and team spirit.

What Our Students Say

Arjun M

Final year

"My journey as a final year Robotics and Automation student at Adi Shankara Institute of Technology has been nothing short of extraordinary. From the academics to the co-curricular activities, industrial visits, and placement opportunities, every aspect of my experience here has been filled with beauty, positivity, and immense growth. First and foremost, the academic program at ASIET has been outstanding. The faculty members are not just knowledgeable but also incredibly passionate about their subjects. Their dedication and support have been instrumental in shaping my understanding of robotics and automation. The well-structured curriculum, coupled with hands-on practical sessions, has given me a strong theoretical foundation and practical skills that I can confidently apply in the real world. But it's not all about the classroom; ASIET recognizes the importance of holistic development, and that's where co-curricular activities come into play. The college offers a plethora of clubs and societies, catering to a wide range of interests. I joined the Robotics Club, and it has been an incredible journey of creativity, innovation, and teamwork. The club provided me with a platform to work on exciting projects, participate in competitions, and learn from my peers. These experiences have not only enriched my technical skills but have also taught me valuable life lessons of perseverance and collaboration. Industrial visits have been a highlight of my time at ASIET. The college understands the significance of bridging the gap between theory and industry practices. The exposure we received during these visits to renowned robotics companies and manufacturing units gave us valuable insights into the practical applications of what we were learning. It was inspiring to witness how cutting-edge technologies were being utilized to solve real-world challenges. These visits have instilled in me a strong sense of purpose and motivation to excel in my chosen field. As I approach the end of my journey, I am filled with gratitude for the exceptional placement opportunities provided by ASIET. The college has a dedicated placement cell that works tirelessly to connect us with top-notch companies in the industry. Mock interviews, resume-building workshops, and personality development sessions have been immensely beneficial in preparing us for the professional world. The support and guidance we received throughout the placement process boosted our confidence, and I am delighted to share that many of my batchmates, including myself, have secured excellent job offers with leading robotics and automation companies. Overall, my experience at Adi Shankara Institute of Technology has been truly transformative. It's a place that fosters a culture of innovation, creativity, and growth. The campus ambiance, the warm friendships I've made, and the exposure to cutting-edge technology have made these four years unforgettable. I feel well-equipped to embark on my professional journey, and I am excited to contribute positively to the world of robotics and automation. I will forever cherish my time here and proudly call myself an ASIETian."

Department Advisory Board

Santhakumar Mohan

Professor - Department of Mechanical Engineering IIT Palakkad

Mr Anand Iyer

Principal Consultant, Innovative Consulting Inc

Dr V R Jisha

Professor, Electrical and Electronics Department , CET

Dr A P Sudheer

Associate Professor , Department of Mechanical Engineering, NIT Calicut

Mr Jithin Felix

Sr. Manager - Operations , SMEClabs

The Department of Robotics and Automation offers

Bachelor of Technology in Robotics and Automation

National and International Student Chapters

ISA ASIET STUDENTS CHAPTER

TRS ASIET STUDENT CHAPTER

Program Specific Outcomes (PSO)

PSO-1:

Design and develop highly efficient and cost effective robotic and automation systems using advanced tools and control strategies.

PSO-2:

Apply the knowledge of robotics and automation to provide solutions in industrial and societal challenges.

Programme Outcome (PO)

Engineering Graduates will be able to:

P01. Engineering knowledge :

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

P02. Problem analysis :

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.

P03. Design/development of solutions :

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.

P04. Conduct investigations of complex problems :

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.

P05. 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.

P06. 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.

P07. 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.

P08. Ethics :

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. Individual and team work :

Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. Communication :

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.

P011. 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.

P012. Life-long learning :

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Course Outcome

Dr. Vinila M L

Associate Professor & HOD

Dr. Sreepriya S

Dean - Research and Associate Professor

Dr. Athira M

Associate Professor

Dr. Julia T J

Associate Professor

Sreedeeep Krishnan

Associate Professor

Ranjeesh R Chandran

Assistant Professor - Selection Grade

Anju Mary Joseph

Assistant Professor

Ravi Balakrishnan

Adjunct Professor

Arun Kumar K

Assistant Professor

Philip C Jacob

Assistant Professor

Jeeshma Mary Paul

Assistant Professor

Safeena M K

Assistant Professor

Subha M M

Lab Instructor

Sangeetha M S

Lab Instructor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

Robot Operating System Lab (ROS Lab)

Industrial Robot Lab

Industrial Automation Lab

Industrial Drive Lab

Unmanned Aerial Vehicle Lab (UAV)

Sensors Lab

Research Publication :

Academic Year : 2022-2023

Dr. Vinila M L and Dr. Sreepriya S has published a journal paper titled "Robust control of isopropyl benzene production process using H_∞ loop shaping control scheme" in Journal of Control and Decision, Taylor and Francis, December '22.

Dr. Vinila M L and Dr. Sreepriya S has published a journal paper titled "Comparative study of different modelling strategies for cumene production process" in Journal of Indian Chemical Society, Elsevier, September'22.

Prof. Sreedeeep Krishnan has published a journal paper titled "Computer Vision-based Advanced Valve Positioner" in IEEE Explore, October'22.

Prof. Ranjeesh R Chandran and Prof. Sreedeeep Krishnan has published a journal paper titled "ECG Based Stress Detection Using Machine Learning" in IEEE Explore, April'22.

Academic Year : 2021-2022

sl no: Faculty Name Paper Title Journal Details Year 1 Ranjeesh R Chandran Eco-Friendly Regenerative Burners: Global Effects & Significance International Journal of Aquatic Science 2021 2 Two State of Art Image Segmentation Approaches (book chapter) 2021 3 Vinila M L, Sreepriya S Modelling and performance analysis for cumene production process in a four-layer packed bed reactor International Journal of Chemical Reactor Engineering 2021 4 Sreepriya S, Vinila M L PH Control in Sodium Chlorate Cell for energy efficiency using PSO-FOPID Controller July 2021. Chemical Industry & Chemical Engineering Quarterly 2021 5 Sreedeeep Krishnan Eco-Friendly Regenerative Burners: Global Effects & Significance International Journal of Aquatic Science 2021 6 Dr. Megha G Krishnan Image space trajectory tracking of 6-DOF robot manipulator in assisting visual servoing Automatika 2022 7 Real-Time Integration of Industrial Robot with MATLAB. In: Kumar, A., Mozar, S. (eds) ICCCE 2021. Lecture Notes in Electrical Engineering, vol 828. Springer, Singapore. 2022

Academic Year : 2020 - 2021

Sl no: Faculty Name Paper Title Journal/Book chapter Year 1 Ranjeesh R Chandran Smart Umbrella International Journal of Scientific & Engineering Research, Volume 8, Issue 1, May-2020 2020 2 Sreepriya S, Vinila M L Adaptive neuro-fuzzy approach to sodium chlorate cell modeling to predict cell pH for energy-efficient chlorate production Chemical Engineering Communications 2021 3 Dr. Megha G Krishnan Neural network-assisted robotic vision system for industrial applications Asian J Control 2021

FACULTY DEVELOPMENT PROGRAM:

Academic Year 2022-2023

1. Faculty Members of Robotics and Automation undergone a FDP on "Fusion 360" on 14/07/2022
2. Prof. Anju Mary Joseph undergone training on topic "Machine learning, Deep learning and Computational intelligence for wireless communication" (MDCWC2022): Module -I conducted by NIT Thiruchirappalli from 30 May'22 - 10 June'22 (10 days)

Academic Year 2021-2022

1 Sreedeeep Krishnan "State of the art applications and research areas in high voltage engineering (RAHVE-2021)" NITC (ATAL) 05-09/07/2021 "Virtual and Augmented Reality for Robotics" Vimal Jyothi Engineering College.(ATAL) 2021-7-12 to 2021-7-16 "Smart Grid - Key to a sustainable Future" Dr. S.& S.S.Ghandhy Government Engineering College, Surat.(ATAL) 2021-06-28 to 2021-07-02 2 Dr. Megha G Krishnan Successfully completed the 8 week NPTEL online certification course "Wheeled Mobile Robots" Jan-March 2022 3 Sangeetha M S 5 days FDP in Robotics on by Govt.Polytechnic College, Thrissur(ATAL) , Jan-March 2022 5 days FDP in AI enabled IoT Networks on by EC Dept.ASIET, Kalady (ATAL) 13-Sep-21 to 17-Sep-21 3 Days STTP on Machine Learning and Deep Learning with deployment by ASIET Kalady 22-Jul-21 to 24-Jul-21 4 Subha M M 5 days FDP on 'Robotics & Artificial Intelligence' by K.I.T's College of Engineering. (Atal). 22-Jul-21 to 24-Jul-21 5 days FDP on 'Robotics & Artificial Intelligence by K.I.T's College of Engineering. (Atal). 8 Nov 2021 to 12 Nov 2021

Name Achievement Year Arjun M First Prize- Matlab Competition organized by IEEE Society 2022 Rahul Reji Runner-Up - Mr Kerala Competition 2023

Name Achievement Year Megha G Krishnan Invited talk at Universal College 2022

Megha G Krishnan Completed NPTEL course on "Wheeled Robots" 2022 Dr. Megha G Krishnan Recieved PhD from NIT Calicut - Research Area- "Image processing technique for Industrial Robot" 2022 Dr. Vinila M L Recieved PhD from NIT Calicut - Research Area- Modelling and Control of non linear system 2022 Dr. Sreepriya S Recieved PhD from NIT Calicut- Research Area- "Process Control" 2022

Department Newsletter

ROBOTECH 2024

April

JUNE

JULY 2024

MAY

March

February

January

ROBOTECH 2023

December

October

September

April-August

Jan-Feb-Mar

ROBOTECH 2022

Oct-Nov-Dec

Jul-Sep

ROBOTECH 2021

Jul-Aug

June

Apr-May

March

January

Gallery

Drone Club - Introductory Class

ROS - ADD ON COURSE offered to Robotics and Automation Department 2022-2026 batch from 03/07/2024 to 05/07/2024 . The session was handled by Mr Hari Narayanan N M G from Saintgits College of Engineering

FPEC organized by Department of Robotics and Automation from 10/07/2024 to 12/07/2024

PROJECT EXPO - Final year students of batch 2020-2024 presented final year projec

Dr. Anand VS Robot Systems Research Group Lead , Laboratory for Product Development and Lightweight Design Technical University of Munich, Munich, Germany interacted with students from Robotics and Automation , Artificial Intelligence Department students

Batch 2021-25, Semester 6 students visited Inker Robotics, Thrissur on 07/03/24 as part of Industrail visit programme

Batch 2022-26, Semester 4 students visited Feather Touch Automation, Coimbatore on 04/03/24 as part of Industrail visit programme

Results

Visit to Asimov Robotics at Kerala Startup Mission

Guest lecture on "Application of IoT in Robotics" by Sasikumar R from JANATICS Pneumatics

Final year students of batch 2019-23 went for Industrial visit - ASIMOV- at Kerala Startup Mission

Congratulations team ASIET for the best stall award at technical exhibition conducted as part of "SARJANA" at Christavamahilalayam school.

Science Exhibition @Christava Mahilalayam Public School, Aluva

Five days workshop on Robot Operating System conducted by Er. Chinn Mohanan for Third year Robotics and Automation Department Students from 04/09/2023

ROBOTICS BOOTCAMP AND HACKATHON - DAY 3 - Hackathon on Industrial water system using Arduino

ROBOTICS BOOTCAMP AND HACKATHON hosted by The Robotic Society(TRS) in association with International Society of Automation (ISA) - DAY 2 - Robosoccer workshop, Underwater Robotics workshop

Robotics Bootcamp and Hackathon hosted by TRS (The Robotics Society) in collaboration with ISA (International Society of Automation) began on September 22nd, 2023 at Adi Shankara Institute of Engineering and Technology, Kalady.

Workshop on IIoT and Augmented Reality conducted on 17/08/23 by Department of Robotics and Automation under the banner of ISA . Mr Anand Krishnan Iyer, Principal Consultant, Innovative Consulting Incorporated interacted with students and Faculty.

INDRAJITH V S of S2, Robotics and Automation Department, ASIET, is delivering a Session on Building & Flying FPV Drones for Boot Camp 1.0 on Drone/UAS Allied Technologies organized by NIELIT Calicut, Funded by MeitY, Govt. of India on 23rd March 2023

Students of S6 Robotics & Automation exhibiting the "COBOT" designed by them at 5th Machinery Expo Kerala 2023 Organized by Dept of Industries & Commerce Govt of Kerala from 11th to 14th March 2023.

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

Phone :

Tel: 0484-2463825, 2466066, 2461933

+91 9880855302 (Principal)

+91 9446523599 (Prof: Incharge of Admission)

Mob : 9995533744

Fax: 0484-2463828

Email: info@adishankara.ac.in

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[Call us +91 9995533744](#)

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Adi Shankara Business School, the Department of Management Studies takes pride in being part of a 70-year-old legacy that believes education is life. In ASBS management learning is a continuous process and we strive to ensure that what is learned remains with the participants for a lifetime. Since its inception in 2004, the School has worked hard to offer progressive, research-led management education while being firmly rooted in its ideologies. The Business School is located in the idyllic, environment-friendly campus of Adi Shankara Institute of Engineering and Technology. It is run by the Adi Sankara Trust under the patronage of Sri Sri Jagadguru Sankaracharya of Sringeri Sarada Peetham.

We at Adi Shankara Business School firmly believe that theory and practice are two sides of the same coin, which makes sustained learning possible. While theoretical knowledge teaches the students the technicalities of a subject, experiential learning leads to a deeper understanding of a concept. We try to ensure that our participants learn and apply their knowledge, inside and outside the classroom, without adding extra months or years to their studies.

At the Adi Shankara Business School, the MBA participants are not merely acquiring knowledge within a narrow and constrained classroom settings but they apply the gained knowledge to real world business challenges through hands-on practice and proof test the accumulated pool of knowledge. The participants go beyond the four walls and experience what business leaders endure and learn the crux of business as they manage different facets like time management, stress management, managing finance and group dynamics through our unique programs like Aswamedha, Bizthon, One Day Sale, Campus to Corporate as well as the student chapter activities of ISTD and KMA aimed to kindle the spirit of social awareness among the business school participants.

Vision

To emerge as a center of excellence in Management Education and Research through value-based learning.

Mission

To disseminate quality education in management through a holistic and innovative approach.

To foster a conducive learning environment and encourage continuous improvement.

To build leaders of ethical values who can contribute to organization and society.

NEWS

Industrial Visit to D World Vallarpadam

Apr

11

Industrial Visit to Highland Tea Factory

Mar

16

Digital Marketing Workshop

Mar

15

KAUTILYA-23

Mar

10

Training Programme on "Digital Marketing

Feb

22

One day Sale Program

Dec

19

Expert Talk - Shijith T C

Dec

09

Expert Talk - George Kunnath

Dec

07

Industry Academia Conclave

Nov

26

Expert Talk - Sajiv K Menon

Nov

08

Industrial Visit to Nitta Gelatin India Ltd

Oct

18

Mr.Ranjith Ramachandran, Mentor and Strategic Advisor Addressing Students

Oct

07

One Day Sale

Jun

22

One Day Sale

Expert Talk - Azeem Abdulla

Jun

22

Expert Talk by Azeem Abdulla

SAP Orientation Programme

Apr

20

Expert Talk - SAP Orientation Programme

Theatrical Skills Workshop

Apr

08

Theatrical Skills Workshop

International Conference - Ethics

Feb

18

International Conference on Ethics

Advaita 2K22

Feb

04

Advaita 2k22

Expert Talk - Reju Varghese

Jan

28

Expert Talk by Reju Varghese

Expert Talk - Priya Shaji

Jan

27

Expert Talk by Priya Shaji

Covid Helpline

Jun

21

Covid Helpline in association with MGNCRE

Expert Talk - Vidya Pillai

May

12

Expert Talk by Vidya Pillai

Webinar - Ethics in Business

Feb

12

Ethics in Business - Webinar

Budget Discussion

Feb

03

Budget Analysis 2021

Member of National Rural Entrepreneurship Mission.

Nov

13

Rural Entrepreneurship Development Cell

Adi Shankara Business School Clubs

Nov

13

Extra Curricular Clubs

Entrepreneurial Webinar - Omana Muraleedharan

Nov

03

Entrepreneurial Webinar Omana Muraleedharan

MBA Inaugural Programme

Oct

07

MBA Programme Inaugural

Entrepreneurial Webinar - Mathew Joseph

Sep

29

Entrepreneurial Webinar - Mathew Joseph

Expert Talk - TR Ananthanarayanan

Sep

22

Expert Talk by TR Ananthanarayanan

Entrepreneur Webinar - Umesh Desai

Sep

17

Entrepreneurial Webinar Umesh Desai

Exper Talk - Ashley Rebeiro

Sep

15

Expert Talk by Ashley Rebeiro

Expert Talk - Vinita Gattani

Aug

25

Expert Talk by Vinita Gattani

Expert Talk - Sanil C Namboodiripad

Aug

18

Expert Talk by Sanil C Namboodiripad

Expert - Dr. UV Somayajulu

Dec

16

Exper Talk by Dr. UV Somayajulu

Adi Shankara Business School Events 2019-20

Oct

02

The year was filled with impact making events. The events were all well organized and executed by the students.

What Our Students Say

Sujith Unni MS

Regional Head, NASSCOM

Apart from the lush green campus backed by astonishing infrastructure, studying in Adi Shankara gave me a lead for life long career excellence. From the very supportive faculty members to excellent pedagogy, everything helped me enhance my skills to the optimum and is still inspiring me to never give up.

Divya Shukla

Assistant Manager, HR Operations & Talent Management, Reliance Jio Infocomm Ltd, Kerala

Confidence & persistence comes with knowledge and knowledge comes with expert guidance. I extend my gratitude to the faculty of my college for bringing out my best version in me.

Mohammed Hisham

Head- Wealth Centre, Federal Bank Ltd

My tryst with ASIET was unique in many ways. The institute has a dynamic campus with an infrastructure reflecting the rich Sankara tradition. The faculty is a team of well experienced, dedicated scholars who leave no stones unturned when it comes to honing our skills, always urging us to think out of the box. In fact ASIET offered me the Head start I was looking for in the form of campus recruitment.

Department Advisory Board

The Department has a strong advisory committee comprising of Dr.D.Mavoothu, Professor and former Director at School of Management Studies, CUSAT, Mr.Srijit Vijayan, Chairman & Managing Director, Konseal PVC Profiles Pvt. Ltd. and Mr.Shijith TC, Dy General Manager (HR), Akesis Pharma (P) Ltd.

Dr.D Mavoothu

Professor & Former Director, SMS, CUSAT

Mr.Srijit V

Chairman & MD, Konseal PVC Profiles

Mr. Shijith TC

Dy General Manager (HR) Akesis Pharma

The Department of Business School offers

Masters of Business Administration (2 Year Full Time)

National and International Student Chapters

Program Educational Outcomes (PSO)

PEO-1 Integrate tools and concepts from multiple functional areas such as Finance, Marketing, Operations, HRM, Systems etc. to solve business problems.

PEO-2 Students should be able to evaluate and integrate ethical considerations when making business decisions.

PEO-3 To develop competent Business Professionals

Programme Outcome (PO)

PO-1 Apply Knowledge of management theories and practices to solve business problems

PO-2 Foster Analytical and Critical thinking abilities for data-based decision making

PO-3 Ability to develop value based Leadership Ability

PO-4 Ability to understand, analyze and communicate global, economic, legal and ethical aspects of Business

PO-5 Ability to lead themselves and others in the achievement of organisational goals contributing effectively to a team environment.

Course Outcome

Our strength is our faculty members who have rich experience and varied in both Industry and Academia. Several of our faculty members are Ph.D holders and most of the others are in the final stage of their doctoral research or pursuing Ph.D. They are actively involved in research and publications and attend several training programmes in leading institutions in India and are also trained in latest management aspects.

Shaji Mohan

Industry Institution Connect & HOD

Dr. Madhu C S

Professor

Nimal C N

Associate Professor

Renjith K R

Senior Assistant Professor

Manju M Mathew

Assistant Professor

Sidharth S Nair

Assistant Professor

Dr. Chinju CJ

Assistant Professor

Jisha J

Assistant Professor

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

Classrooms

Consultancy work for BDAI. Students did field survey interviewing eco farmers in Kuttikanam

Adi Shankara Department of Management Studies offers a two-year MBA program under the aegis of The APJ Abdul Kalam Technological University. The course spans across six trimesters and includes an intensive two-month summer internship program. Additionally, Adi Shankara Department of Management Studies has integrated a one-year Post Graduate Diploma in Business Analytics into the course. The academic schedule of the Business Department is carefully planned to ensure timely completion of the course and facilitate pre-placement training. The students are also trained in Event Management, MS Excel, SPSS, RI and R Studio. Adi Shankara Department of Management Studies offers specializations in Marketing, Finance, Operations, and HR. Academics at Adi Shankara Business School are supplemented with industry-oriented add-on courses so that participants are "industry ready" by the time they finish their programme. Additionally, we emphasize and encourage co-curricular activities to build the overall persona of every participant.

29/04/2024 Industrial Visit SYMBA students went on an industrial visit to Keynes Technologies, Mysore. 22/03/2024 Leadership Workshop Ernst and Young (EY) conducted a Leadership & Entrepreneurship Enrichment Programme for the MBA students Leep 2024 21/03/2024 Expert Talk One day Awareness Programme on Portfolio management in tie up with Malayala Manorama and Geojit Securities 23/02/2024 Expert Talk Motivational speech by Vivek Namboodiripad the Ultra Marathoner 18/01/2024 Industrial Visit FYMBA students visited Doddabetta Tea Factory 08/01/2024 Field Visit FYMBA students did a field survey for BDAI at Kuttikanam/Peermade 23/11/2023 Industrial Visit HR students visited SFO Technologies 18/11/2023 Alumni Talk Muhammed Sahal, Area Executive, ITC. Spoke to the SYMBA students 26/10/2023 Industrial Visit FYMBA students visited Nitta Gelatin India Limited 06/10/2023 E Conclave Kautilya '23 an Entrepreneurship Conclave was organised on 6th October 2023. The following eminent personalities were guest speakers 1. Mr. Sarath Raj (Associate Director- Grant Thornton Bharath) 2. Mrs. Sindhu Augustine - Managing Director, Toy Forest Industries Pvt Ltd 3. Mr. Shahim Baker- CEO and Founder Baker & Grey security system 4. Mr. Sameer K N, CEO and Director Tameemi Foods Pvt Ltd 01/10/2023 Youth Retreat

Three of the MBA students attended the youth retreat organised at the Sharada Peetham, Sringeri 27/06/2023 Samavarthana 2023 Passing out ceremony of our SYMBA students 2023 batch 28/04/2023 Expert Talk On Securities Market and Career Growth for FYMBA by Manoj Neelakandhan 26/04/2023 Expert Talk Talk by Dr.AS Unnikrishnan, Lead Scientist, Intergovernmental Panel on Climate Change. 18/04/2023 Expert Talk Career Orientation Seminar by Lijil Lakshman, CA 10/03/2023 E Conclave Kautilya 2023, E Conclave organised. Mrs. Sheela Kochouseph, Founder, V Star Creations and Mr. Sarath V Raj, CEO, KIDE were the guest speakers. 07/03/2023 Business Plan Contest Among the students of Adi Shankara and which was part of the E Conclave 22/02/2023 Industry Visit SYMBA went on a visit to understand the operations of Web & Craft the Digital Marketing Firm. 11/02/2023 Student Summit SYMBA students participated in the Professional Student Summit at AdLux Convention Centre 19/12/2022 One Day Sale One day sale of the Entrepreneurship Club was conducted by the FYMBA students. 13/12/2022 & 04/11/2022 Industry Visit S3 MBA had a one day visit to DP World, Vallarpadam 09/12/2022 Expert Talk Talk by our alumni Shijit TC, DGM (HR), M/s Akesis Pharma, Kochi on HR Trends & Role of HR Manager, Post Covid - 19 07/12/2022 Expert Talk Motivational session by George Kunnath, Enabler Coach 03/12/2022 Event Management FYMBA managed the event Tiecon, Kerala Entrepreneur Summit at Le Meridien 28/11/2022 - 03/12/2022 Value Added Course 30 Hour course by Prof Mansoor Ali, Christ University, Bangalore on Business Analytics. 26/11/2022 Industry Academia Conclave Four key people of Apollo Tyres came as the resource persons for the Industry Academia Conclave 25/11/2022 ISTD Chapter Inauguration ISTD student chapter inaugurated, Mr. SR Nair, Entrepreneur and Author and Mr.Dinesh Thampi, VP, TCS were the main guests. 11/11/2022 & 12/11/2022 Tidal Mapping SYMBA did mapping of tidal wave flooding for the government of Kerala. Mr.Harshil Meena IAS Assistant Collector, Ernakulam flagged off the event. 08/11/2022 Expert Talk Mr. Sajiv K Menon, Director, Nitta Gelatin India Limited spoke to the MBA students 18/10/2022 Industry Visit One day visit by the FYMBA to Nitta Gelatin India Limited 07/10/2022 Expert Talk Mr. Renjith Ramachandran, Mentor and Strategic Advisor Plant Lipids spoke to MBA students 30/09/2022 Metaverse Conclave SYMBA students participated in the Metaverse conclave held by ICT Academy 19/09/2022 Samavarthana 2022 Send off for the 2022 MBA Batch. 25/07/2022 Market & Industry Visit SYMBA students went for a Market Visit in rural Pollachi and then visited the Bakers Group in Coimbatore 21/07/2022 - 22/07/2022 Internship Programme Two day internship programme for Digital Marketing with ALG 14/07/2022 Expert Talk Session on Cloud Computing and Industry 4.0 by Mr.Suresh Kumar, MD Skybertech IT Innovations Pvt Ltd for SYMBA students 19/06/2022 - 01/07/2022 Value Added Course 5 day Logistics Management course in collaboration with Malaysia University of Science & Technology. 18/06/2022 HR Conclave HR Conclave co-hosted with HR Shapers. 43 HR delegates participated. Rajeev George, Prasita Prasad, Renjith KK, Sreelal MR, Koshy Ancheril, Arun Sukumar Kaimal and Poornima Viswanathan were the main speakers 27/05/2022 Alumni Colloquium Our alumni Mr Bobby Fernandez (2005-07), Mr. Kiranraj (2005-07), Mr. Ajith Manohar (2006-08) and Mr Anush Joseph (2007-09) spoke on the occasion. 07/05/2022 Workshop One day virtual FDP on Academic Research writing organised by the department 20/04/2022 Expert Talk SAP Orientation Programme by V R Jayaraman 13/04/2022 One Day Sale One Day Sale organised by the FYMBA students of the Entrepreneurship club. 31/03/2022 Industrial Visit FYMBA industrial visit to Ripple Tea Factory, Munnar 11/03/2022 Industrial Visit FT MBA Industrial Visit to Nitta Gelatin India Limited. 07/03/2022 Industrial Visit SYMBA industrial visit to Jeevan Tea Factory, Munnar 04/02/2022 - 05/02/2022 Advaita 2K22 The Management Fest organised by the MBA students. 28/01/2022 Expert Talk Live webinar, Data Analytics: Tools and Business Applications by Reju Verghese 27/01/2022 Expert Talk Talk on AI in recruitment, Priya Shaji, Senior Manager (Talent) at Zappyhire 02/11/2021 Samavarthana 2021 Passing out ceremony of our 2021 batch 25/10/2021 Induction Induction ceremony of the 2021-23 batch. 13/06/2021 Social Connect Corona Warriors in association with MGNCRE giving medical, physical and mental support to the common man. 12/05/2021 Expert Talk Vidya Pillai speaks about Internship and Industry Expectation 19/03/2021 FDP One day FDP on outcome based education by Prof. Santosh S 15/02/2021 - 04/03/2021 Value added course Online certification course in Business Analytics by Sameer Rohadia. Data Analyst, Hanover, Germany 12/02/2021 Webinar Ethics in business webinar. Speakers include

Mr Joseph Sudhip, Business Coach, Mr. BK Basu, VP Projects, L & T, Mr. John Kuriakose, Fonder & MD of Dentcare Pvt Ltd and Mr. Ram Bhaskar, HR and Business Excellence, Nitta Gelatin India Ltd. 05/02/2021 Alumni Colloquium The speakers were Mr. Febin Devassy, Deputy Manager, Godrej and Boyce, Ms. Kiran M, Manager, Federal Bank, Ms. Divya Shukla, HR Operations, Reliance Jio, Ms. Sreelakshmi, HR Executive, TCS 03/02/2021 Budget Analysis Budget Analysis by the students moderated by the faculty 11/11/2020 Club Inauguration Fitness club orientation by Ms. Sreelakshmi TN 18/11/2020 Club Inauguration Reading, writing and Theatre Club orientation by Mr. Peirce Nigli 19/11/2020 Club Inauguration Photography club orientation by Mr. Jayanth Sharma 20/11/2020 Club Inauguration Travel, Trekking and Adventure club orientation by Mr. Rakesh Raj R 03/11/2020 Entrepreneurial Webinar Talk by Ms. Omana Muraleedharan, Proprietor Amrutha Metal Finish 07/10/2020 Inaugural Day Inauguration by Shri Venugopal C Govind, Senior Managing Partner, Varma & Varma 02/10/2020 Gandhi Jayanthi Swach Bharat Abhiyan organised by MBA students at the KSRTC stand, Angamaly 29/09/2020 Expert Series Webinar Talk by Mr. Mathew Joseph, Founder, Fresh to home 29/09/2020 Placement Training Workshop on Presentation Skills by Shobin Thomas 22/09/2020 Expert Series Webinar Food processing and marching ahead by TR Ananthanarayanan 17/09/2020 Entrepreneurial Webinar Mr. Umesh Desai, Ideas to Business, Owner, Tadpole Apparels Pvt Ltd 15/09/2020 Expert Series Webinar Mr. Ashley Rebeiro, Media and Design 08/09/2020 Expert Series Webinar Mr. Aseem Abdulla on Retailing and Online Retailing 25/08/2020 Expert Series Webinar Ms. Vinita Gattani, Achieving Excellence 18/08/2020 Expert Series Webinar Mr. Sanil C Namboodiripad, Competencies for a successful managerial career 21-25/07/2020 Value added course 5 day workshop on Power BI, Sameer Rohadia, Hanover, Germany 14/07/2020 Expert Talk Webinar on introduction to Big Data, Dr. Sameer Rohadia 06/06/2020 Expert Talk Webinar on HR Analytics by Dr. Manoj AS, SKO, ICT Academy of Kerala 29/05/2020 Expert Talk Webinar on Public Relations as a Management Tool by Mr. Frederick Michael, Sr PRO, South Central Railway 19/02/2020 SHASTRA-2020 Department has organized National Science day-SHASTRA 2020 in association with Adi Shankara IEDC Boot camp. In connection with the theme of Science day, A project competition was conducted exclusive for Women. 07/02/2020 Annual Sports Day The Department of Management Studies organised a Sports day 24/01/2020 Alumni Colloquium Alumni colloquium is always a great opportunity for our Alumni to come back and reminisce about their time at Adi Shankara B-School. Panel discussion members are Mr. Ajoy S, Manager, Federal Bank, Palakkad, Mr. Ranjith Krishnan, senior Manager, Federal Bank, Aluva, Mr. Sujith Unni M S, Regional Head, NASSCOM and Mr. Sreejith M Nair, Senior Manager, Samsonite South Asia 30/01/2020 Expert Talk Mr. M S Sreekumar, President, B2N Management Consulting Pvt. Ltd. 23/01/2020 Inspirational Talk Setting Goals for future, Mr. Madhav Mohan, Corporate Trainer 24/05/2019 Expert talk Talk on Investor Awareness by Mr. Manoj Neelakandan, Corporate trainer. 19-21/12/2019 International Seminar 10th International Congress of Environmental Research ICER 19 16/12/2019 Expert talk Expert talk on Social Research and Population Dr. U. V. Somyarajulu, President, Indian Association for the Study of Population and CEO Sigma Research and Consultancy, New Delhi. 14/12/2019 CSR ASIET supporting Rotary Olympics for Specially abled Children 'ROSES 2019'. 24/10/2019 Advanced Excel Training Advanced Excel training by Mr. Jomon Joseph, Certified Microsoft Excel trainer 04/10/2019 CSR Keeping in mind the Swachh Bharat Abhiyaan, Adi Shankara B School in association with Bank of Baroda, student volunteers gathered at the KSRTC Bus Stand, Angamaly, took the pledge of cleanliness and displayed a lot of enthusiasm in cleaning up the bus stand. 05/09/2019 Cultural Nite Malhar 2019 20/05/2019 - 21/05/2019 Motivational Training Motivational training by Mr. Harikrishnan for T3 MBA students. This 2 Days highly interactive training program on Motivational, Personality Development & Emotional Intelligence helped the participants to understand about human mind and how to control the emotions for maximum results. 15/05/2019 Expert talk Expert talk by Mr. Vinod Nair, Zonal Head, Bosch and Siemens Home Appliances Pvt. Ltd. The event was graced with the presence of our alumnus Mr. Kannan Ramachandran. 10/5/2019 Expert talk Smt. Sareena P U, DGM, SEBI, presenting an awesome session on "Career Growth and Work Life at Securities and Exchange Board of India". 09/05/2019 Business quiz competition Business quiz competition under the banner of ARTHA 2019. Six teams were participated in the competition which consist of different rounds related to Business Logos, Punch

lines, Identification of CEOs and Brands etc. Students enriched themselves by this intellectual activity. 09/05/2019 Debate on "Interest rate - who's interest?" representatives from MBA students voiced their perspectives. Here are a few glimpses from the event. 13/02/2019 Annual Intercollegiate management fest MAYUKHA'19 - The Annual Intercollegiate management fest for under graduate students 28/01/2019 Expert talk Mr. Abhilash Gopal, Certified Financial Planner, Financial Planning Standards Board India 04/01/2019 Expert Talk by Sri Muralee Thummarukudy, Chief Disaster Risk Reduction, UN Environment Programme 12/12/2018 E-conclave Mr. Prashanth Pillai, Co-Founder Toffee Ride 12/12/2018 E-conclave Mr. Kochouseph Chittilappilly, Founder and MD, V Guard Industries 12/12/2018 E-conclave Mr. Biju Joseph, CEO, Navya Bakers 12/12/2018 E-conclave Ms. Linda Rakesh, CEO, RCM Wellness 12/12/2018 E-conclave Dr. Fathima Nilufer Sheriff, CEO, Hair Fair Skin Clinic 12/12/2018 E-conclave Ms. Roopa George, Director, Asian Kitchens 12/12/2018 E-conclave Mr. Tom Victor, CTO, Technorip Innovation Pvt. Ltd. 12/12/2018 E-conclave Mr. Arun P M, CEO, Technorip Innovation Pvt. Ltd. 30/11/2018 Expert Talk Mr. M S Sreekumar, President, B2N Management Consulting Pvt. Ltd. 09/10/2018 Alumni Colloquium Mr. Sreejith R Nair, Samsonite South Asia Pvt. Ltd. 08/11/2018 Expert Talk Mr. Rajesh Ramaswamy, Associate Director, E&Y 05/09/2018 Expert Talk Mr. Sujith Unni, Regional Manager, NASSCOM 18/07/2018 Expert Talk Ms. Jyoti Aswani MD, Ashwani Lachmandas Group 18/07/2018 Expert Talk Mr. Ajith Ravi, MD, Pegasis

Sponsoring Organizations

Month & Year Achieved by (Name) Brief Description about the Achievement February 2024 Akshay Vijayan First prize for Pencil Drawing in Yuva February 2024 Mr. Kamal Krishna First prize in short film making at Brahma February 2024 Ms. Pooja Binu First prize in Light Music in Brahma December 2022 Ms. Heenu TJ First prize in Collage Making at Resilenz 2022, conducted by Department of Management Studies, Sree Narayana Gurukulam College of Engineering, Kadayirippu, Ernakulam May 2022 Ms. Meenakshi Suresh Won Bharatanatyam and Kuchipudi at Brahma May 2022 Mr. Sreehari KM Kalapratibha at College Arts Fest Advaiya 2022 conducted by Adi Shankara Institute of Engineering & Technology, Kalady by winning Percussion instruments (Eastern), Old is Gold, Light Music (Male) and Street Drama May 2022 Mr. Sreehari KM Won Percussion instruments (Eastern) at Brahma 2022 12/12/2019 Gee Varghese, Nikhil Nair, Dilna VV, Suprabha B T5 MBA 2018 students team bagged second prize in Best Marketing Competition in management Fest conducted by Ilahia College 18/08/2019 Vishnu V Vidyadharan Best intern award from Sreeram Finance 28/02/2019 Uthara PM and Sneha K S T6 MBA 2017 students presented papers on 28th Feb 2019 at Kerala Productivity Council, Kalamassery and got best paper award.

Month & Year Achieved by (Name) Brief Description about the Achievement July 2024 Mr. Nimal CN Published a book entitled "Brand Consultancy Handbook for Small Business" May 2024 Mr. Nimal CN Published a co-authored article titled Learnings from Adi Shankara's Life: A Management Perspective in the International Journal of Scientific Research in Engineering and Management Vol 8, Issue 5 March 2024 Mr. Nimal CN Published a co-authored paper titled Storytelling as a Method of Teaching Management Ethics: An Ancient Indian Perspective, in the Mukta Shabd Journal, Vol 13, Issue 3 8-10 February, 2024 Mr. Nimal CN Co-coordinator of a three day face to face FDP titled Inculcating Universal Human Values in Technical Education organized by the AICTE at ASIET December 2023 Ms S Priya Presented a paper titled 'Risks in the petroleum Industry-A TISM Approach' at the ISDI conference in IIM Ranchi 2023 15/12/2023 Ms S. Priya Attended a one day workshop on the topic 'Introduction to Quantitative Analysis using Smart PLS' 07/12/2023 Dr. Anitha Thomas Was invited by GTU as external examiner for PhD Open Defence for Scholar Amrita Rajkumar Harjani 08/12/2023 Dr. Anitha Thomas Was invited by GTU as external examiner for PhD Open Defence for Scholar Miss Trivedi Krupa Udaykumar November 2023 Ms. S Priya Published a paper titled Risk Mitigation Using Interpretive Structural Modeling in Fertilizer Supply Chain in IUP Journal of Operations Management (Indexed in Cabell's Directory) November 2023 Dr. Anitha Thomas Mr. Nimal CN Published a paper titled 'Mapping the challenges and aspirations of MSMEs in Kerala for building Growth Strategies' in Journal of Rural and Industrial Development. (2023), ISSN Number: 2321-1873.

October 2023 Mr. Nimal CN, Dr. Anitha Thomas Published a paper titled 'Construct of education architecture with reference to ancient India' in Bulletin for Technology and history (2023), ISSN No 03916715

October 2023 Mr. Nimal CN Published a co authored book chapter on Artificial Intelligence Applications in Strategic Human Resource Management in the book Transforming Business Decision Making with Artificial Intelligence

September 2023 Mr Nimal CN, Ms Manju M Mathew Presented a paper titled ChatGPT, Bloom's Taxonomy and Future of Management Education In International Conference, Future of Work, Recent Innovations in Management, Science, Engineering & Technology at Jai Bharat Group of Educations, Arackkappady

September 2023 Mr. Nimal CN Edited the Conference Proceedings of International Conference, Future of Work, Recent Innovations in Management, Science, Engineering & Technology conducted at Jai Bharat Institute, Kochi ISBN: 978- 93-5891-659-1. 11 – 15

September 2023 Mr. Nimal CN Attended the five day FDP on Universal Human Values (UHV) organized by AICTE

August 2023 Mr Nimal CN, Ms Manju M Mathew Published a paper titled Building a Brand: A Social Interaction Perspective in International Journal For Multidisciplinary Research (IJFMR) (2023), E-ISSN: 2582-2160.

July 2023 Dr. Anitha Thomas Attended an FDP on AI Tools for Educators, in line with OBE organized by Kerala State Education Higher Council

June 2023 Mr. Vignesh Karthik Received his doctorate degree for his thesis titled: "Factors influencing customer loyalty in Online Customer to Customer Platform" from Cochin University of Science and Technology

January 2023 Dr Neenet Baby Manjaly , Mr Vignesh Karthik Ms Silpa Raju Published a paper titled Unveiling the relationship between Employee Engagement and Moonlighting in the IT and ITES Sector: A Comprehensive Study in the World Journal of Management and Economics. 06/01/2023

Mr. Vignesh Karthik Received a patent in Design Engineering, titled "A Solar Based Smart Air Car Purifier", Patent no:355142001

December 2022 Ms. Neenet Baby Manjaly Received her doctorate degree for her thesis titled: A study on the Role of Positive Psychological Capital on the Effect of Intrinsic Motivation and Positive Supportive Climate on the In-Role Job Performance of Differently- Abled Employees from Cochin University of Science and Technology

December 2022 Dr. Hari Sundar G Received the APJ Abdul Kalam puraskar for Outstanding Biographer for the biography on Padmasri Parassala Ponnammal titled Hemavathy (English and Malayalam) instituted by Institute for Social Reforms and Higher Education Charitable Trust

December 2022 Dr. Hari Sundar G Received the India Education Awards 2022 Certificate of Recognition for being one among the Top 100 Authors of India, instituted by Education Connect and Hypedge.

December 2022 Ms. S Priya Presented a paper titled the mediating at the AIMS 20 conference hosted by IIM Calicut

November 2022 Mr. Vignesh Karthik Published a paper titled The Emerging Role of Business Management for sustainable Development in Developing Economies in World Journal of Management and Economics, ISSN 1819-8643, Volume 15

November 2022 Dr. Neenet Baby Manjaly Mr. Vignesh Karthik Published a paper titled Impact of Millennial's work life balance on their Work Motivation. Central European Management Journal, Vol 30 Iss.3 (ISSN: 2336-2693/ E- ISSN:2336- 4890) SCOPUS 03/09/2022

Dr. Hari Sundar G Presented a research paper titled "Strategic study on the economic impact of Covid -19 pandemic on small businesses- a study with reference to women entrepreneurs of Kerala" at the international conference on Present and Future Innovative Education practices in the Post pandemic world organized by the Global Multidisciplinary Research and Academic Foundation Chennai held at Chennai

September 2022 Dr. Hari Sundar G A research paper titled "Strategic study on the economic impact of Covid -19 pandemic on small businesses- a study with reference to women entrepreneurs of Kerala" published in the edited book titled " Present and Future Innovative Education practices in the Post pandemic world in the field of Engineering, Management and Social Sciences-Changes, Challenges and Opportunities" with ISBN 978- 93-91772- 01-7.

July 2022 Dr. Lekha H Attended a three -day FDP on Research Methodology and Data Analysis using SPSS (Phase II) organised by DIST, Angamaly

July 2022 Dr. Neenet Baby Manjaly Published a paper Entrepreneurial Intention of Indian Women University Students: The Role of Entrepreneurial Self-Assessment and Entrepreneurial Passion. Journal of Women Entrepreneurship and Education. pp 273-290. SCOPUS June 2022

Dr. Nimmi PM Published a paper titled "Enhancing employee wellbeing – An employability perspective" in Benchmarking: An International Journal (ABDC, ABS, Scopus Indexed)

June 2022 Dr. Nimmi PM Published a paper titled "Enhancing employee wellbeing – An employability perspective" in Benchmarking: An International

Journal (ABDC, ABS, Scopus Indexed) 27-29 June 2022 Dr. Lekha H Attended a three-day FDP on Research Methodology and Data Analysis using SPSS (Phase I) organised by DIST, Angamaly 22 & 23 June 2022 Mr. Renjith KR Attended a two-day FDP on "Joy of Teaching" organised by Lead College of Management, Palakkad May 2022 Ms. Neenet Baby Manjaly Was the judge for the HR event, Talentime 37, organized by SMS, CUSAT 16/05/2022 Mr.Nimal CN Was a speaker at the webinar organised by Bharathiya Vichar Kendra, Ernakulam on the topic "Quantum Physics, Rishis and Brahman" 28/05/2022 Mr.Nimal CN Was one of the speakers at the Final Webinar of Naresh Kumar Memorial Talent Hunt competition organised by Public Relations Council of India Kerala Chapter on the topic "Will the New Gen Tech Tools Enhance the credibility of PR" May 2022 Dr. Nimmi PM Published a paper titled "Additional Skills Acquisition Programme (ASAP) project: the case of an employability enhancement initiative in India" in Journal of International Education in Business (ABDC, ABS, Scopus Indexed) 19/05/2022 Ms. Manju M Mathew Was a resource person for the EDP training programme "Characteristics of an Entrepreneur" organised by Multidisciplinary Centre, Khadi and Village Industries Commission, Ministry of MSME, Government of India April 2022 Dr.Madhu CS Published a paper titled "How to reduce financial risks in exports?" in International Journal of All Research Education and Scientific Methods, ISSN: 2455-6211, Volume 10, Issue 4 29/04/2022 Dr. Anitha Thomas Resource person for the Virtual Workshop on Training Need Analysis organised by GRIMS, Vapi March-April 2022 Dr. Madhu CS Published a paper titled "An analysis of foreign direct investment theories" in International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences, Volume 10, Issue 2 March 2022 Dr. Madhu CS Published a paper titled "Relevance of shipping terms" in A Journal of emerging Technology and Innovative Research January 2022 Mr. Vignesh Karthik Published a paper titled "Portraying Women in Advertisements: An analogy between past and present" in American Journal of Economics and Sociology Volume 81, Issue 1, pp.1-237. (Scopus and Web of Science Indexed) January 2022 Mr.Nimal CN Co authored a paper Sri Lanka Economics Crisis-The Symptoms ,Causes and Possible Cures, International Journal of Business Ethics in Developing Economies, 11(2), pp 12-19 December 2021 Dr Madhu C S, Dr Lekha H, Mr Vignesh Karthik and Ms Anjana Rajagopal Published a paper titled "A study on relationship between Self-efficacy and Academic efficacy in PG students with reference to Kerala" in Natural Volatiles and Essential Oils (Scopus Indexed), Vol 8: Issue 3, e-ISSN: 2148- 9637 December 2021 Mr Vignesh Karthik Presented a paper titled "Online Customer to Customer (C2C) and quality impact on customers" at the International Conference on Breakthrough to Excellence organized by School of Management and IQAC, DePaul Institute of Science and Technology December 2021 Ms. S. Priya Presented a paper titled "A Sequential Mediation Approach to Factors affecting Satisfaction of Internet Mediated Place Independent Online Learning" at the International

Conference on Breakthrough to Excellence organized by School of Management and IQAC, DePaul Institute of Science and Technology December 2021 Dr Lekha H, Dr Madhu C S, Mr Vignesh Karthik and Ms Anjana Rajagopal Published a paper titled "A Study on antecedent factors driving customer retention in B2C market place through online platform interactions" in Turkish Online Journal of Qualitative Inquiry (Scopus indexed), Volume 12, Issue 7 December 2021 Ms. S. Priya Participated & completed successfully the 5-day AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Structural Equation Modeling and Artificial Neural Network in Management Research" at Jamia Hamdard November 2021 Dr. Lekha H Published a paper titled "Employees Perception and Experiences on Working from Home Culture during COVID 19 Lockdown" in Design Engineering (Scopus indexed), Vol 2021: Issue 08 January 2021 Dr.Pradeep Kumar C, Nimal CN, Renjith KR Published paper Study on factors influencing effectiveness of learning during Covid 19, Turkish Journal of Computer and Mathematics Education, Vol. 12, No.12, pp. 1951-1959 January 2021 Mr. Nimal CN Published a paper Predicting the Timeline for Earth Achieving Kardashev Scale Type 1 Status, Journal of Science & Technology, Vol6, Issue1, pp 148-152 September 2020 Nimal CN Published paper Ancient Rishis, Modern Science & Brahman, Sadvidya: Journal of Research in Sanskrit, pp 18-27. October 2019 Dr.Pradeep Kumar C, Nimal CN, Renjith KR Published paper A Study on Factors Influencing Employees on Adoption of Digital Transformation Initiation by Employers, International Journal of Business Analytics and Intelligence, Vol 7, Issue 2, pp 11-18.

Department Newsletter

AVEKSHA 2024

June

AVEKSHA 2023

December

July

January

AVEKSHA 2022

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Industry Visit

Pollachi Rural Market Visit

Sringeri Youth Retreat

Expert Talk Renjith Ramachandran

Professional Students Summit

TieCon: Student Volunteerrrs

Metaverse Student Volunteers

E Conclave: Kautilya 23

ISTD Chapter Inauguration

Freshers Day

Entrepreneurship Club: EY Leep

Alumni Talk: Muhammed Sahal

Motivational Talk - Vivek Namboodiripad

Expert Talk George Kunnath

85 + % Placements

Life at Adi Shankara Business School

Placement Drive

Cultural Nite- Malhaar

Alumni Colloquium

Annual Sports Day

Swachh Bharat

Expert Talk

Social Connect - ASBS and Rotary Special Olympics

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

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Business School Admissions

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Placement

A Real Technocrat is a personality who can identify the exact relationship between Science, Technology, Engineering and Mathematics to solve any challenging problem of Industry or Corporate. We mould our students by enabling them to learn professionally the Basics of Engineering and Science, adopt an approach different from others in solving problems, innovate, and develop a unique identity of Technocrat. Training and Placement Cell of ASIET exposes each and every student to the above culture as well as raises them to global standards.

Vision

Symbiotic sustained excellence in training, placement, and career orientation.

Mission

To assist the development of graduates with balance to set of technical skills, interpersonal skills and a positive attitude towards life.

To act as a nodal agency in the institution for giving technology alliance between the industry and the institute.

To act as a seamless conduit between industry and institute and provide quality, manpower to suit every organizational need.

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin:

683574

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The Basic Science and Humanities Department serves as the cornerstone of all engineering disciplines, providing budding engineers with a profound understanding of scientific principles crucial for shaping the future of technology. Grounded in the belief that a comprehensive education must integrate technical proficiency with ethical values, our department offers a diverse curriculum aimed at fostering innovation, critical thinking, and societal responsibility.

Our esteemed faculty, comprising over 20 dedicated experts in Mathematics, Physics, Chemistry, Economics, and English, exemplifies a steadfast commitment to excellence in teaching and research. Equipped with specialized classrooms and cutting-edge laboratory resources, the department is fully equipped to facilitate academic pursuits and research undertakings. Our faculty members possess outstanding academic qualifications and demonstrate unwavering dedication to their roles. Many faculty members actively engage in collaborative research initiatives, further enhancing the department's scholarly contributions.

The Science Club and the Mathematics Club thrives under the leadership of dedicated faculty members of the BSH department. The Science Club guided by Dr. Anand and Ms. Resmi focuses on fostering interest and engagement in scientific inquiry. The Mathematics Club, aimed at enhancing mathematical skills and promoting problem-solving activities, is managed by Mrs. Savithri and Mrs. Sajitha.

Both clubs provide valuable opportunities for students to deepen their knowledge and participate in enriching extracurricular activities.

The department also emphasizes the development of students' proficiency in the

English language, fostering their ability to think critically and communicate effectively. Additionally, it promotes student participation in various extracurricular activities such as art, cultural events, debates, and group discussions, encouraging the display of individual talents.

Vision

To be a centre of excellence in the discipline of Basic Science and Humanities.

Mission

To develop human resources with sound theoretical and practical knowledge in Basic Sciences and Humanities and the ability to apply the knowledge to benefit of the society.

Department Advisory Board

The Department of Basic Science & Humanities offers

B.TECH FIRST YEAR

B.TECH SECOND YEAR

B.TECH THIRD YEAR

National and International Student Chapters

Course Outcomes

Course Outcome

Dr. Jayasree T G

Associate Professor & HOD

Dr. Ganga Devi T R

Associate Professor

Dr. Jini Varghese P

Associate Professor

Pravitha K Nair

Senior Grade Assistant Professor (Pursuing Ph.D)

Dhanya R

AssIstant Professor

Dr. Jayanthi K R

Assistant Professor

Savithry K S

Selection Grade Assistant Professor

Sajitha Saseendran

Assistant Professor

Dr. Anand Krishnamoorthy

Associate Professor

Suja C K

Senior Grade Assistant Professor (Pursuing Ph.D)

Leena C L

Selection Grade Assistant Professor

Misha K N

Assistant Professor

Resmi V R

Selection Grade Assistant Professor (Pursuing Ph.D)

Sruthi N L

Assistant Professor

Nisha K N

Assistant Professor

Krishnapriya

Assistant Professor

Renjini T N

Assistant Professor

Sudesh Prabhakaran

Assistant professor

Gouripriya Ramachandran

Assistant Professor

Amal Pavithran

Asst.Professor (Pursuing PhD)

Manju V G

Lab Assistant

Pavithra M P

Lab Assistant

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

Chemistry Lab

Physics Lab

Details of Paper Publications

Journal Papers-Mathematics

Jayasree T G, Radha Rajamani Iyer, '2-Fair Dominating Sets in Some Class of Graphs', International Journal of Advanced Trends in Computer Science and Engineering, Vol. 8, No. 6, Nov - Dec 2019, pp. 2900 - 2903.

Jayasree T G, Radha Rajamani Iyer, '1-fd sets in some class of graphs', International Journal of Advanced Trends in Computer Science and Engineering, Vol. 8, No. 3, 2019, pp. 610 - 614.

Jayasree T G, Radha Rajamani Iyer, 'New Parameters on Inverse Domination', International Journal of Mechanical Engineering and Technology, Vol.10, Issue.3, April 2019, pp. 1111- 1116.

Jayasree T G, Radha Rajamani Iyer, 'Results on the Inverse Domination Number of Some Class of Graphs', International Journal of Mechanical Engineering and Technology, Vol.9, Issue.1, 2018, pp. 995-1005.

Sabu M C, Pravitha K Nair and Jeet K Mattum "Higher Dimensional Relativistic Fluid Spheres -TAJOPAAM, VOLUME XVI, NUMBER 1, JUNE 2022, ISSN:2454-8521

Aiswarya S Sasidharan, Dr Sabu M C and Pravitha K Nair "A General Solution To Higher Dimensional Relativistic Fluid Sphere Model - JBS, VOLUME 23, ISSUE 7, July 2023, 548-554, ISSN:1006-8341

Journal Papers-Economics

Ganga Devi T R, Dr. K Rajan, "Health status of Kerala & Role of digital Health care Services"- Biannual Journal, ISSN: 2320-6985, ICSSR Sponsored National Conference on Digital Economy (23rd & 24th January 2018) at MES College Marampilly

Ganga Devi T R, Dr. K Rajan, " The growth of Health sector in Kerala"- ICCMCT, international conference paper, ISBN on 18th August 2018 at Maharajas College, Ernakulam

Leena C L: "Mechanization of Agriculture", International Journal of Scientific Research and Review (IJSRR) journal. Volume 8, issue 3, March 2019, ISSN NO: 2279 - 543X/ Web:www.dynamic publisher.org.

Leena CL: "Paddy Cultivation in Kerala" Shanlax International Journal of Arts, Science and Humanities:Volume 5/ Issue 4, page no:405 - 412.

Conference Papers

Jayasree T G, Radha Rajamani Iyer, 'Inverse of k-fair Dominating Sets', International Conference on Mathematical Computer Engineering-2018 Vellore Institute of Technology, Chennai, Nov 22-24 (Abstract Only).

A Stochastic Inventory System with Two Service Rates, Proceedings of the UGC sponsored National Seminar on Mathematical Modelling with Special Emphasis on Graph Theory and Stochastic Modeling, Union Christian College, Aluva, Kerala, 14-15 January 2016.

Stochastic Modeling of a Queuing-Inventory System with different Service Rates, International Conference on Mathematical Modelling, Don Bosco Institute Technology, Bangalore, 23-24 December 2016.

A Queuing- Inventory System with MAP, Retrials and Different Replenishment Rates, International Conference on Advances in Applicable Mathematics, Bharathiar University, Coimbatore, 07-08 December 2017.

Performance Measures of an Inventory System with MAP, Retrials and Different Service Rates, International Seminar on Stochastic Modelling and Applications, CMS College, Kottayam, 10-11 January 2018

.

Comparative Study of Two Queuing Inventory Models with Buffer, Retrials and Different Service Rates, International Conference on Advances in Applicable Mathematics, Bharathiar University, Coimbatore, 21- 22 February 2020

Resmi V R, Jaya M Soney and Dhannia T, Effect Of Temperatures On The Structural And Optical Properties Of Zinc Oxide Nanoparticles For UV Filter Applications; ICSTII 2022 (INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGY AND INNOVATION FOR INDUSTRY)

Activities of the department are primarily focussed on imparting theoretical knowledge along with its application in the practical world. Department Clubs and its activities are one way of generating student's interest in scientific, creative and Mathematical skills. Organizing activities and Celebrating important days such as National Science day, National Mathematics day provides a platform to the budding Engineers to show case their creative and technical talents in the field of Engineering. Department is always concerned to produce high quality Engineers with requisite in-depth knowledge in sciences that helps to develop newer technologies of future.

Department Activities- Maths Club

Month & year Activity Name Brief Description 14/03/2024 Pi- day celebrations An array of activities was organized for the students of mathematics club to celebrate Pi day on 14th march 2024. A short introduction on Pi revealing its origin and related facts was given. It was followed by solving puzzle games 18/12/2023 -22/12/2023 Mathematics week As a part of mathematics day, the mathematics club of BSH department celebrated the week from 18th to 22nd December 2023 as mathematics week. AICTE web telecast, GeoGebra workshop, Exhibition, Quiz competition and "The Man Who Knew Infinity" movie screening, held during Mathematics Week 22/11/2023 Chakravyuha 2.0 Chakravyuha 2.0, a quiz competition, was conducted by Sanjay Gireesan of S8 CSE. 22/11/2023 Mathematics club inauguration The mathematics club inauguration for the academic year 2023-24 was held on 22nd November 2023, and it was inaugurated by Dr.Sreepriya S,Principal of ASIET 05/01/2022 National Mathematics Day Department has celebrated National Mathematics Day 2021 on 5th January 2022. A quiz competition and treasure hunt event were conducted exclusively for ASIET first year students. 9/02/2020 SHASTRA-2020 Department has organized National Science day-SHASTRA 2020 in association with Adi Shankara IEDC Boot camp. In connection with the theme of Science day, A project competition was conducted exclusive for Women 15/05/2019 National Technology Day Department has organized National Technology day,co-sponsored by KSCSTE on May 15th 2019,An Elocution Competition being conducted the topic "Scale ups for Tech Startups-Strategies of belining" for first year students of ASIET 25/02/2019 National Science Day Department has organized a Science Expo in connection with National Science day (NSD-2019) on February 25th,2019 There were about 15 projects exhibited by the students of First year in the area of Physics and Chemistry 6/02/2019 National Mathematics Day Department has conducted National Mathematics day(NMD-2018) on February 6th,2018 A Talk on " Application of Mathematics in Engineering" By Prof. V. P. N. Nampoori Emeritus Professor, International School of Photonics, Cochin University of Science And Technology, and an Inter college Mathematics Quiz for students were arranged

Department Activities- Science Club

Club Inauguration

The Science Club in ASIET was officially inaugurated on 07th February 2024

(Wednesday) by the distinguished Chief Guest Prof. Dr. Anantharaman (Professor, Retired), CUSAT, Kochi followed by Science Club Logo Launching

Faculty Professional Enrichment Programme

SESSION 1

Topic: AI Tools For Effective Teaching

Resource person: : P V Rajaraman , Associate Professor & Head of AI Department ASIET

AI tools are increasingly transforming the landscape of education, offering innovative solutions to enhance teaching and learning experiences.

Prof. P V Rajaraman gave a brief introduction to AI, ML & DS. He Explained AI tools for teaching and why they are relevant in modern education. Discussed various AI technologies used in education, such as intelligent tutoring systems, adaptive learning platforms, and automated grading systems

SESSION 2

Topic: Stress Management

Resource person: Athulya N V , Student Counsellor ASIET

In our fast-paced lives, stress has become almost unavoidable. Ms Athulya N V explained well what is stress, what are the Causes of stress. She discussed strategies for stress management like Physical Activity, Mindfulness and Meditation , Time Management, Healthy Lifestyle, Social Support and gave practice on some Relaxation Techniques.

SESSION 3 & 4

Topic : Latex an Over View & Hands -on training

Resource person: Dr . Silpa P A Asst . Professor EBE Dept ASIET , KALADY

The session featured , Dr . Silpa P A Asst . Professor EBE Dept as the resource person. She shared invaluable insights into Latex. The program was conducted through a series of interactive lectures and hands-on workshops. Session began with a theoretical overview of the topic followed by practical exercises to reinforce learning. Faculties were provided with LaTeX templates and examples to work on during the workshops. She Explained Basic LaTeX Syntax, Document Preparation, Mathematics and Equations, Figures and Tables , Bibliographies and Citation

SESSION 5

Topic : Basic Human Aspirations & Role of education

Resource person: Ms Suja C K , Asst . Professor(Sr) , Basic Science & Humanities Department ASIET

This session summarizes the transformative power of education in fulfilling Basic human aspirations and shaping a bright future for individuals and societies worldwide. Ms. Suja C K discussed fundamental desires shared by all humans such as happiness, fulfilment, success and belonging. Highlighted the role of education in shaping individuals to achieve their aspirations by providing knowledge , skill and values

SESSION 6

Topic: Visionary Voyage : Commander's Class

Resource person : Mr .Sudesh Prabhakaran Asst . Professor, Basic Science & Humanities Department, ASIET Kalady

This session mainly focused on leadership, strategy & vision. He addressed the ethical considerations and values that guide commanders and leaders, stressing the importance of integrity, accountability, and responsibility. Empowered the faculty with knowledge, insights, and inspiration that will enhance their leadership capabilities and enable them to navigate and lead effectively in an increasingly complex and dynamic world.

Year Name of faculty Achievements Dr.Rejitha.K.R Awarded Ph D in Mathematics from M.G.University,Kottayam.Resource person for Uddyotana 2K19 version 2 2019 Prof.Dhanya.R Resource person for Uddyotana 2K19 version 2,NPTEL Elite Certification ON "Calculus of Several Variables ,Received ASIET Best teacher award based on 2019 KTU Results Prof.Suja.C.K Coordinator for KSCSTE funded program -National Technology Day Celebration-2019,NPTEL Certification on "Descriptive Statistics using R" Prof.Leena.C.L Received ASIET Best teacher award based on KTU Results Prof.Pravitha K Nair Mentor and Judge of Power Point Presentation in connection with Albertian Knowledge Summit -2020 Prof.Sruthi N.L Received ASIET Best teacher award based on KTU Results in 2019 Prof.Linu Maria Mathew Received ASIET Best teacher award based on KTU Results in 2019,Best Faculty Mentor Award 2019 - APJ Innovation Challenge

Department Newsletter

Gallery

Faculty Professional Enrichment Programme

Faculty Professional Enrichment Programme

Mathematics week celebrations

Mathematics week celebrations

Mathematics week celebrations

Mathematics week celebrations

pi day celebrations

pi day celebrations

Maths Club Inauguration

Science Club Inauguration

Inter collegiate Mathematics Quiz Competition

Talk on Applications of Mathematics in Engineering by Prof.V.P.N. Nampoory, Emeritus Professor, Department of Photonics, CUSAT

Inauguration of National Mathematics day

Inauguration of National Technology Day-2019

Inauguration of SHASTRA-2020-National Science day Celebrations

Project competition winners of ASIET @ SHASTRA-2020

Micro project Winners @SHASTRA-2020

Participants with Faculty Members @ SHASTRA-2020

Process

Methodology

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

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College Code:

Admission

Administration Department

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Department

Administration Department

People

Administrative Department of Adi Shankara Institute of Engineering & Technology.

Vision

To emerge as a Center of Excellence in Engineering, Technology and Management by imparting quality education, focussing on empowerment and innovation.

Mission

Impart quality professional education for total upliftment of the society.

Create congenial academic ambience that kindles innovative thinking and research.

Mould competent professionals who are socially committed and responsible citizens.

Department Advisory Board

National and International Student Chapters

Program Specific Outcomes (PSO)

Programme Outcome (PO)

Dr. M S Murali

Principal

Santhy Narayanan

Head Accountant

Shreeja Sadanandan

Senior Accountant

Mini Ramesh

Senior Office Assistant

Jayashree N Menon

Senior Office Assistant

Jayachandra Bose
Senior Office Assistant
Ganapathy Raman H
Accountant
Shine K S
Accountant
Lekha K L
Accountant
Sunil Menon
Office Executive
Sudha Raju
Office Assistant
Saritha Venugopal
Office Assistant
Mini A B
Office Assistant
Lakshmi S R
Office Assistant
Ramaswamy S
Office Assistant
Radhika Babu
Office Assistant
Neethu Gopalakrishnan
Junior Accountant
Athulya N V
Student Counsellor
Murali K C
Librarian
Seena R
Library Assistant
Siji M S
Library Assistant

Jismon Jose

Public Relations Officer

Faculty Details

2022-2023 2021-2022 2020-2021

Facilities

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Library

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Library ASIET

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ASIET LIBRARY

The ASIET Central Library is an integral part of the institution, situated in the main academic block across two floors. It covers an area of 942 meter square and offers a peaceful environment for users to access information. The library has a seating capacity of 120 people, providing ample space for students, faculty, and staff to study and conduct research. The serene setting promotes a conducive atmosphere for learning and knowledge acquisition. To enhance efficiency and accessibility, the library is automated with KOHA, an open-source integrated library system. This automation streamline processes such as cataloging, circulation, and inventory management, making it easier for library staff to manage the collection and assist users effectively. The library follows an Open Access System, which means that the resources are readily available to users without any restrictions or barriers. Users can explore the collection and access the information they need without any additional authorization requirements. To check the availability and status of a book, users can utilize the Online Public Access Catalogue (OPAC). This online catalogue allows users to search for specific books, view their availability, and obtain information about their location within the library. It serves as a valuable tool for users to navigate the library's collection efficiently.

Facilities

The library provides a range of facilities to enhance the learning and research experience for users. Some of the facilities offered include:

8 AM to 8 PM opening hours

Software enabled library transaction

E-Gate register

Open access

Digital library

Internet Browsing

E-Resources

Seminars/Webinars for E-Resource Usage:

Plagiarism Checking

OPAC

Reprographic service

User awareness programmes

Display of new arrivals

Feedback/Suggestion box

Washroom facility

Library Rules

Identity card is compulsory for entering the library: Every individual entering the library must possess a valid identity card issued by the institution. This is necessary for identification and security purposes.

No external manuscripts should be brought into the library/reading room. Keep all belongings in the racks provided for the purpose

Using Mobile phones and audio instruments with or without speakers or headphones is strictly prohibited on the library premises.

Tampering with/damaging the book will result in a fine: Any form of tampering with or damaging library books, including underlining, highlighting, tearing pages, or writing in them, is strictly prohibited. Violators will be subjected to a fine amounting to double the cost of the book as a penalty.

Issued books and external books shall not be brought into the library /reading room

Students can take books from the rack for reference with the concern of the library staff after making an entry in the register, for use inside the library only.

CDs are available in the library. A separate request should be lodged with the librarian for taking CDs outside the library and to be returned in the same condition.

Journals/ Magazines are not generally issued however, overnight lending of journals/magazines is possible on written request

Teaching staff are entitled to take 10 books: Teaching staff members are allowed to borrow up to 10 books from the library. They are permitted to retain the books for a period of one month.

Students can borrow five books for two weeks and one book for one semester through a book bank scheme.

Refreshments of any kind shall not be taken anywhere on the library premises: In order to maintain cleanliness, hygiene, and to avoid damage to library materials, it is strictly prohibited to consume any form of refreshments inside

the library premises. This includes food, beverages, and snacks.

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Hostel

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Literary Club

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Quiz Club

UHV Cell

Mathematics Club

Science Club

Faculty Professional Enrichment Cell

IEI

ASME

SEEM

Entrepreneurship Club

ISME

GDSC

SAEINDIA

BMESI

AI Club

CodeX

RAS

ISA

TRS

IIPC

PTA

Physical Education

Staff Wellfare

Brahma

Tech Fest - Ashwamedha

Young Scientists Award

Cultural Fest

Sports

Boy's Hostel

College provides seperate hostel facility for first year and higher semester students. Adi Shankara Senior Boy's hostel is built in three floors and accommodates 2nd, 3rd, 4th year B.tech students and PG students. This hostel can provide accommodation facility for one hundred and ninety inmates. It has 56 rooms with 4 per room facility and four spacious dormitories. It also includes 8 faculty rooms with attached bath facility. The institute also provides separate hostel facility for first year boy's with a total accommodation capacity of 150. There is one senior faculty as Hostel warden, one resident hostel warden and a resident tutor faculty for maintaining discipline and facilitating a learning atmosphere in hostel.

Each floor has a resident warden from teaching staff

Round-the-clock WiFi connectivity

Seperate reading rooms on each floor

Common room for Television

Badminton Court

Volley Ball Court

Football Field

Table Tennis

Gym Facility

Carrom board, Chess board

Girl's Hostel

We provide separate hostel facilities for the Lady Students which can accommodate more than 300 students. The ladies hostel offers a choice of rooms, including both air-conditioned (AC) and non-air-conditioned (Non-AC) options. Facilities are available with rooms of varying capacities, including rooms that can accommodate 3, 4, or 5 individuals. There are separate reading rooms on each floor and a common area provided for watching television. For managing hostel activities, three residential wardens and two matrons are available in the hostel on all working days. Security person ensures the safety of the residents 24x7. Four sanitation workers are available on Monday to Saturday (8.00 AM to 5.00 PM)

More than 300 students' accommodation for girl students

3 Guest Faculty Room

Each floor has a resident warden from teaching staff

Round-the-clock WiFi connectivity

Separate reading rooms on each floor

Common room for Television

Badminton Court

Carrom board, Chess board

Laundry service

Mess with dining area

Boy's Hostel Gallery

Girl's Hostel Gallery

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Literary Club

Institution's Innovation Council (IIC)

Quiz Club

UHV Cell

Mathematics Club

Science Club

Faculty Professional Enrichment Cell

IEI

ASME

SEEM

Entrepreneurship Club

ISME

GDSC

SAEINDIA

BMESI

AI Club

CodeX

RAS

ISA

TRS

IIPC

PTA

Physical Education

Staff Wellfare

Brahma

Tech Fest - Ashwamedha

Young Scientists Award

Cultural Fest

Sports

The centrally located College Canteen meets the catering requirements for all the staff and students. The spacious canteen can comfortably accommodate 500 persons at a time. A variety of South Indian food and snacks are served here with highest quality. Special attention is paid to ensure food safety and hygiene. The canteen functions from 8.00 AM till 5:30 PM and offers a delectable array of dishes for breakfast and lunch. The canteen also offers a wide array of snacks and beverages at a very affordable rate. The dining hall, with a separate section for staff, can seat a sizeable amount of people and is spaced right next to the service area. The canteen is operated by a host of well-mannered and efficient staff. Self-service is encouraged.

Canteen

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Quiz Club

UHV Cell

Mathematics Club

Science Club

Faculty Professional Enrichment Cell

IEI

ASME

SEEM

Entrepreneurship Club

ISME

GDSC

SAEINDIA

BMESI

AI Club

CodeX

RAS

ISA

TRS

IIPC

PTA

Physical Education

Staff Wellfare

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Cultural Fest

Sports

The campus is equipped with a state-of-the-art network infrastructure, including a high-speed 1 Gbps 1 : 1 LL internet connection and a 10 Gbps multimode fiber LAN backbone utilizing Ring topology with an MPLS switch. ASIET operates with a robust IT infrastructure supporting academic and administrative operations. Over 1000 systems, distributed across diverse departments and laboratories, form the backbone of this infrastructure. These systems are standardized with a mix of i5 and i3 processors, complemented by 16 GB or 8 GB of RAM for efficient multitasking. High-speed operations are facilitated by 512 GB or 256 GB NVMe storage drives. Visual output is displayed on either 20-inch or 18.5-inch monitors. To ensure uninterrupted workflow, all labs and departments are equipped with sufficient UPS systems, providing reliable power backup.

Servers, Storage and Workstation

ASIET has invested in a modern IT infrastructure consisting of two Dell rack-mounted servers and a NAS storage solution. Additionally, we utilize Hyper-V for server virtualization and leverage a mix of operating systems including Ubuntu 23 Server OS and Windows 2019 Standard. This robust setup supports various services like LDAP, NFS, DNS, DHCP, FTP, Databases (MySQL & PostgreSQL), and library management systems (KOHA & D SPACE).

Wi-Fi Authentication

ASIET has implemented the Simply5 Wi-Fi management solution for authentication and user management. Leveraging the cloud-based Simply5 Edge platform, we have established a dynamic and scalable user access management system capable of supporting environments ranging from small 50-user sites to large 2500-user arenas. To support this infrastructure, 150 Nos Grand Stream and Aruba access points have been deployed across the campus, including the ladies' and men's hostels

Firewall and Switches

ASIET has deployed a FortiGate 200F firewall as a cornerstone of its network security infrastructure. This robust security cyber threats, including unauthorized access attempts and malicious attacks.

To enhance network performance and reliability across its various computer labs and departments, ASIET has strategically implemented a combination of CISCO

CBS350-24L2, Aruba ION 1930-24L2, and Aruba ION 1830 network switches. This infrastructure provides robust connectivity, ensuring seamless operations within these critical areas of the institution.

IT Policy

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A branch of Bank of Baroda that provides Core Banking Services (CBS) operates on the campus. Its ATM facility is also available on the campus and is situated near the Security Gate. Payment of all types of fees by the students can be made through the bank.

Working hours of the Bank:

10.00 hrs to 14.00 hrs and 14.30 hrs to 15.30 hrs. on all working days

10.00 hrs to 13.00 hrs on all Saturdays

ATM

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We provide four spacious conference halls that cater to the various needs such as conducting Seminars, International Conferences and so on.

Seminar Hall

This fully air conditioned halls deluged in magnificence can seat an audience of 500. It's a unique specimen of opulence and grandeur. The air conditioned conference hall in each Department has an amplitude to accommodate 75 people in classroom style and is well furnished with all the modern facilities for conferencing

Auditorium

ASIET has a state of art interior auditorium which is equipped with all modern technical support and a seating capacity of 1000, these colossal halls provide the right ambience for the conduct of large scale events.

Open Air Auditorium

ASIET is equipped with an excellent outdoor venue designed to host a variety of events such as cutural and technical, and community gatherings. It helps to

create a memorable atmosphere, allowing audiences to enjoy cultural and artistic events in an inviting, natural setting.

Mini Seminar Hall

The air conditioned conference hall has an amplitude to accomodate 75 people in classroom style and is well furnished with all the modern facilities for conferencing.

Sports & Games

Physical Education in colleges is instrumental in promoting physical fitness, developing social skills, enhancing mental well-being, and educating students about healthy living. It equips students with the necessary knowledge and skills to maintain a healthy and active lifestyle throughout their lives. At ASIET ,Physical Education is integrated into the college curriculum which will support in the holistic development of the students and help them to become a responsible citizen. ASIET recognizes the role of sports & physical fitness and its vitality in shaping an individual's personality. The Institute provides state of the art facilities like:

Fitness Center

Basketball Court (International standard Acrylic)

Volleyball Court (International standard Acrylic)

Table Tennis

Football Field

Indoor Shuttle Badminton courts

Cricket Nets

Coaches and Qualified personals in Physical Education and Coaches are available for scientific training and moulding students in various games, sports and physical fitness programme.

Sports & Games

Open Air Auditorium

Auditorium

Seminar Hall

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Wellness Clinic

ASIET Wellness Clinic is functioning in association with Little Flower Hospital & Research Centre (NABH Accredited), Angamaly. Wellness Clinic supports the health and wellness of students & staff and creates a healthy physical and psychological environment which enhances the teaching and learning process.

As per the MoU with the Hospital every semester, medical camps are being organized in the Campus. Staff and students of ASIET can also avail health checkups at the Hospital at privileged rates. We intend to provide quality accessible health care for staff & students, mould a health conscious community and spread best health practices.

'At our Wellness Clinic we believe, good health is essential for academic achievement'.

MoU with Little Flower Hospital

Professional Counselling

A professional student counsellor is available in the campus to provide guidance and support to students in various aspects of their academic, personal, and social lives. The professional student counsellor plays a crucial role in supporting students' mental health and overall well-being.

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Vehicles are brand wagons of ASIET and they ease daily commuting problems of the students. The well maintained transport system is handled promptly by expert and experienced staff members. Vehicles reach every nook and corners of the district. There are 30 buses doing services up and down. Almost 60 percent of the students utilize Institution's transport facilities which help them to reach the campus on time.

COLLEGE BUS ROUTE SL NO BUS NUMBER ROUTE 1 1 AMBALLOOR via PUDUKKAD 2 2 KOTHAMANGALAM 3 3 IRINJALAKKUDA 4 4 THURAVOOR via AROOR 5 5 VALANJAMBALAM 6 6 FORT KOCHI 7 9 KODUNGALLOOR via MANJALI 8 12 VAZHIKULANGARA via KOONAMMAVU 9 13 PIRAVAM via KOLENCHERY 10 14 MANJUMML CHURCH via EDAYAR 11 15 HIGH COURT via CHITTOOR 12 16 MALA via KURUMASSERY 13 17 KANGARAPADY 14 18 PONJASSERY-ALUVA 15 19 THEVARA via VAZHAKKALA 16 20 MUVATTUPUZHA via KURUPPAMPADY 17 21 NJARAKKAL via PARAVOOR 18 22 POOTHOTTA via TRIPUNITHURA 19 7 THIRUVANKULAM via AMBALAMUGAL

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Aligned with the honorable PM's Fit India movement and Yoga for Well-being initiative, ASIET promotes health and mental well-being of inmates by offering state-of-the-art facilities for yoga, sports, games, and physical health activities.

Gymnasium

To instill the habit of discipline and physical fitness, a well equipped modern gymnasium has been made available for the students. Treadmill, weight lifting, cardio equipment and multi gym apparatus adorn this inclusion.

Adi Shankara Centre for Peace and Yoga

The Adi Shankara Centre for Peace and Yoga is dedicated to fostering a holistic approach to health, emphasizing the harmony of mind, body, and spirit.

Gymnasium

Adi Shankara Centre for Peace and Yoga

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College has two on-campus indoor diesel powered generators of 160 KVA and 100 KVA capacity which ensures uninterrupted power supply in the campus. A 30 KVA Grid based Solar Power Plant also functions on the campus. All labs in the Campus have backup power systems through UPS, which have adequate stand by time.

Solar Power Plant

Substation

Diesel Generator

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Adi Shankara Institute of Engineering and Technology (ASIET) provides various facilities for Divyangjan (persons with disabilities) to ensure an inclusive and accessible environment. These facilities typically include:

Ramps, Handrails, and elevators to ensure mobility and ease of access within the campus.

Accessible Restrooms: Specially designed restrooms that cater to the needs of Divyangjan.

Assistive Technology: Tools and devices that assist in learning and communication for students with disabilities.

Specialized Support Services: Counseling and support services tailored to the needs of Divyangjan students.

Divyangjan Policy

Divyangjan Support

Facilities

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The establishment of Anti Ragging Committee at ASIET is as per All India Council for Technical Education notified Regulation for prevention and prohibition of ragging in AICTE approved Technical Institutions vide No. 37-3/ Legal/ AICTE/ 2009 dated 01.07.2009) and UGC Regulation issued in this regard

Anti ragging refers to the measures and initiatives taken to prevent and combat the practice of ragging in educational institutions. Ragging refers to the act of physically, mentally, or emotionally harassing or tormenting newcomers or junior students by senior students. It is a form of bullying that can have severe consequences on the victims, including physical injuries, psychological trauma, and even loss of life in extreme cases. At ASIET, with the support of authorities and student bodies, implemented various strategies to prevent ragging and address incidents effectively. The antiragging measures aim to create a safe and inclusive environment for students, where they can pursue their education without fear or intimidation.

The measures include:

Awareness Campaigns

Strict Policies

Grievance Redressal Mechanisms

Counseling and Mentoring

Student Engagement in various Campus activities

Surveillance and Monitoring with proper surveillance systems, such as CCTV cameras, in sensitive areas of the campus to deter ragging and provide evidence in case of any incidents

Legal Framework: Ensuring strict compliance with relevant laws and regulations related to ragging. Institutions cooperate with law enforcement agencies to take appropriate legal actions against offenders

ANTI RAGGING CELL ASIET 2023 - 2024

Head: Dr. M S Murali - Principal

Contact number - 9880855302

Co-ordinator: Prof. Gomathy S – Associate Professor,EEE

Contact number - 9447710028

Executive Members

Sl.no Name Designation Contact Number 1 Dr. Deepa Sankar HOD EEE 9447293774 2 Dr. Eldose K K HOD ME, Boys Hostel Chief Warden 9847664564 3 Dr. Srikrishnan Sundararajan HOD MCA 9840622031 4 Dr. Dhanasekhar K HOD CE 9840930902 5 Dr. Subiramonian Boys Hostel Resident Warden 9790120284 6 Prof. R Rajaram Dean Projects & Consultancy 9895199204 7 Dr. Bobby Mathews C IQAC Head & Dean Research 9446472170 8 Dr. Vinila N L HOD RA 9846670675 9 Dr Jayasree T G HOD BSH 9496228925 10 Prof. Shaji Mohan HOD MBA 9645093276 11 Dr. Remya George HOD EBE 9020909020 12 Sri Rajaraman P V HOD CSE-AI 9940418252 13 Dr. Manesh T HOD CSE 8848112354 14 Dr. Ajay Kumar HOD ECE 9846900310 15 Sri. Ramesh C T Physical Education Officer 9846161499 16 Dr.Gangadevi R Sr.Faculty 9495838678 17 Smt. Resmi V R Faculty 9496215474 18 Student Representative First Year 19 Mr. Sabarish Mohandas Second Year 9074405623 20 Mr. Sreejith Ramachandran Third Year 9633705821 21 Mr.Basil Benny Fourth Year 9526058697 22 Student Representative First Year 23 Ms.Sreelakshmi V Second Year 9497299730 24 Ms.Sethulakshmi Thirid Year 7736345965 25 Ms.Nimmy K Jolly Fourth Year 9072413862 26 Student Representative PG First Year Male representative 27 Student Representative PG First Year Female representative 28 Mr.Sifarath PG Second Year Male representative 29 Ms. Sona Mizra PG Second Year Female representative 9995050309 30 Smt. Archana Aniyar EEE(Ladies Hostel Chief Warden) 9446944885 31 Smt. Mini Ramesh Representative of non teaching staff 7593920844 32 Sri. Prasad S PTA Vice President 9947300314 33 Sri. Harikumar G PTA Joint Secretary 9745222644 34 Sri. Sreenath N Management 7356986487 35 Sri. Prasanth S R Media Clear Vision, Kalady 9656250513 36 Sri. Sijo George ASIET-NGO 9947180761 37 CI Police Kalady Police Station 9497987115 38 Sri. K T Eldhose Ward Member Kalady Grama Panchayat 9495106084

AICTE Anti Ragging Helpline: 1800-180-5522 Email ID: antiraging@aicte-india.org

KTU Anti Ragging Helpline: 0471-2598522 Email ID: university@ktu.edu.in

Anti Ragging Cell Policy

Anti Ragging Cell & Squad

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

Phone :

Tel: 0484-2463825, 2466066, 2461933

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+91 9446523599 (Prof: Incharge of Admission)

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Student Grievance Cell

The establishment of a Student Grievance Redressal cell as specified in the Approval Process Handbook is as per All India Council for Technical Education (Redressal of Grievance of Students) Regulation, 2019 vide F. No.1-101/PGRC/AICTE/Regulation/2019 dated 07.11.2019 *All India Council for Technical Education Regulations, 2021 vide F.No.1- 103/AICTE/PGRC/Regulation/2021 dated 25.03.2021.

Grievance redressal cells in higher education institutions are established to address and resolve complaints and grievances raised by students, faculty, or staff members (Stake holders). These cells play a crucial role in ensuring a fair and transparent system that promotes a healthy learning and working environment.

Key aspects of grievance redressal cells are:

At ASIET ,the grievance redressal cell was set up as per the guidelines provided by regulatory bodies like the University Grants Commission (UGC) or the All India Council for Technical Education (AICTE).

The primary objective of the cell is to provide a platform for individuals to report their grievances related to academic matters, admissions, examinations, discrimination, harassment, or any other relevant issues. The cell ensure that the complaints are heard, investigated, and resolved in a timely and fair manner.

Grievance redressal cell has a systematic procedure for registering complaints. The stake holders can submit their complaint via online portals, email addresses, or physical complaint boxes by form providing necessary details.

Upon receiving a complaint, the grievance redressal cell initiates an investigation into the matter. The committee members may interview the concerned parties, collect evidence, and examine relevant documents. The investigation is conducted impartially and confidentially.

The grievance redressal cell employ mediation and conciliation techniques to resolve conflicts and disputes amicably. Trained Counsellor facilitate dialogue between the parties involved, aiming to reach a mutually acceptable solution.

Based on the findings of the investigation, the grievance redressal cell recommends appropriate actions to address the complaint. These actions may include disciplinary measures, corrective actions, policy changes, or any other necessary steps. The cell ensures that the recommended actions are implemented and may follow up to ensure satisfactory resolution.

Grievance redressal cell maintain transparency in their operations by providing periodic updates on the progress of complaints and resolutions. They maintain records of all complaints received, actions taken, and outcomes achieved. These records help in assessing the effectiveness of the cell and identifying areas for improvement.

Grievance redressal cell adhere to the guidelines and regulations set by regulatory bodies such as the UGC or AICTE. They ensure that the grievance redressal mechanism is in line with the prescribed norms and that necessary reports are submitted to the respective authorities.

The committee consist of the following faculties.

1 Dr. M.S. Murali Principal 2 Prof. Ranjeesh R Chandran RA 3 Prof. Neetha K Nataraj CSE 4 Prof. Prajeesh P A ECE 5 Ms. Nandana Suresh Student

University Grants Commission (Redressal of Grievances of Students) Regulations, 2023

Students can sent grievance to

1. Mail - grievancecell@adishankara.ac.in
2. Drop box
3. Etllab -

Further, it is informed that anonymous letters will not be entertained.

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SEEM
Entrepreneurship Club
ISME
GDSC
SAEINDIA
BMESI
AI Club
CodeX
RAS
ISA
TRS
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Brahma

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Young Scientists Award

Cultural Fest

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Gender & Equity Cell

Gender & Equity Cell at ASIET is a dedicated committee aimed at fostering a safe, inclusive, and equitable environment for all students, faculty, and staff, regardless of gender. It strives to eliminate gender biases, raise awareness about gender issues, and ensure equal opportunities for everyone in the campus.

Objectives:

Promote awareness: To create awareness and educate the college community about gender issues.

Ensure Equal Opportunities: To guarantee that all members of the college community have equal access to resources and opportunities.

Support and Empowerment: To support and empower individuals facing gender-related challenges and discrimination.

Prevent Gender-based Discrimination and Harassment: To develop and implement policies that prevent gender-based discrimination and harassment.

Functions:

Awareness Programs and Workshops:

Organize seminars, workshops, and lectures on gender sensitivity and gender equity

Policy Formulation and Implementation:

Develop policies and guidelines to prevent gender discrimination and harassment on campus.

Ensure the effective implementation of these policies and monitor compliance.

Support and Counselling:

Provide counselling and support services for individuals facing gender-based discrimination or harassment.

Create a safe and confidential space for individuals to report incidents and seek assistance.

Grievance Redressal:

Establish a grievance redressal mechanism to address complaints related to gender discrimination and harassment.

Ensure timely and fair investigation of complaints and take appropriate action.

Monitoring and Evaluation:

Collect feedback from the campus community to continuously improve efforts towards gender equity.

Promotion of Female Representation:

Encourage and support the participation of female students and staff in leadership roles and decision-making processes.

Events and Celebrations:

Organize events to celebrate significant days related to gender equity

To address grievances, complaints, or suggestions regarding gender-related issues, please send an email to the designated address or submit them via the Grievance Tab in Etlab.

Email: genderequitycell@adishankara.ac.in

Gender & Equity Cell Order

Gender & Equity Cell Policy

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

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SC/ST Committee

The establishment of the Committee for SC/ ST at ASIET is as per the Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act, 1989, No. 33 of 1989, dated 11.09.1989, as mentioned in APH 2024-2027 The SC/ST Committee at Adi Shankara Institute of Engineering and Technology is dedicated to fostering an inclusive and supportive environment for all Scheduled Caste (SC) and Scheduled Tribe (ST) students. The committee's primary objectives include addressing grievances related to discrimination and providing assistance with scholarships and financial aid. The committee, composed of faculty members, student members, and administrative staff, ensures that the concerns of SC/ST members are heard and resolved promptly. For more information or to seek assistance, please contact any of the committee members or reach out via email.

SL NO NAME PHONE NO EMAIL ID 1 Mr. Prajeesh P A 9946528300 prajeesh.ec@adishankara.ac.in 2 Ms. Hima T 9947333303 hima.eee@adishankara.ac.in 3 Ms. Veena S Kumar 9496537955 veena.ce@adishankara.ac.in 4 Mr. Manesh V M 9633012892 maneesh.ec@adishankara.ac.in 5 Mr. Shine K S 9995403512 shine.ofc@adishankara.ac.in

For reporting any complaints, please use the following

SCST Grievance Redressal Form

email ID: SCSTcommittee@adishankara.ac.in

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574

Phone :

Tel: 0484-2463825, 2466066, 2461933

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Women Empowerment Cell

A Women Empowerment Cell (WEC) is an organization or committee that works towards empowering women and promoting gender equality. WEC was established to create a safe and supportive environment for women, and to address the challenges they face. Our college's Women Empowerment Cell was created to support female students and staff, improve their knowledge of issues affecting women in society, and prepare them to meet obstacles head-on. Women Empowerment Cell's mission is to advance women's social, economic, political, and legal empowerment, with an emphasis on decision-making. This cell gives them the impression that our college campus is a shelter and a second home to them. Through guest lectures, seminars, workshops, different awareness campaigns, and other welfare initiatives, the cell works tirelessly to improve their situation and ultimately empower them. Educating and inspiring young women to become productive members of society is essential for creating a more equitable and just society.

By providing opportunities for education, skill-building, and personal development, young women can gain the knowledge, confidence, and tools necessary to achieve their goals and make meaningful contributions to their communities. It is also important to emphasize the importance of diversity, inclusion, and equity in all aspects of education and society. By recognizing and addressing systemic barriers and biases, young women from all backgrounds can have equal access to education and opportunities for success.

Some of the activities and initiatives that a Women Empowerment Cell may undertake include:

Organizing workshops, seminars, and talks on topics such as gender equality, women's health, and women's rights.

Providing counseling and support services to women who have experienced discrimination, harassment, or violence.

Celebrating International Women's Day, Women's History Month, and other important events related to women's empowerment.

Conducting surveys and research on issues related to women in the organization, and using the data to inform policies and initiatives.

Creating networks and partnerships with other organizations and groups that share the same goals.

Vision

To educate, inspire, and prepare young women to become productive members of society.

Mision

Impart ethical value, positive self-esteem and confidence in the young women so that they can take the decision.

To uplift the girls socially and intellectually, the cell conducts various awareness camps health, legal, entrepreneurship, defense techniques, etc in order to equip them with the right knowledge for a life of equality, empowerment, personal enhancement and professional success.

To provide a platform for girls and women to share their experiences and views

regarding their status in the society and to suggest ways to improve and empower themselves.

Motto

"Empower a Woman, Empower a Nation"

Objectives

The primary objectives of a Women Empowerment Cell are:

To create awareness among women about their rights and the laws that protect them.

To provide support and guidance to women who face any kind of discrimination, harassment or violence, and to help them access the resources they need to address these issues.

To provide opportunities for women to enhance their knowledge, skills, and confidence through workshops, training programs, and other initiatives.

To promote gender equality and sensitivity among all members of the organization, and to challenge traditional gender roles and stereotypes.

To encourage women's participation in decision-making processes and leadership positions.

Activities

To promote a culture of respect and equality for female gender.

To organize awareness programs on gender sensitization.

To Arrange seminars that creates awareness on the economic, social, political, and legal rights of women.

To conduct seminars and workshop to impart knowledge of opportunities and tools available and train the women.

Organizing different activities to make women aware of their health, sports, self-defense etc.

Conducting various competitions to encourage their artistic talents.

Highlighting the importance of spirituality, health, hygiene and safety.

Women's Day celebration.

Instructions to Girl students

Believe in yourself: Believe that you are capable of achieving your goals and don't let anyone tell you otherwise.

Speak up: Don't be afraid to express your opinions and ideas, and always speak up against injustice and discrimination.

Take initiative: Take charge of your own life and career, and don't wait for someone else to do it for you.

Build your skills and knowledge: Invest in your education and skills training, and never stop learning.

Network and collaborate: Build relationships with other women and supportive allies, and collaborate on projects and initiatives that promote gender

equality.

Be confident: Build your confidence and self-esteem, and don't let anyone make you feel inferior or powerless.

Support other women: Be a supportive ally to other women and help them achieve their goals and aspirations.

Take care of yourself: Prioritize your own health and wellbeing, and seek support and help when needed.

Stand up against harassment and abuse: Never tolerate harassment, abuse, or gender-based violence, and seek help and support if you experience or witness such behaviour.

Members of Women Empowerment Cell

SL NO NAME ROLE 1 Prof. Divya V Chandran, ECE Coordinator 2 Prof. Rajalakshmy S, EEE Documentation Team 3 Prof. Cyldin P A, CE Documentation Team 4 Prof. Teena George, CSE Event Coordination Team 5 Dr. Lakshmi M Hari, EBE Event Coordination Team 6 Dr. Athira M, RA Event Coordination Team 7 Prof. Jaimy James, ECE Event Coordination Team 8 Prof. Manju M Mathew, MBA Publicity Team 9 Dr. Amrutha M Nair, CSE-AI Publicity Team

WEC Report 2023-2024

WEC Report 2022-2023

WEC Report 2021-2022

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Internal Complaints Committee

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Internal Complaints Committee

The establishment of Internal Complaints Committee (IC) at ASIET is as per Section 4, All India Council for Technical Education (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutions) Regulations, 2016 vide No. F.AICTE/ WH/2016/01 dated 10th June, 2016

The objective of an Internal Complaints Committee in an engineering college is to provide a mechanism for addressing complaints of sexual harassment, discrimination, and other grievances from the students and staff in a confidential and sensitive manner. The primary goal is to create an environment that is free from harassment, intimidation, and discrimination, and to promote a culture of respect and equality for all.

Composition

The Internal Complaints Committee should consist of the following members:

Chairperson - A senior faculty member

Two faculty members - one male and one female

Two student representatives - one male and one female

An external member who is an expert in the field of sexual harassment or related issues

Functions

To receive complaints from the aggrieved persons, either orally or in writing, and to take immediate action to resolve the issue.

To provide counseling and support services to the complainant.

To investigate the complaint in a timely, fair, and impartial manner.

To ensure the confidentiality of the complainant and the accused.

To take appropriate action against the accused if the complaint is found to be true. To provide periodic reports to the management about the complaints received and the actions taken.

Procedures

The Internal Complaints Committee should display its contact details prominently in the college premises.

Any student or staff member who has a complaint should approach the Internal Complaints Committee with the necessary details.

The Internal Complaints Committee should provide a written acknowledgement of the complaint to the complainant.

The committee should investigate the complaint by gathering all necessary information and conducting interviews with the complainant, accused, and witnesses.

The Internal Complaints Committee should provide a written report of its findings and recommendations to the management.

The management should take appropriate action based on the recommendations of the Internal Complaints Committee .

The Internal Complaints Committee should provide periodic reports to the management about the complaints received and the actions taken.

In conclusion, the Internal Complaints Committee in an engineering college plays a crucial role in creating a safe and inclusive environment for all members of the college community. The policy should be communicated clearly to all students and staff members, and any violations should be dealt with strictly.

Members of Internal Complaints Committee

SL	NO	NAME	EMAIL ID	CONTACT NUMBER	ROLE
1		Dr. Jini P Varghese, BSH	jini.neng@adishankara.ac.in	9744014564	Member
2		Dr. Gangadevi R, BSH	gangadevi.neng@adishankara.ac.in	9495838678	Member
3		Adv. Latha Anand, Advocate	bskrishnanassociates@gmail.com	9447574205	Member
4		Smt. Smitha, Ward Member	Smtihabiju020@gmail.com	8078719920	Member
5		Sri. Nimal Namboothiripad, MBA	nimal.mba@adishankara.ac.in	8870590178	Member
6		Sandra Jacob, EBE	sandhrajacob1@gmail.com	8078328620	Member
7		Merin Johny, CSE-AI	merinjmaippan@gmail.com	9544220586	Member
8		Viswas V Pai, EEE	vishwasvpai.12a.svn@gmail.com	7025760951	Member
9		Christo Martin, CSE	christomartinog@gmail.com	8078282046	Member
10		Adv. Hema, Advocate NGO	vkhemaaanil@gmail.com	9497061344	Member

If you believe you are being harassed or think you might be, what actions should you take?

Reach out to us at email: icc@adishankara.ac.in

or

Call : Dr. Jini P Varghese - 9744014564

Internal Complaints Committee - Order

Internal Complaints Committee - Act

Handbook on Sexual Harassment of Women at Workplace

DoE Prevention Sexual Harassment

Letter to all Institute

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Student Welfare Committee

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Student Welfare Committee

Student Welfare Committee

The objectives of the Student Welfare Committee at our institution are multifaceted, aimed at enhancing student welfare and support. Our primary goal is to ensure equitable distribution of the student welfare fund, catering specifically to financially disadvantaged and meritorious students, those excelling in academics, sports, games, and arts, as well as those affected by unforeseen circumstances. We strive to recognize and support academic excellence through initiatives like reimbursing NPTEL exam fees for top-performing students and facilitating publication of research in prestigious journals. Additionally, we prioritize student health by maintaining comprehensive health records and providing financial aid during medical emergencies. Regular semester review meetings further enable us to address student welfare concerns effectively, ensuring a conducive learning environment.

To ensure effective implementation of our welfare policies, the Welfare Cell comprises dedicated faculty representatives from every department. Each member plays a crucial role in decision-making and overseeing the allocation of funds to support various welfare initiatives.

Members of Student Welfare Committee

SL NO NAME ROLE 1 Ms. Akhila K, EEE Convener 2 Ms. Divya K S, CSE Member 3 Ms. Asha Rose Thomas, CSE - AI & DS Member 4 Ms. Reshma Laxmanan, ECE Member 5 Mr. Sreedeeep Krishnan, RA Member 6 Mr. Jithesh S R, ME Member 7 Ms. Veena S Kumar, CE Member 8 Ms. Nimmy Vijayan, EBE Member 9 Ms. Manju M Mathew, MBA Member 10 Dr. Vincy Devi, MCA Member

For more details see:

Student Welfare Policy

Student Welfare Cell Report

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Scholarship

The institute provide academic scholarships, freeships and merit scholarships to deserving students. These are decided after a rigorous procedure. The objective of the scheme is:

To ensure affordable education for economically disadvantaged students.

To support and motivate academically outstanding students.

To encourage student interest in sports and other innovative initiatives.

Scholarship Policy

List of Institute, Government and Non Government Scholarships

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ASIET LIBRARY

The ASIET Central Library is an integral part of the institution, situated in the main academic block across two floors. It covers an area of 942 meter square and offers a peaceful environment for users to access information. The library has a seating capacity of 120 people, providing ample space for students, faculty, and staff to study and conduct research. The serene setting promotes a conducive atmosphere for learning and knowledge acquisition. To enhance efficiency and accessibility, the library is automated with KOHA, an open-source integrated library system. This automation streamline processes such as cataloging, circulation, and inventory management, making it easier for library staff to manage the collection and assist users effectively. The library follows an Open Access System, which means that the resources are readily available to users without any restrictions or barriers. Users can explore the collection and access the information they need without any additional authorization requirements. To check the availability and status of a book, users can utilize the Online Public Access Catalogue (OPAC). This online catalogue allows users to search for specific books, view their availability, and obtain information about their location within the library. It serves as a valuable tool for users to navigate the library's collection efficiently.

Facilities

The library provides a range of facilities to enhance the learning and research experience for users. Some of the facilities offered include:

8 AM to 8 PM opening hours

Software enabled library transaction

E-Gate register

Open access

Digital library

Internet Browsing

E-Resources

Seminars/Webinars for E-Resource Usage:

Plagiarism Checking

OPAC

Reprographic service

User awareness programmes

Display of new arrivals

Feedback/Suggestion box

Washroom facility

Library Rules

Identity card is compulsory for entering the library: Every individual entering the library must possess a valid identity card issued by the institution. This is necessary for identification and security purposes.

No external manuscripts should be brought into the library/reading room. Keep all belongings in the racks provided for the purpose

Using Mobile phones and audio instruments with or without speakers or headphones is strictly prohibited on the library premises.

Tampering with/damaging the book will result in a fine: Any form of tampering with or damaging library books, including underlining, highlighting, tearing pages, or writing in them, is strictly prohibited. Violators will be subjected to a fine amounting to double the cost of the book as a penalty.

Issued books and external books shall not be brought into the library /reading room

Students can take books from the rack for reference with the concern of the library staff after making an entry in the register, for use inside the library only.

CDs are available in the library. A separate request should be lodged with the librarian for taking CDs outside the library and to be returned in the same condition.

Journals/ Magazines are not generally issued however, overnight lending of journals/magazines is possible on written request

Teaching staff are entitled to take 10 books: Teaching staff members are allowed to borrow up to 10 books from the library. They are permitted to retain the books for a period of one month.

Students can borrow five books for two weeks and one book for one semester through a book bank scheme.

Refreshments of any kind shall not be taken anywhere on the library premises: In order to maintain cleanliness, hygiene, and to avoid damage to library materials, it is strictly prohibited to consume any form of refreshments inside the library premises. This includes food, beverages, and snacks.

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Solid Waste Management

Green Audit

Energy Audit

Eco Vision Initiatives

Adi Shankara Institute of Engineering and Technology (ASIET) is committed to promoting sustainability through various green campus initiatives. The institute has implemented eco-friendly practices such as rainwater harvesting, energy-efficient lighting, and waste management systems to reduce its environmental footprint. Tree plantation drives and the creation of green spaces around the campus are regular activities, enhancing the natural environment and fostering biodiversity. ASIET also encourages the use of renewable energy sources, including solar panels, to power parts of the campus. These initiatives are part of a broader effort to create a sustainable and environmentally conscious educational environment, instilling green values in students and staff alike.

In addition to rainwater harvesting and energy-efficient lighting, ASIET's green campus initiatives include comprehensive recycling programs that minimize waste and promote material reuse. The institute actively engages students in environmental awareness campaigns and sustainability workshops to foster a culture of ecological responsibility. Eco-friendly transportation options, like bicycle racks and carpooling incentives, are encouraged to reduce carbon emissions. Regular audits and assessments are conducted to track the effectiveness of these green practices and identify areas for improvement. By integrating sustainability into daily operations and curriculum, ASIET aims to lead by example and inspire other institutions and communities to adopt similar environmental practices.

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About IEEE

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community to innovate for a better tomorrow through its more than 419,000 members in over 160 countries, and its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted "voice" for engineering, computing, and technology information around the globe.

Mission Statement

IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

Vision Statement

IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

IEEE SB ASIET was officially inaugurated in 2011. Under the guidance of our esteemed branch counselors, we have climbed greater heights ever since. Our student members have been selected to student activity committee of Kerala section as well as India council year after year owing to their volunteering skills. We have been host to international conferences, national level events and a bevy of workshops and programs that motivate students to pursue the finer edge of technology.

IEEE Reports

To know more visit,

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Creativity is the sublimation of one' s reflection and need. In this graphic era, it is quintessential to reflect, assess and challenge our perception of the world and to express them creatively.

Theatre and Arts club at ASIET aims to awaken the creator within you and to leverage it to your advantage. Talents in photography, music, painting and performance arts are encouraged to refine their demiurge and to challenge their prolificity.

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Literary Club

The main aim of the Club is to develop the interest of students in the area of reading and writing. It offers opportunities to appreciate different types of literature and increase their own literary skills. The Literary Club aims at not only refining the literary skills of the students but also developing in them logic and curiosity to know more and to instil in them a confidence to speak well. It is a club made for people who love literature, and want to share their experiences, readings and thoughts with others who have the same interest and talent.

Activities of the Club

To organise literary activities like storytelling, poetry reading and book review

To organise literary festivals

To conduct poetry writing, story writing, elocution, debates and other competitions

To organise public speaking workshops and periodic talks on different talks and themes by members

To liaison with and participate in similar activities of other clubs both inside the college and outside.

Members of Literary Club

SL NO NAME ROLE 1 Suja C K, BSH Coordinatoe 2 Anitha P, EEE Member 3 Dr. Lakshmi M Hari, EBE Member 4 Reema Pius, CE Member 5 Dr. Nithin Raj A, ME Member 6 Dr. Athira M, RA Member 7 Rosemary Varghese, CSE Member 8 Sidharth S Nair, MBA Member

Literary Club Annual Report

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About Institution's Innovation Council (IIC)

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses.

Major focus of IIC

To create a vibrant local innovation ecosystem.

Start-up supporting Mechanism in HEIs.

Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.

Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.

Develop better Cognitive Ability for Technology Students.

Objectives of our IIC

To create a vibrant local innovation ecosystem

Start-up/ entrepreneurship supporting Mechanism in HEIs

Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework (ARRIA)

Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas

Develop better Cognitive Ability amongst Technology Students

Functions of IIC

To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded fashion.

Identify and reward innovations and share success stories.

Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.

Network with peers and national entrepreneurship development organizations.

Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.

Organize Hackathons, idea competition, mini-challenges etc with the involvement of industries.

Benefits

No major capital investment required for establishing IIC as it will make use of existing local ecosystem.

Students/Faculty associated with IIC will get exclusive opportunity to participate in various Innovation related initiatives and competitions organized by MHRD.

Win exciting Prizes/Certificates every month.

Meet/Interact with renowned Business Leaders and top-notch academicians.

Opportunity to nurture and prototype new ideas.

Mentoring by Industry Professionals.

Experimentation with new/latest technologies.

Visit new places and learn a new culture.

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Quiz Club

A Quiz Club is a society established in educational institutions or communities dedicated to the promotion of quiz activities. The clubs serve as platforms for individuals interested in expanding their knowledge across various subjects.

The primary objective of a Quiz Club is to foster a spirit of curiosity, learning, and healthy competition among its members. Participating in a Quiz Club offers numerous benefits. It encourages critical thinking, enhances general knowledge, improves memory retention, and sharpens communication skills. Moreover, it provides an opportunity for individuals with diverse interests and expertise to come together, share insights, and learn from one another.

Beyond the intellectual aspect, Quiz Clubs also contribute teamwork, fostering friendships and networking opportunities. Overall, Quiz Clubs play a significant role in promoting lifelong learning, intellectual engagement, and social interaction within educational institutions and communities.

Members of Quiz Club

SL NO NAME ROLE 1 Anna Baby, EEE Cordinator 2 Sidharth S Nair, MBA Member 3 Anju Mary Joseph, RA Member 4 Anju George, ECE Member 5 Gayathri Dili, CSE AI Member 6 Remya Raveendran, CSE AI Member 7 Anna Varghese, CE Member 8 Rahul S Arackal, ME Member 9 Winnie Ann Thomas Member

For more details, see Quiz Club

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Universal Human Values

The purpose of education is to help the student develop the right understanding, so that, by a certain age, he/she will be able to gain clarity about happiness, prosperity and how to ensure their continuity at the individual level and contribute meaningfully to the family, society, and the entire nature for the wellbeing of all. The objective of the cell are:

To equip the faculty to provide holistic, value-based education to the students.

To help the faculty also lead a fulfilling life by maintaining harmony at the individual, family, society, and nature- levels.

To conduct a weekly meeting of UHV cell members along with other faculty members, staff, and students interested in UHV.

Members of UHV Cell

SL NO NAME ROLE 1 Prof. Suja C K, BSH Coordinator 2 Gripsy Paul, CSE Member 3 Nimal Namboodiripad, MBA Member 4 Hima T, EEE Member 5 Neema M, ECE Member 6 Dr. Vinay T V, ME Member 7 Harshnanda T N, CE Member 8 Winnie Ann Thomas, EBE Member 9 Sabitha MG, CSE AI Member 10 Dr. Julia T J, RA Member 11 Eldhose P Sim, CSE Member

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Mathematics Club

The Mathematics Club at ASIET is a vibrant and dynamic community for students passionate about mathematics. Our club is dedicated to fostering a love for mathematics and providing a platform for students to explore, discuss, and engage with various mathematical concepts beyond the classroom.

Aim

To motivate and engage students in the subject by providing opportunities for informal and enjoyable mathematical activities

Objectives

The objective of the Maths Club is to provide a platform for students to engage in mathematical activities, to enhance their problem-solving skills, and to develop their interest in mathematics.

The club aims to achieve the following objectives:

To provide an opportunity for students to explore mathematics beyond the classroom.

To enhance students' problem-solving skills through interactive sessions.

To organize workshops, guest lectures, and quizzes to promote mathematical

thinking and reasoning.

To provide a platform for students to participate in mathematical competitions and Olympiads.

Members of Mathematics Club

SL NO NAME ROLE 1 Sajitha Saseendran, BSH Coordinator 2 Savithry K S, BSH Cordinator 3 Joeann Stephen, S3 EBE President 4 Arnav S Nair, S1 ECE Secretary 5 Govind Pai, S3 ECE Member 6 Archa Ajayakumar, S3 ECE Member 7 Anjali Nair, S3 ECE Member 8 Lakshmi Nandana, S3 CSE Member 9 Vaibhav, S1 EEE Member 10 Aravind, S1 ECE Member 11 Sreenesh S Pai, S1 ECE Member 12 Devika M S, S3 ECE Member 13 Krishnaveni, S3 CSE Member 14 Sajin Sojan, S3 CSE Member

For more details see

PI Day Celebration 2024

Mathematics Week Celebrations 2023

Mathematics Club Inauguration

Mathematics Day Celebration 2021

National Mathematics Day Celebration 2019

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Science Club

Promote science and technology and bring awareness among young engineering professionals regarding the influence and importance of Science in our daily and professional life and promote sustainability.

Objectives

Conduct programmes and training sessions on various aspects of Science and Technology

Organize webinars and invited talks by industry professionals and academic experts

Promote a research culture in students and bring enthusiasm among the student community by organizing research seminars, quiz and poster competitions etc.

Groom young professionals by assigning roles and responsibilities and impart training to become future leaders

Create awareness among the student community regarding personality development, communication skills, interpersonal skills and develop entrepreneurial mindset.

Foster a research culture among faculty and student community to address and solve scientific, social and environmental issues by interdisciplinary research

Identify and Initiate collaboration with industries, other academic and research institutions

Catalyze and engage in activities in making the institution as a Centre of Excellence and contribute the best to the Society and Environment.

Members of Science Club

SL NO NAME ROLE 1 Dr. Anand Krishnamoorthy, BSH Coordinator 2 Resmi V R, BSH Coordinator 3 Brian Roy Mathew Chairperson 4 Anjana Ajith Joint Secretary 5 C R Krishna Member 6 Ram Yogesh Member 7 Pavithra Member 8 Mini S Nair Member 9 Jayalakshmi J Member 10 Aswin P Shine Member

For more details see:

Science Day Celebration

Science Club Inauguration 2024

Science Club Activities 2019

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Faculty Professional Enrichment Cell

The Faculty Profession Enrichment Cell (FPEC) at ASIET is dedicated to the professional development of faculty members, offering a comprehensive orientation program for newly joined faculty to familiarize them with the college's culture, practices, and administrative procedures. The FPEC organizes workshops, seminars, and training sessions focused on enhancing teaching and learning strategies, exploring effective assessment techniques, and harnessing educational technology tools. Additionally, stress management sessions are incorporated to support faculty members in maintaining optimal mental and emotional well-being. A department-wise training approach, facilitated by department coordinators, ensures that training is relevant and tailored to the specific needs of each department, covering topics such as discipline-specific teaching methods, research skills, and professional development. Furthermore, mentoring and coaching services are provided to support faculty members in their professional journey, promoting continuous growth through career planning, networking opportunities, and skill enhancement.

Members of Faculty Professional Enrichment Cell

SL NO NAME ROLE 1 Dr. Sivaprasad P V, ME Convenor 2 Ms. Akhila K, EEE Convenor 3 Ms. Aswathy N, ECE Convenor 4 Ms. Raghi R Menon, CSE Member 5 Mr. Nikhil Narayanan, CSE Member 6 Dr. Sreena Sreekumar, EEE Member 7 Ms. Ashna Mohan, EEE Member 8 Dr. Neema M, ECE Member 9 Ms. Reshma Laxman, ECE Member 10 Mr. Abin Joy, CE Member 11 Ms. Harshananda T N, CE Member 12 Ms. Anju Mary Joseph, RA Member 13 Mr. Eldho Mathew, ME Member 14 Dr. Rahul S Arackal, ME Member 15 Ms. Nimmy Vijayan, EBE Member 16 Ms. Pravitha K Nair, BSH Member

FPEC Policy

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The Institution of Engineers (India) [IEI] Student Chapter

The Institution of Engineers (India) [IEI] is a multi-disciplinary professional body of engineers, established in 1920 with its headquarters located in Kolkata. The Institution of Engineers (India) is administered by a National Council with the President as its Head. IEI has been as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Govt. of India. The Institution has been serving the engineering fraternity for over a century with its national and international presence through 125 centres spread all over India and 6 overseas chapters. The Institution encompasses 15 engineering disciplines with a corporate membership of over 2 lakhs.

IEI Student Chapter at ASIET IEI Student Chapter was established in the year 2018. The student chapter of IEI at ASIET aims to promote/support the education and research among students. A total of 162 memberships is provided for the students under this society chapter. Apart from this, the chapter facilitates teachers to take corporate memberships (Associate Member - AMIE) in IEI. This

enables faculty to apply for grants in research activities. The student chapter provides a platform for students to interact with professional engineers, participate in technical workshops, seminars, conferences, and engage in technical and non-technical activities that help them develop leadership and teamwork skills.

Objectives:

To advance engineering through Research and Development (R & D) initiatives and grants.

To disseminate and update engineering and technological knowledge among its members, through technical activities.

To foster a greater commitment among engineers to the social goals of the profession.

To promote ongoing professional development.

Best Practices:

It organizes various technical competitions, including project exhibitions and quizzes to encourage students to apply their theoretical knowledge to practical problems. These competitions help students develop their problem-solving, communication, and presentation skills.

Offers hands-on workshops, training programmes, seminars, webinars and other professional development opportunities to help members improve their skills and advance in their careers.

Promotes students and teaching staff to undertake projects and apply for grants under R & D Grant-in-aid scheme of IEI.

Organizes conferences and faculty development programmes funded by IEI.

Scholarships are provided to students based on their academic results.

In addition to technical activities, the IEI Student chapter also conducts socially relevant events such as drawing competitions on sustainable engineering to promote the overall development of students.

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The American Society of Mechanical Engineers (ASME)

The American Society of Mechanical Engineers (ASME) is a globally renowned professional organization for Engineers. ASME creates around 600 codes and standards for various engineering equipment. The Student Section of ASME at Adi Shankara Institute of Engineering and Technology, known as ASME ASIET STUDENT SECTION, was established in March 2017 by the students from the Department of Mechanical Engineering. It is a dynamic and active chapter that aims to bridge the gap between academic learning and professional engineering practice. Members of ASME are provided with numerous opportunities to enhance their academic and technical knowledge.

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Society of Energy Engineers and Managers (SEEM)

The Society of Energy Engineers and Managers (SEEM) whose vision is "world where the entire spectrum of human activities exist in harmony with a clean and green earth by integrating energy efficiency and conservation of natural resources into these activities". It is the national professional body of certified energy managers and auditors in India, formed in the year 2005 as a non-governmental and a not-for-profit organization registered under the Charitable Societies' Act.

The basic objective of SEEM is to provide energy conservation and knowledge-based energy efficiency services to all sectors of the economy and provides a network between business, government, academia and utilities for information exchange, capacity building and leadership development. Currently SEEM member community cuts across all the sectors of economy and consist of professionals in the field with diverse experience and expertise.

SEEM student chapter was inaugurated at ASIET, Kalady on 25/04/2017 as part of the industry interaction initiatives from the department of EEE. Student chapter mainly focused on Energy conservation and Management Awareness Programmes. Energy experts regularly arrange workshops for Energy auditing for students. For the benefit of our students, the chapter arranges

visit to Science Congress Exhibitions and Renewable Energy Expos. SEEM supports the participation of our students in energy audit competitions. Student members get opportunities for short-term internship at SEEM'S projects and activities. The Chapter actively organizes online webinars, technical sessions in sustainable energy development. Renewable energy training sessions are also conducted, which enable students to enter in to industry and related research areas. Based on the activities conducted in 2018, the student chapter got National level 'Silver Award' in the Facility category. Our students won prizes in the National Energy Auditing Competition for the year 2017 and 2018.

For more details, see SEEM Report

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Entrepreneurship Club

An Entrepreneurship club is active in the college. Many participants after their MBA plan to start their own businesses immediately after the programme or after a few years of work experience. Taking this into consideration the Department has initiated an Entrepreneurship Club. It is run by the participants with guidance from the faculty members. They organise a number of events like the Entrepreneurship Conclave and One Day sale every year. Ms. Nitha Johnny and Ms. Heenu TJ are two of the Entrepreneurs in the present batch.

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Indian Society of Mechanical Engineers (ISME)

ISME seeks to bring together individuals, and institutions and Govt . Agencies & industries and Education to evolve and develop Engineering practices in India. Apart from upgrading the professional skills of its members, ISME also aims at the following: To spread the benefits of Engineering Education to the less privileged. To advance the status and roles of engineering practice To facilitate interaction between members of Engineering Societies throughout the world. To represent the opinion of Members of the society, on matters related to the objects of society. To promote the values of Engineering and Technology and its applications. Promoting continuing education and training. In ASIET, ISME plays major role in conducting webinars, technical talks and conducting trainings for students and faculties.

For more details visit ISME Report

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Google Developer Student Clubs

GDSC ASIET is a non-profit developer Club powered by Google Developers to learn , share, connect and develop skills. Our motto is Connect, learn , Grow.

Meet students interested in developer technologies at your university. All are welcome, including those with diverse backgrounds and different majors. Learn about a range of technical topics and gain new skills through hands-on workshops, events, talks, and project-building activities - both online and in-person.

Apply new learnings to build great solutions for local problems. Advance your skills, career, and network. Give back to your community by helping others learn, too.

Our Motto

Providing students with access to the latest Google technologies and resources.

Facilitating a peer-to-peer learning environment where students can develop their skills and knowledge

Encouraging collaboration on projects that use Google technologies to address real-world problems

Fostering a welcoming community that embraces diversity and inclusion within the tech industry

Overall, GDSC aims to equip students with the technical skills and practical

experience they need to be successful in the tech industry, while also promoting innovation and giving back to their communities.

For more details visit our official Website <https://gdsc.community.dev/adi-shankara-institute-of-engineering-technology-kalady-india/>

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GDSC Report 2022-2023

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SAEINDIA is India's 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 a strategic alliance partner of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of mobility industry in India.

SAEINDIA has over 50,000 student members in more than 480 collegiate clubs located all over India. Collegiate clubs provide practical exposure to a

professional engineering society as well as focal point for campus engineering programs and projects. Applicants must be students pursuing studies leading to any bachelor, masters, or doctoral degree in Engineering Colleges approved by AICTE or UGC. SAEINDIA membership is not open to school students.

SAEINDIA Collegiate clubs offer student members organise programs and activities, fellowship, and leadership experience. SAEINDIA student members are also entitled to many of the services available to SAEINDIA's regular members.

SAEINDIA Report

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Biomedical Engineering Society of India (BMESI)

Biomedical engineering is a multidisciplinary field that applies engineering principles and methods to solve medical and biological problems. Biomedical engineering society of India (BMESI) is a professional body that aims to promote the advancement of biomedical engineering in India and to foster the interaction and collaboration among biomedical engineers, researchers, clinicians, educators and students. The BMESI was registered in 1985 in Pune, Maharashtra. A group of Eminent professors and researchers from all over the India were the first

members of BME Society and guided and mentored its activities. Today it has grown to have a total of 1300 strong life members and 61 institutional members.

BMESI organizes conferences, workshops, seminars, webinars and other events to disseminate the latest developments and innovations in biomedical engineering. BMESI also publishes a journal, newsletter to provide a platform for sharing research findings and best practices in biomedical engineering. The BMESI publishes a bimonthly newsletter named ENGMEDNEWS. BMESI is relevant to the student community as it offers opportunities for learning, networking, mentoring and career development. BMESI encourages students to join as members and participate in its activities and initiatives. By being a part of BMESI, students can enhance their knowledge, skills and competencies in biomedical engineering and contribute to the growth and development of this field in India.

Objectives

Empower student members with specialized programs and expanded participation opportunities.

Enhance knowledge sharing through digital strategies.

Expand publication outreach for wider dissemination of information.

Student chapter of Biomedical engineering society of India (BMESI) was inaugurated in Adi Shankara Institute of engineering and technology on 03-02-2024 by the Secretary of BMESI, Dr. Muralidhar Bairy G.

Members of Biomedical Engineering Society of India

SL NO NAME ROLE 1 Melvin Mathew Jacob President 2 Misna Abdul Manaf Vice president 3 Jinusree M Secretary 4 Nagaraj C Joint Secretary 5 Mohammed Adnan Sufikar Treasurer 6 Antony Davis Convenor 7 Dr Surya D Staff in Charge

For more details see

BMESI student chapter inauguration

Exhibition - Mini Hospital

Technical Talks

Bio Quiz

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AI Club

An AI club serves as a dynamic platform for individuals passionate about artificial intelligence (AI) to deepen their understanding and engagement with the field.

Aim

The club fosters collaboration among its members, encouraging teamwork on innovative AI projects and providing opportunities for research and development. It also aims to keep members updated on the latest advancements and ethical considerations in AI, facilitating networking with professionals and experts in the field. Through educational activities, including workshops, discussions, and practical projects, members gain hands-on experience and theoretical knowledge in AI concepts and applications. Ultimately, the AI club strives to empower its members to contribute meaningfully to the evolving landscape of AI technology and its ethical implications.

Objectives

The club could host workshops and tutorials on various topics related to AI, such as machine learning, natural language processing, and computer vision. Members could learn from experts in the field, as well as from each other through peer learning.

Group Projects: The club could undertake group projects where members collaborate to create AI applications or projects. These projects could be based on real-world problems or challenges faced by the local community.

Guest Speakers: The club could invite experts and professionals from the industry to speak on various topics related to AI, such as trends in AI, the future of AI, and ethical considerations in AI development.

Hackathons: The club could organize hackathons where members and participants could work together to create AI-based applications or solve specific challenges in a short period of time.

Competitions: The club could participate in various AI competitions, such as Kaggle or AIChallenge, where members could test their skills against other AI enthusiasts from around the world.

Networking: The club could organize networking events where members could meet and connect with professionals and experts in the field. This could include job fairs, meet-and-greet events, and conferences.

Mentorship: The club could offer mentorship programs where experienced members could mentor newer members in AI-related topics and help them develop their skills.

Members of AI Club

Staff Coordinator - Gayathri Dili, Asst. Professor, CSE-AI

SL NO NAME ROLE 1 Aswin Dileep President 2 Vijaithakrishna S Ghosh Vice President 3 Biyaas Muhammad Secretary 4 Anrose Paulose Treasurer 5 Akshay Ajayan Technical Lead 6 Aaron P Laju Edwin Martin Viji Varghese Manjaly Technical Team 7 Yadhukrishnan M S Event Coordinator 8 Aswathy Jayakrishnan Henry B Philip Malu Mohan Rahul Mohan Event Team 9 Aravind E R Content Lead 10 Achu M V Amrutha Das Bazil Alias Jyothisha M Content Team 11 Ajai Krishna Astel Pauly Bhadra Mohan Muhammad Minhaj Media Team 12 Geeba Babu Joe P Pramod Navin Devassy Rose Mary Jose Social Media Team

For more details see

AI CLUB Inauguration

Extension Program - Foundations of AI

Generative AI Workshop

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CodeX

CodeX, the Coding Club launched by the Electronics and Communication Engineering department at Adi Shankara Institute of Engineering and Technology, Kalady, strives to highlight the significance of coding in today's world. This club seeks to unite students with a passion for coding by organizing various events such as workshops, competitions, and hackathons. Through these activities, CodeX provides opportunities for students to deepen their understanding and skills in coding.

Vision

Equip the student community with essential coding skills, improve their problem-solving abilities, expose them to a vast array of opportunities and establish a vibrant coding culture on campus that engages every student with a passion for coding.

Mission

Provide comprehensive training and resources to help students develop strong coding skills and stay updated with the latest technological advancements.

Create a supportive environment for students to collaborate on projects, share ideas, and innovate solutions to real-world problems through coding.

Conduct a variety of coding-related events such as workshops, competitions, and hackathons to stimulate interest, challenge abilities, and celebrate achievements in the coding community.

For more details see CodeX

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Robotics and Automation Society

The IEEE Robotics and Automation Society's objectives are scientific, literary, and educational in character. The 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.

Mision

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.

RAS strives to advance innovation, education, and fundamental and applied research in robotics and automation. Robotics focuses on systems incorporating sensors and actuators that operate autonomously or semi-autonomously in cooperation with humans. Robotics research emphasizes intelligence and adaptability to cope with unstructured environments. Automation research emphasizes efficiency, productivity, quality, and reliability, focusing on systems that operate autonomously, often in structured environments over extended periods, and on the explicit structuring of such environments.

The society provides aid in promoting close cooperation and exchange of technical information among its members and affiliates, and to this end, it holds meetings for the presentation of papers and their discussion, sponsors appropriate periodicals and special technical publications, and through its committees studies and provides for the needs of its members and affiliates.

SL NO NAME DEPARTMENT 1 Arjun M RA 2 Athulkrishna N S RA 3 Archa Ajayakumar ECE
4 A M Rahul ME

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International Society of Automation

The International Society of Automation (ISA) is a professional association focused on advancing the practice of automation in various industries. Here are the typical mission and vision statements for ISA:

Mission ISA's mission is to advance technical competence by connecting the automation community to achieve operational excellence.

Vision ISA's vision is to create a better world through automation.

These statements reflect ISA's commitment to fostering a collaborative community for professionals in automation, driving innovation, and promoting the development and application of automation technologies to improve operational efficiency and effectiveness across industries.

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The Robotics Society

Objectives ♦ Promote teaching, training and research related to robotics ♦ Encourage interaction between robotics researches in India (academic/R&D Labs/industry) ♦ Hold joint workshops and conferences at the national level ♦ Associate with other organizations involved in Robotics like IEEE, ASME etc. ♦ Publish a newsletter, proceeding, Journals, etc

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Parent Teacher Association

The Parent-Teacher Association (PTA) is a formal organization composed of parents, teachers and staff that is intended to facilitate parental participation in the Institute. An active PTA is functioning in the Institute.

The goals of PTA are:

Improving communication between parents and teachers to bridge the gap between home and the Institute by providing a forum for parents and teachers to share information and ideas.

Encouraging parental involvement in their children's education for them to attend Institute's events.

To support a variety of Institute's programs and activities, such as field trips, new books, and technology.

Advocate for the school at different forums to secure funding, improve facilities, and promote policies that support student learning.

PTA Executive Committee Members (2023-24)

President Dr. M S Murali, Principal, ASIET Kalady Vice President Prof. Prasad S, Associate Professor, Department of Economics, Sree Shankara College, Kalady Secretary Ms. Gomathy S, Associate Professor, EEE Department, ASIET Kalady Joint Secretary Mr. Harikumar G, Sales Manager, Chilton Refrigeration Private Ltd, Edappally Treasurer Ms. Ashna Mohan, Assistant Professor, EEE Department, ASIET Kalady

PTA Executive Meeting Report

2023-2024

Photos of Meeting

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UHV Cell

Mathematics Club

Science Club

Faculty Professional Enrichment Cell

IEI

ASME

SEEM

Entrepreneurship Club

ISME

GDSC

SAEINDIA

BMESI

AI Club

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Physical Education

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Young Scientists Award

Cultural Fest

Sports

Physical Education

Physical Education in colleges is instrumental in promoting physical fitness, developing social skills, enhancing mental well-being, and educating students about healthy living. It equips students with the necessary knowledge and skills to maintain a healthy and active lifestyle throughout their lives.

At ASIET, Physical Education is integrated into the college curriculum which will support in the holistic development of the students and help them to become a responsible citizen. ASIET recognizes the role of sports & physical fitness and its vitality in shaping an individual's personality.

About ASIET Physical Education Department

ASIET has a vibrant Physical Education department.

With the support of the management, each year various sports and game activities are organized for the students.

Selection trails are organized to find out the talents in different sports and game events and appropriate guidance and coaching is provided for the selected students.

Also, students are encouraged to take part in various inter-collegiate and university level sports activities.

Presently, we have students participating in athletics, cricket, football, basketball, volleyball, badminton from our college.

Infrastructural Facilities Available for Students

Outdoor Facilities

200 mts. Athletics Track

Football Play field

Cricket Play field

Volleyball court

Shuttle court

Basketball court

Cricket net

Indoor Facilities

Table Tennis

Chess Boards

Carom Boards

Gymnasium

Details of Various Sports Activities Conducted by ASIET Physical Education Department During the Academic Year 2023-24

Sl No	Date	Activity	Venue
Achievment/Remarks	1	19.10.2023 - 20.10.2023 KTU D Zone Badminton (Men)	Sanskara School Iinfopark (MITS Varikkoli)
Participation	2	19.10.2023 - 20.10.2023 KTU D Zone Badminton (Women)	Sanskara School Iinfopark (MITS Varikkoli)
Ann Rose Mannara - S1 EBE (Selected KTU Dzone Team)	3	30.10.2023 - 31.10.2023 KTU D Zone Basket Ball (Men)	Sanskara School Iinfopark (MITS Varikkoli)
Arun Nand B S - S3 CS AI (Selected KTU Dzone Team)	4	30.10.2023 - 31.10.2023 KTU D Zone Basket Ball (Women)	Sanskara School Iinfopark (MITS Varikkoli)
Rosemin Jose - S5 EEE (Selected KTU Dzone Team)	5	25.10.2023 - 26.10.2023 KTU D Zone Kabaddi (Men)	KMEA Engineering College, Pookkattupady
Second Runner-Up	6	17.11.2023 KTU D Zone Chess	MA Engineering College, Kothamangalam
Participation	7	09.11.2023 KTU D Zone Valley Ball (Women)	Muthoot Engineering College, Varikkoli
Champions	8	18.11.2023 - 20.11.2023 KTU Inter Zone Valley Ball Tournament (Women)	TKM Enginnering College, Kollam
Champions	9	28.11.2023 KTU D Zone Valley Ball (Men)	Muthoot Engineering College, Varikkoli
Participation	10	05.12.2023 KTU D Zone Foot Ball (Men)	Muthoot Engineering College, Varikkoli
Aadithyan K - S3 CS A (Selected KTU Dzone Foot Ball Team)	11	01.12.2023 Kho-Kho Practice Match (Men & Women)	Morning Star Home Science College, Angamaly
Participation	12	06.12.2023 KTU D Zone Kho-Kho (Men & Women)	SCMS College, Karukutty
Athuk Krishna, Chaithanya C R, Arjun S, Akhil Babu & Tom Davis (KTU D Zone Kho-Kho Team)	13	07.11.2023 KTU Badminton Team Selection	NSS College, Palakkadu
Ann Rose Mannara - S1 EBE (Selected KTU Badminton Team)	14	04.11.2023 KTU Basket Ball Team selection	MAR BASELIOUS Erngineering College, Trivandrum
Arun Nand B S - S3 CS AI (Participation)	15	25.11.2023 KTU Basket Ball Team selection	ICCS Muplium, Thrissur
Rosemin Jose - S5 EEE (Selected KTU Basket Ball Team)	16	16.12.2023 KTU	

Foot Ball Team Selection TKM Enginnering College, Kollam Aadithyan K - S3 CS A (Participation) 17 9.12.2023 KTU Kho-Kho Team Selection (Men & Women) Govt. Engineering College, Sreekrishnapuram, Palakkad Athuk Krishna, Chaithanya C R, Arjun S, Akhil Babu & Tom Davis (Participation) 18 18.11.2023 - 20.11.2023 KTU Inter Zone Valley Ball Tournament (Women) TKM Enginnering College, Kollam Angel Mariya Saju - S1 EBE, Meghana Reji - S1 RA, Devika Sabu - S1 RA, Krishna Priya P A - S1 RA, Anusree P - S1 ECE & Keerthana M - S1 ECE (Selected KTU Valley Ball Team) 19 25.10.2023 KTU D-Zone Kabaddi Tournament KMEA Engineering College, Pookkattupady 2nd Runner-up 20 05.03.2024 - 13.05.2024 KTU D-Zone Cricket Tournament MA Engineering College, Kothamangalam 1st Runner-up

The Institute provides state of the art facilities like:

Fitness Center

Basketball Court

Volleyball Court

Table Tennis

Football Field

Shuttle Badminton Court

Cricket Nets

Ramesh C T

Department of Physical Education

Physical Education Team

Department of Physical Education Team

Cricket Team

Football Team - Men

Kabaddi Team

Basketball Team - Men

Chess Team

Basketball Team - Women

Volleyball Team - Men

Football Team - Women

Badminton - Girls & Boys

Kho Kho Team - Girls & Boys

Cricket Team - Staff

Achievements

KTU D-ZONE Inter Collegiate Volleyball Championship 2023-24

Excited to share that our volleyball team has exhibited a spectacular performance in the KTU D-ZONE Inter Collegiate Volleyball Championship 2023-24 (Women) match being held at Muthoot Institute of Science and Technology. We won

the semifinal against MA college, Kothamangalam with a set score of 25 -1 and 25-3. A spectacular lead as our volleyball team wins the finals in KTU D-ZONE Inter Collegiate Volleyball Championship 2023-24 (Women) defeating FISAT for a score of 25-9 and 25-5.

KTU D-Zone Cricket Tournament 1st Runner Up

KTU D Zone Badminton Team

Ann Rose Mannara of EBE department got selected in the APJ Abdul Kalam Technological University D Zone Badminton Team

Best Sports Person ASIET

KTU D Zone Kabaddi Third Prize

Annual Athletic Meet 2023-2024

KTU Basket Ball Team

Rosmin Jose of EEE department got selected in the APJ Abdul Kalam Technological University Basket Ball Team

KTU Football Team

Manikandan A R of ECE department got selected in the APJ Abdul Kalam Technological University Football Team

All India Professors Cricket Team Winners

KTU Women Volleyball Champions

Muthoot Football Tournament 1st Runner Up

KPCL Cricket Tournament

KTU D Zone 2nd Runner Up

KTU Basketball Team Member - Rosmin Jose EEE

KTU Athletic Meet 2019-2020

Winners of APJ Abdul Kalam Technological University Athletic Meet 2019-2020

KTU Cricket Team

Aswin radhakrishnan of AE department got selected in the APJ Abdul Kalam Technological University Cricket Team

KTU D-Zone Cricket Tournament

APJ Abdul Kalam technological University D-Zone Cricket Tournament -2019 IInd Runners up

KTU Football Team

Rahul M R of IT department got selected in the APJ Abdul Kalam Technological University Foot Ball team and Don Davis of S7 ECE got selected as reserve player

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Young Scientists Award

Cultural Fest

Sports

Staff Welfare

At ASIET we prioritize the well-being and happiness of our staff members because we believe that a positive working environment enhances productivity and fosters a sense of community. Our commitment to staff welfare is reflected in various initiatives and support systems designed to ensure that every member of our team feels valued and supported.

Objectives

To organize and manage the welfare activities of the staff.

To coordinate the recreational and cultural activities of the staff.

To give financial aid to the staff members who are needy.

To award mementos and presentations.

To organize charitable activities in and around the college.

To arrange felicitation meetings when a staff member is to be honoured.

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The Faculty Grievance Redressal Committee at ASIET aims to address and resolve issues or grievances raised by faculty members. The main objective is to provide a fair and structured process for handling complaints related to work conditions, professional conduct, or other matters affecting faculty members. A well-functioning Faculty Grievance Redressal Committee helps maintain a healthy academic environment and supports faculty members in addressing concerns constructively. Based on the circular No. KTU/ASST6 (ADMIN)/1902/2021 dated 31.07.2022 the GRIEVANCE REDRESSAL COMMITTEE FOR FACULTY / STAFF (Approval Process Handbook 2021-22) of Adi Shankara Institute of Engineering Technology, Kalady is constituted with the following members for the academic year 2024-25.

Receive Complaints: The committee is responsible for receiving and acknowledging grievances filed by faculty members. These can range from issues related to administrative decisions, workplace environment, or interpersonal conflicts

Investigate Issues: The committee conducts investigations to gather facts, review evidence, and understand the context of the grievance. This might involve interviews, reviewing documents, and consulting with relevant parties.

Make Recommendations: Based on their findings, the committee makes recommendations for resolving the issue. This could include policy changes, disciplinary actions, or other remedial measures.

Facilitate Resolution: The committee may mediate between the involved parties to facilitate a resolution that is acceptable to all sides.

Ensure Confidentiality: Maintaining confidentiality is crucial to protect the privacy of those involved and to foster an environment where faculty members feel safe to raise concerns.

Report and Review: The committee often prepares reports on the cases it handles, which can be reviewed periodically to ensure the effectiveness of grievance redressal mechanisms and to identify areas for improvement.

Members of Faculty Grievance Redressal Committee

SL NO COMPOSITION NATURE OF SELECTION NAME CONTACT NUMBER EMAIL ID 1 Chairperson Principal Dr. M.S Murali 9880855302 principal@adishankara.ac.in 2 Member Sr. Prof. by University 3 Member Official from University 4 Member sr. faculty Smt. Gomathy S 9447710028 gomathy.eee@adishankara.ac.in 5 Member Sr. Faculty Dr. Eldhose K K 9847664564 eldhosekk.me@adishankara.ac.in 6 Member Sr. Faculty Dr. Sreekrishnan S 9840622031 hod.mca@adishankara.ac.in

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Co-curricular Activities

Innovation and Entrepreneurship Development Centre(IEDC)

Adi Shankara Institute of Engineering and Technology proved to be the stage for yet another exciting student venture through the inauguration of Kerala Startup Mission's Innovation and Entrepreneurship Development Centre from 10th February 2015. Named as Adi Shankara IEDC Boot Camp (ABC), the chapter aims at improving the entrepreneurship and technical skills of passionate students and at the same time, coming out with produces which would have the potential of generating revenue. Adi Shankara IEDC Bootcamp is working its best to spread the message of Innovation, Incubation, and Entrepreneurship among students in the college/region. For more details see IEDC

Technology Business Incubator (TBI)

TBI at AdiShankara Institute of Engineering and Technology, Kalady proved to be the stage for yet another exciting student venture through the inauguration of Technology Business Incubators (TBI)'s Startup Boot Camp Chapter. The students have managed to set up a full- fledged IEDC Boot Camp in the institute with the help of Startup Village, the college management and Kerala Startup Mission (Technopark TBI). For more details see TBI

Industry Institute Partnership Cell (IIPC)

Interaction between educational institutions and industries is crucial for the current educational landscape. Through this interaction, students gain exposure to real-world industrial environments and an understanding of industry work culture. This experience helps them acquire knowledge about their career paths and better prepares them for placements across various disciplines. Industries, facing intense competition, need students who are well-versed in industry standards and capable of meeting those expectations. Therefore, collaboration between academia and industry is essential. Industries can help shape students into industry-ready professionals by providing training and insights. To facilitate this, the Industry Institute Partnership Cell (IIPC) was established at ASIET in February 2018 to bridge the gap between industry and academia. For

more details see IIPC

The Institutions Innovation Council (IIC)

The Institutions Innovation Council (IIC) at Adi Shankara Institute of Engineering and Technology (ASIET) was established in the 2019-2020 academic year under the guidance of the Ministry of Human Resource Development (MHRD). The council organizes innovation and entrepreneurship promotion programs to ensure year-round activities on campus, fostering effective engagement, learning, and practice of innovation and entrepreneurship among students and faculty. MHRD's Innovation Cell (MIC) was created by the Government of India to systematically promote a culture of innovation across Higher Education Institutions (HEIs). The primary goal of MIC is to inspire and nurture young students, supporting them to develop new ideas and transform them into prototypes during their formative years. For more details see IIC

Intellectual Property Rights (IPR) Cell

With the rapid advancement of engineering science and technology and the proliferation of knowledge globally, inventions and creations have become commonplace. Protecting these intellectual products from misuse is essential, necessitating legal security known as Intellectual Property Rights (IPR). To create awareness among faculty and research scholars, Adi Shankara Institute of Engineering and Technology, Kalady, established the IPR Cell on June 25, 2018, with an Orientation Programme on Intellectual Property Rights. The IPR Cell aims to foster creativity and innovation within the institute and extends its services to both in-house scholars and the local community. For more details see IPR Cell

FABLAB

ASIET FABLAB is a state-of-the-art digital fabrication laboratory designed to enable the creation of almost anything. This facility is available to both faculty and students for developing creative design projects and is open to all technology disciplines as well as external partners with permission. Spanning 1,365 square feet, the lab is fully equipped to produce marketable products in a short time frame. For more details see FABLAB

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The Brahma festival at Adi Shankara Institute of Engineering and Technology is eagerly anticipated as a cultural extravaganza that promises an extraordinary experience for all attendees. From mesmerizing dance and music performances to captivating fashion shows and art exhibitions, Brahma offers a diverse range of events catering to a wide spectrum of interests. The festival's lively and dynamic ambiance creates an atmosphere filled with energy and enthusiasm, ensuring an unforgettable encounter for participants. Brahma isn't just an event; it's an exhilarating blend of technology, art, and pure fun that ignites the creative spark within everyone. Each year, the festival brings forth a vibrant edition that serves as a source of immense pride for the ASIET community. More than just a festival, Brahma is an emotion—a cherished legacy passed down to each batch since its inception in 2003. This extraordinary event isn't your typical gathering; it's a powerhouse of experiences. With top-notch technical and non-technical workshops, invigorating games and competitions, and mind-blowing Pro-Shows, Brahma promises to inspire, innovate, and foster a sense of belonging. It's a celebration where creativity thrives, talents shine, and memories are etched in time, ensuring an unforgettable experience for all who participate.

Reports

Brahma Report 2024 Brahma Report 2023

To know more about our cultural saga please visit

Brahma ASIET

ASIET Official

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Ashwamedha: The Technical Fest at ASIET

Ashwamedha is the flagship technical fest of Adi Shankara Institute of Engineering and Technology (ASIET), celebrated for its grandeur and excellence. As a national-level fiesta, Ashwamedha attracts some of the brightest technical minds from across the country, providing a competitive platform where innovation, creativity, and technical prowess are put to the test.

Highlights of Ashwamedha

Technical Competitions

The two-day festival is packed with a variety of technical competitions held simultaneously across the campus. These contests challenge participants to solve complex problems, innovate solutions, and demonstrate their technical skills. Events typically include coding challenges, robotics competitions, hackathons, and various domain-specific contests such as circuit design, mechanical design, and software development.

National Participation

Students from different parts of the nation converge at ASIET to take part in Ashwamedha. This diverse participation not only elevates the level of competition but also fosters a vibrant exchange of ideas and knowledge among the students.

Professional Shows

Adding a thrilling dimension to the fest, professional shows are organized on both days of the event. These performances provide a refreshing break from the technical rigor and are a major highlight for participants and spectators alike.

Networking Opportunities

Ashwamedha is not just about competitions; it also serves as a significant networking platform. Students get the opportunity to interact with industry professionals, alumni, and peers, opening doors for future collaborations,

internships, and job opportunities. This aspect of the fest is particularly beneficial for students looking to expand their professional networks and gain insights into industry trends.

Skill Enhancement

The festival plays a crucial role in helping students enhance their technical knowledge and skills. By participating in various events, students apply theoretical knowledge to practical scenarios, thereby solidifying their understanding and gaining hands-on experience. Workshops and seminars conducted by experts are also a staple at Ashwamedha, providing additional learning opportunities.

The Ashwamedha 2023 was a landmark event for ASIET. It successfully provided a platform for students to showcase their technical abilities and creativity. The event saw robust participation from students nationwide, making it a melting pot of talent and ideas. The professional stunt shows were a crowd-puller, adding excitement and drawing significant attention to the fest.

Looking ahead, ASIET aims to continue hosting such impactful events, recognizing their value in preparing students for future challenges. Ashwamedha not only enriches the technical capabilities of the participants but also helps in building a cohesive and competitive spirit, essential for personal and professional growth.

Ashwamedha 2022 Report

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SEEM

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ISME

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Young Scientists Award

Cultural Fest

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Adi Shankara Young Scientist Award

The Adi Shankara Young Scientist Award (ASYSA) is a prestigious accolade that identifies and nurtures the scientific potential of young innovators dedicated to addressing the world's most pressing challenges. This award celebrates exceptional craftsmanship, inspires academic excellence, and supports researchers in their quest to develop technological solutions that benefit humanity.

The primary objective of ASYSA is to:

Recognize Potential: Identify promising young scientists whose work shows exceptional promise in solving critical global issues.

Reward Excellence: Acknowledge and reward the dedication and quality of work exhibited by young researchers.

Inspire Scholarship: Motivate students to pursue academic and research excellence in STEM fields.

Support Innovation: Provide resources and encouragement for young minds to continue their pursuit of technological advancements.

Commitment to Innovation

ASIET, in collaboration with Asianet News, is committed to fostering a culture of innovation, ingenuity, and invention among students from grades 8 to 12 globally. The competition aims to locate, enthuse, and sustain the innovative spirit seen in young scientists, providing them with a platform to showcase their talents and ideas.

History and Editions

The ASYSA was first launched in 2016, with subsequent editions held in 2018 and 2019. Each edition has seen enthusiastic participation from students worldwide, showcasing a diverse range of innovative projects and ideas.

2016: The inaugural edition set a high standard, with students presenting groundbreaking projects that addressed various global challenges.

2018: The second edition built on the success of the first, attracting even more participants and showcasing a broader spectrum of innovations.

2019: The third edition continued this trend, highlighting the remarkable creativity and scientific acumen of young minds.

Competition Structure

The ASYSA competition is designed to rigorously evaluate the capabilities and potential of its participants through a multi-round format:

Preliminary Round: Open to students worldwide, this round sees active participation and serves as the initial screening of innovative ideas.

Final Round: Held at ASIET, the shortlisted candidates undergo four rigorous evaluation rounds, presenting their projects to a panel of experts.

The culmination of this intense competition is the selection of winners who receive prestigious awards, including a 10-day trip to NASA, USA.

Impact and Opportunities

Winning the Adi Shankara Young Scientist Award is a transformative experience, providing young scientists with unparalleled opportunities:

NASA Trip: Winners get the chance to visit NASA, gaining firsthand exposure to cutting-edge space technology and research.

Mentorship: Access to mentorship from industry experts and experienced scientists.

Networking: Opportunities to connect with peers, academicians, and industry leaders.

Scholarships and Grants: Financial support to further their education and research.

A Legacy of Success

Since its inception, ASYSA has turned dreams into reality for 12 winners, providing them with a platform to shine and make significant strides in their scientific careers. ASIET continues its dedication to fostering young talent and is excited to witness many more visions become reality through this esteemed award.

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ISA
TRS
IIPC
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Physical Education
Staff Welfare
Brahma

Tech Fest - Ashwamedha

Young Scientists Award

Cultural Fest

Sports

Each year, Adi Shankara Institute of Engineering and Technology hosts vibrant arts festivals that celebrate creativity and cultural diversity. These festivals feature a wide array of events, including music, dance, literature, mime, instrumental music, and drama competitions, offering students a platform to showcase their artistic talents. Renowned artists and performers are often invited to conduct workshops and judge the events, adding excitement and invaluable learning opportunities. These festivals not only highlight rich cultural heritage but also encourage students to explore and nurture their artistic passions.

The vibrant campus of Adi Shankara Institute of Engineering and Technology gets transformed into a lively hub of artistic expression and cultural celebration with the successful conduction of every arts festivals conducted with unique names. This annual college-level arts fest brought together students, faculty, and guests in a dynamic showcase of creativity and talent.

Festivals of regional and national significance, such as Onam, Kerala Piravi Day (which marks the birth of the Kerala state), and Christmas, are celebrated on campus with great enthusiasm and spirit.

YUVAA Report 2024

Inter/Intra Cultural Fest Participants

For more photos visit our gallery

Gallery

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AI Club

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Sports

Adi Shankara Institute of Engineering and Technology offers excellent sports facilities to promote physical fitness and holistic development among students. The campus boasts well-maintained grounds for football, cricket, and other outdoor sports, along with courts for basketball, volleyball, and badminton. Additionally, there is a modern gymnasium equipped with the latest fitness equipment. The institute regularly organizes inter-college sports events and tournaments, encouraging students to participate and excel in various sports disciplines.

The college sports teams have achieved notable success, securing several prestigious championships at both the state and national levels. Additionally, faculty members of ASIET have excelled in their own right, clinching first prizes in state-level tournaments for cricket and badminton. These accomplishments highlight the institution's commitment to excellence in sports and its supportive environment for both students and staff to pursue athletic achievements. The annual Sports Fest is organized every year to showcase talent and foster a spirit of sportsmanship within the student community.

Inter/Intra Sports Fest Participants

For more photos visit our Physical Education Page

Physical Education

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The IQAC, stands for the Internal Quality Assurance Cell, which is a mechanism that exists within educational institutions, specifically higher education institutions. Its primary purpose is to ensure and improve the quality of education and overall functioning of the institution. IQACs are typically established based on guidelines provided by quality assurance bodies such as the National Assessment and Accreditation Council (NAAC) in India.

At Adi Shankara Institute of Engineering & Technology (ASIET), the IQAC has been operating since 2018. It operates in close coordination with administrative heads and plays a pivotal role in coordinating activities related to quality assurance. Additionally, it facilitates institutional planning and development, as well as the dissemination of information regarding quality aspects.

Vision & Mission

Vision

To develop a self-sustained and consistent system of practices in the institution, assuring the quality of higher education through continued assessments and improvements

Mission

To manage and lead the activities pertaining to academic as well as administrative domains of the institution towards achieving academic excellence.

To serve as a catalyst for quality improvement by developing intervention strategies to address shortcomings and enhance overall quality.

Objectives

Promoting pedagogical innovation and encouraging innovative teaching practices among the staff through staff development initiatives.

Encouraging the use of e-resources and Learning Management Systems (LMS) for teaching and learning purposes.

Conducting Academic and Administrative Audits (AAA) to ensure the effective functioning of the institution.

Participating in surveys and assessments conducted by organizations like NIRF, NAAC, NBA for accreditation and rankings.

Engaging in the international accreditation process to enhance global recognition and standards.

Monitoring student progress and implementing a mentoring system for their academic and personal development.

Organizing relevant seminars, workshops, industrial visits, and educational trips for students.

Strengthening the Career Guidance and Placement Cell to enhance students' employability.

Encouraging students to excel in various sports events and promoting a culture of physical fitness.

Motivating faculty members to publish journals of international standards and adhere to UGC guidelines.

Implementing feedback systems to gather input on faculty, curriculum, institutional performance, library facilities, and hostel facilities.

Gathering feedback from parents, alumni, and employers to improve overall institutional functioning.

Organizing annual Parents-Teachers Meetings to facilitate communication and collaboration.

Engaging students in constructive and sensitive community services.

Instilling a sense of social responsibility among students, teaching, and non-teaching members by extending help to marginalized communities through outreach activities.

Sensitizing students towards national causes and nurturing their civic consciousness.

Developing linkages and facilitating collaborations with national and global universities, institutions, industry and research organizations to promote research and academic collaborations.

Organizing industry-academia meets to foster a holistic growth of academics through industry interactions.

Facilitating the expansion of revenue sources through consultancy services.

Assisting faculty members in applying to different state and central funding agencies for research projects.

Composition of IQAC

Constitution of the Cell

IQAC at Adi Shankara is constituted in accordance with the directives from the AICTE and the affiliated university of APJ Abdul Kalam Technological University, Kerala, adhering to the UGC Guidelines 2013/2018. IQAC comprises of the following members nominated from various stakeholders of the institution since May 2023.

Chairperson Dr. Murali M S, Principal Management Representative Dr. Jacob George, Senior Associate Director Administration Representative Mr. Sreenath N, Senior Manager IQAC Head Dr. Bobby Mathews C, Prof, Dean Ph.D Programmes IQAC Core Team Prof. Divya V Chandran, Sr. Asst Prof, Dept. of ECE NBA Coordinator Prof. R Rajaram, Dean Projects and Consultancy Prof. Gomathy S, Assoc. Prof, Dept. of EEE NAAC Coordinator Prof. Albins Paul, Asst. Prof, Dept. of ECE Department Representatives Prof. Anju Mary Joseph, Asst. Prof, Dept. of RA Prof. Leena C L T R, Asst. Prof, Dept. of BSH Prof. Divya K S, Sel. Gr. Asst. Prof, Dept. of CSE Prof. Teena George, Sr. Asst. Prof, Dept. of CSE Prof. Neetha K Natraj, Sr. Asst. Prof, Dept. of CSE Prof. Anila S, Asst. Prof, Dept. of CSE Prof. Asha Rose Thomas, Sr. Asst. Prof, Dept. of CSE (DS) Prof. Gayatri Dili, Asst. Prof, Dept. of CSE (AI) Dr. Hari Narayanan A G, Assoc. Prof, Dept. of MCA Dr. Vincy Devi V K, Asst. Prof, Dept. of MCA Prof. Abishek Kumar A A, Asst. Prof, Dept. of CE Prof. Eldho Mathew, Sr. Asst. Prof, Dept. of ME Prof. Majo Davis, Asst. Prof, Dept. of ME Prof. Nimmy Vijayan, Asst. Prof, Dept. of EB Prof. Renjith K R, Sr. Asst. Prof, Dept. of MBA Prof. Archana Aniyar, Sel. Gr. Asst. Prof, Dept. of ECE Prof. Prajeesh P A, Sel. Gr. Asst. Prof, Dept. of ECE Prof. Anna Baby, Sel. Gr. Asst. Prof, Dept. of EEE Dean PG Programmes Dr. Bipin P R, Prof, Dept. of ECE Dean UG Programmes Dr. Jithesh K, Assoc. Prof, Dept. of ME Dean Campus Affairs Dr. Eldhose K K, Prof & Head, Dept. of ME Dean Research Dr. Sreepriya S, Assoc. Prof, Dept. of RA Dean Ph.D Programs Dr. Bobby Mathews C, Prof, Dept. of ECE IEEE, Student Branch Counsellor Dr. Neema M, Asst. Prof, Dept. of ECE Alumni Representative Mr. Samuel Sabu Local Society Representative Ms. Vanajakumari Student Representative College Union Chairman Student Representative College Union Vice Chairman

Quality Policy & Quality Initiatives

ASIET has established an Internal Quality Assurance Cell (IQAC) for maintaining the quality of education and its continuous improvement upholding the institution's vision and mission. IQAC plays a crucial role in periodic assessments, to ensure that the institution meets and exceeds quality standards.

Focal themes of the quality policies are:

Catalyst for performance improvement: The IQAC acts as a catalyst for improving the institution's overall performance by promoting a culture of quality within the college. This includes raising awareness about internal quality and establishing credibility for external quality assessment processes

Creating quality work culture: The IQAC is committed to creating a work environment that values and assures quality. By fostering a culture of quality, the institution emphasizes the importance of maintaining high standards in all aspects of its operations.

Fair and transparent evaluation of students: The IQAC ensures that students are evaluated using defined criteria, rules, and processes on a regular basis meeting the guidelines of the affiliated university. Also ensures transparency and fairness in the assessment of students performance.

Development of staff as a professional: The IQAC focuses on implementing programs to improve the quality and competency of staff members to meet the future demands. By investing in the professional development of faculty and staff, the institution ensures that they are equipped with the necessary skills and knowledge to deliver quality education.

Resource adequacy: The IQAC ensures that the resources provided for student learning are sufficient and appropriate for each program offered. This includes facilities, infrastructure, teaching materials, and other resources necessary for effective education delivery.

Quality assurance: The IQAC establishes clear cycles and review methods for quality assurance of the college and/or its programs. This ensures that both internal and external evaluations are conducted at regular intervals and the methods used are made public.

Molding competent professionals: We are committed to mold totally competent professionals with ingenuity, adaptability, social commitment and ethical & spiritual values by creating a congenial academic ambience that kindles innovative thinking. The policy aims in developing and preparing generations ahead to take up challenges.

Quality Initiative Reports

2022-2023 2021-2022 2020-2021 2019-2020 2018-2019

OBE Manual

2024-2025 2023-2024 2022-2023 2021-2022 2020-2021 2019-2020 2018-2019

Annual Report

Annual Report

Annual Report

Annual Report

Annual Report

MoM & Action Taken Report

2022-2023 2021-2022 2020-2021 2019-2020 2018-2019

Academic Calendar

B.Tech S3/S5/S7

B.Tech S3/S5/S7 M.Tech-S3/MBA-S3/MCA-S3

Audit Report

Gender equality, equality between men and women, entails the concept that all

human beings, both men and women, are free to develop their personal abilities and make choices without the limitations set by stereotypes, rigid gender roles and prejudices. Gender equality means that the different behaviour, aspirations and needs of women and men are considered, valued and favoured equally. It does not mean that women and men have to become the same, but that their rights, responsibilities and opportunities will not depend on whether they are born male or female. Gender equity means fairness of treatment for women and men, according to their respective needs. This may include equal treatment or treatment that is different but which is considered equivalent in terms of rights, benefits, obligations and opportunities.

2022-2023 2021-2022 2020-2021 2019-2020 2018-2019

Feedback Mechanism

At Adi Shankara Institute of Engineering & Technology, we prioritize feedback from our college community as it significantly contributes to our commitment to excellence in education. Our inclusive feedback mechanism is designed to capture insights from all members of our community: students, parents, staff, alumni, and employers.

Stakeholders - Students, Parents and Staff:

Our advanced ERP software incorporates an integrated feedback collection system, specifically designed for the convenience of our current students, parents, and staff. This system enables prompt and pertinent feedback, ensuring continuous alignment with the needs and aspirations of our college community.

To provide your feedback, please visit our ERP Portal

For Alumni:

We deeply value the experiences and insights of our alumni. We encourage you to share your thoughts and feedback through either our dedicated Google Form or a printed hardcopy form. Your perspectives on how our curriculum prepared you for your career and your overall experiences at our college are of great importance to us.

To provide your feedback, please go through the Alumni Feedback Google Form

For Employers:

Employers' feedback is crucial for assessing the effectiveness of our curriculum and the preparedness of our graduates for the professional world. We invite employers to provide their insights and suggestions through our dedicated Employer Feedback Form. Your input assists us in continuously enhancing and aligning our academic programs with industry standards.

To provide your feedback, please go through the Employer Feedback Google Form

Our Responsibility:

At Adi Shankara Institute of Engineering and Technology, we prioritize continuous improvement by actively seeking and utilizing valuable feedback. Our aim is to cultivate an environment that fosters growth, innovation, and excellence, with your feedback playing a pivotal role in this endeavour. We deeply appreciate your time and contributions, which are instrumental in shaping a brighter future for our students and our college community.

Stakeholder Feedback Analysis Reports

2022-2023 2021-2022 2020-2021 2019-2020 2018-2019

Action Taken Reports on Stakeholder Feedbacks

2022-2023 2021-2022 2020-2021 2019-2020 2018-2019

NBA

Five B.Tech programs of the institution are accredited by National Board of Accreditations, India (NBA).

Program Status Certificate Computer Science and Engineering Electronics and Communication Engineering Electrical and Electronics Engineering Mechanical Engineering Accredited upto 30. 06. 2025 2018-2021 2021-2022 2022-2025 Civil Engineering Accredited upto 30. 06. 2027 2024-2027

NBA Certificates

NBA 2018-2021 NBA 2021-2022 NBA 2022-2025 NBA 2024-2027 - CE

NAAC

NAAC Website

IIQA Declaration

NIRF

ARIIA

Institutional Policies

HR Policy Anti Ragging Policy IT Policy Admission Policy Green Campus Policy Water Conservation Policy Waste Management Policy Career Guidance Policy Consultancy Policy Divyangjan Policy E-Governance policy Energy Policy Examination Grievance Redressal Policy Feedback Policy Finance Policy Gender Equity Policy Safety Policy Grievance Redressal Policy Student Welfare Policy Human Values and Professional Ethics Policy Innovation Startup Policy Internship Policy Scholarship Policy Maintenance Policy Mentoring Policy Purchase Policy Research Policy

Perspective Plan & Deployment

The Adi Shankara Institute of Engineering & Technology was established with the intention of offering value-added technical education that inculcates in the student professional excellence and ethical values. The institution is managed by the Adi Sankara Trust, a registered organisation which has made a name for itself in the field of education. For more than 50 years, the trust has successfully run different types of educational institutions.

The college, which was established in 2001 and skillfully maintained by the Sringeri Mutt with the benign blessings of His Holiness Sri Sri Bharathi Theertha Mahaswamiji, is committed to maintaining a proactive approach to ensure the students' holistic development.

2017-2037 Rev. 2022-2037

Best Practices Successfully Implemented by the Institution

I. Excelling in Innovation, Incubation and Entrepreneurship

Objectives: The practice aims to foster an entrepreneurial culture by instilling a research and innovation-driven mindset among students, faculty, alumni, and external startups. It involves conducting innovation-focused activities, organizing workshops and seminars with entrepreneurs and investors, creating mentorship schemes, and networking with national entrepreneurship organizations. The initiative includes an incubator dedicated to developing technologies with

societal and environmental benefits, particularly for rural empowerment. It also provides facilities for prototype development and IPR registration and hosts hackathons and competitions with industry involvement.

Context: With support from central and state governments, and AICTE, higher education institutions must encourage students to transform innovative ideas into marketable products. ASIET supports this by establishing a Centre for Innovation, Incubation, and Entrepreneurship, which includes a Fabrication Lab, Innovation Entrepreneurship Development Cell, Business Incubation Facility, LEAP Centre, IPR Cell, and Industry Institute Partnership Cell. These facilities offer pre-incubation, incubation, and acceleration programs to advance entrepreneurial efforts.

Practice: ASIET's policy promotes campus-driven innovations through various bodies, including IEDC and TBI. These organizations support idea development, offer mentorship, and facilitate early-stage startups. The Fab Lab enables rapid prototyping and interdisciplinary collaboration, while the IIPC bridges academia and industry, and the IPR Cell safeguards intellectual property.

Evidence of Success: Notable achievements include 10 entrepreneurs, 12 startups, 56 patent applications, and multiple awards and recognitions, such as the "TOP PERFORMER AWARD 2019-20" from Kerala Startup Mission. ASIET has also developed essential products during the pandemic, including automatic hand sanitizer units and ventilators.

Challenges and Resources: Identifying and nurturing potential entrepreneurs remains challenging, with many students preferring employment over entrepreneurship. Government policies and educational reforms are needed to better support aspiring entrepreneurs.

IEDC TBI FAB LAB IIC IPR CELL IIPC

II. Fostering Professional Growth and Student Excellence Through Society Chapters

Objectives: This initiative aims to advance engineering and technology knowledge through technical and humanitarian activities, facilitate networking and community engagement, support R&D, promote ethical conduct, and assist in career planning, placements, and internships.

Context: ASIET strives to be a Center of Excellence by enhancing student skills through various professional societies, including IEEE, IEI, CSI, SEEM, ASME, ISME, ISA, Robotics Society, BMESI, ICI, and ISTD. These chapters offer platforms for students to interact with professionals, participate in workshops, seminars, and conferences, and develop leadership and teamwork skills.

Practice: Established IEEE SB ASIET (2011) and other chapters, such as IEI (2018), CSI, SEEM, and ASME, conduct skill development programs, technical competitions, and seminars. Newer chapters like BMESI (2024) and ICI (2023) focus on emerging technologies and industry needs.

Evidence of Success: Achievements include multiple IEEE awards, significant grants, and national recognitions, such as the SEEM Silver Award and IEI scholarships. Student projects and innovations have also received accolades.

Challenges: The semester system limits time for participating in society activities, affecting student engagement.

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Code of Conduct

Code of Conduct

Institutional Distinctiveness

Moulding Professionals with Social Commitment

Objective: ASIET integrates academic excellence with social service, inspired by Sree Sankaracharya's teachings. The Social Service Cell fosters holistic student development through initiatives like NSS, Bhoomithrasena Club, 'Home for Homeless,' and 'Vidyuth,' aligning with the institute's vision of nurturing professionals with social and ethical values.

Promoting Values: ASIET emphasizes understanding social and environmental issues, with engineering departments engaging in community-oriented projects and consultancy for local and government agencies. The NSS unit, active since 2015, collaborates with various organizations for public awareness, cleanliness drives, medical camps, and skill development programs. It has received national recognition for its contributions, including the NSS National Award in 2021.

Bhoomithrasena Club: This club focuses on environmental protection, conducting activities like pond renovation and tree plantation. ASIET's participation in the Swachh Bharat Internship Program and Paristhithikam project demonstrates its commitment to sustainability.

Punarjjani Project: This initiative repairs biomedical equipment and infrastructure in government hospitals, benefiting the underprivileged. It has restored facilities across multiple hospitals.

Home for the Homeless: ASIET, with NSS, Alumni Association, and staff, built homes for families affected by heavy rain.

Vidyuth: Launched in 2013, this project provides electricity to economically disadvantaged families, improving their quality of life.

Response to Flood and COVID-19: ASIET actively participated in flood relief efforts and contributed to COVID-19 response by providing sanitizers, ventilators, and essential supplies.

Honoring Adi Shankaracharya and situated at his birthplace, ASIET's social service initiatives embody its dedication to education and cultural heritage, promoting both intellectual and social development.

National Service Scheme

NSS NSS Activity 2018-19 NSS Activity 2019-20 NSS Activity 2020-21 NSS Activity 2021-22 NSS Activity 2022-23

Vidyuth

Vidyuth Report

Response to Flood

Response to Flood Report

Response to Covid

Response to Covid

Punarjjani

Punarjjani Report

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Home for Homeless Report

Rejuvenation of Canal

Rejuvenation of Canal Report

Library Renovation

Library Renovation Report

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To assist the development of graduates with balance to set of technical skills, interpersonal skills and a positive attitude towards life.

To act as a nodal agency in the institution for giving technology alliance between the industry and the institute.

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Nationality: Candidates must be citizens of India.

Age: Applicants should have completed 17 years of age on 31st December 2024.
Exemptions are NOT allowed.

Academic Requirements: Applicants should have passed Higher Secondary Examination of the Board of Higher Secondary Education of Kerala or an examination recognized equivalent thereto with at least 45% marks in Physics, Chemistry and Mathematics (PCM) put together (regulations as per KEAM Prospectus 2024). Rounding off of the percentage of marks to the nearest whole number is not permitted.

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[Nationality:](#) Candidates must be citizens of India.

[Age:](#) Applicants should have completed 17 years of age on 31st December 2024.
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[Academic Requirements:](#) Applicants should have passed Higher Secondary

Examination of the Board of Higher Secondary Education of Kerala or an examination recognized equivalent thereto with at least 45% marks in Physics, Chemistry and Mathematics (PCM) put together (regulations as per KEAM Prospectus 2024). Rounding off of the percentage of marks to the nearest whole number is not permitted.

Entrance Examination: Candidates should qualify in the Engineering Entrance Exam conducted by the Commissioner of Entrance Exams, Govt. of Kerala.

Criteria of Eligibility for Admission (in Government quota)

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Nationality: Candidates must be citizens of India.

Age: Applicants should have completed 17 years of age on 31st December 2024.
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Criteria of Eligibility for Admission (in Government quota)

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Age: Applicants should have completed 17 years of age on 31st December 2024.
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Eligibility

The candidates shall be an Indian National

The candidate should have B.Tech. Degree in the appropriate branch of APJ Abdul Kalam Technological University or bachelor's degree in Engineering from another University approved by AICTE/UGC approved Deemed Universities in India and recognized to be eligible for higher studies by APJAKTU.

In case of candidates who have completed the Graduate Engineering course in foreign universities, an equivalency certificate from A.P.J. Abdul Kalam Technological University is to be produced

The candidate should have a minimum CGPA of 6.0 in a 10 point scale in the Engineering Degree Examination. For SEBC (OBC) students, the minimum CGPA requirement is 5.5 in a 10 point scale. Wherever the credit system is/was followed, only CGPA will be considered for selection. If the candidate has obtained the bachelor's degree in Engineering from a University where credit system is/was not followed, he/she should have a minimum of 60% aggregate marks (For SEBC /OBC students, a minimum of 55% aggregate marks in the Engineering Degree examination is mandatory). For SC/ST candidates a pass in the Engineering Degree Programme is sufficient.

In case the CGPA by any University is mentioned on a scale other than 10 point, then the corresponding CGPA will be proportionally scaled to 10 point scale.

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 AMIE/AMIETE examination.

Sponsored candidates from Industries, R&D organizations, National Laboratories as well as Educational Institutions, with a bachelor's degree in Engineering are eligible for admission to the M.Tech Programme

Candidate for sponsored quota must have a minimum experience of three years in the relevant field and must be sponsored by University or Industry/Teaching/Research Organizations of Centre/State Government/Private or by Private Engineering Colleges approved by AICTE. A special fee will be levied on the sponsored candidates. Such candidates may opt for admission into a programme recommended by the sponsoring institute/organization.

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ADI SHANKARA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Selection Criteria

Selection will be based on degree examination mark, valid entrance score and GD & personal interview.

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KMAT online application start date : 6 Jan 2024

Last date of KMAT application form submission : February 2024

Admissions are open. Applications can be filled in college portal

Prof. Shaji Mohan

Adi Shankara Business School

hod.mba@adishankara.ac.in

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Prof. Renjith K R

Adi Shankara Business School

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BUSINESS SCHOOL ADMISSIONS

MBA 2 Year Full time

Specializations : Finance, Human Resource Management, Marketing & Operations Management

Add-on Certification Courses

1.Business English Communication, Cambridge University.

2.Microsoft Excel

3.Business Analytics

4.Logistics & Supply Chain Management.

5.Digital Marketing.

PhD in Management

Adi Shankara Business School is an approved centre of APJ Abdul Kalam Technological University.

MBA

Any Bachelor's degree or Masters degree recognized by the University, in any discipline with minimum 50% marks in aggregate. Final year students can also apply. For SC/ST candidates, eligibility as per Kerala Government and University norms.

Students should obtain a valid CMAT/CAT/KMAT score (The minimum qualifying cut off marks of KMAT shall be 10% (72/720) for General Category. The minimum cut off for SEBC/OBC will be 10% (72/720) and 7.5% (54/720) for SC/ST)

Selection Criteria

Selection will be based on degree examination mark, valid entrance score and GD & personal interview.

content will update soon

Content will update soon..

KMAT online application start date : 6 Jan 2024

Last date of KMAT application form submission : February 2024

Admissions are open. Applications can be filled in college portal

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Adi Shankara Business School

hod.mba@adishankara.ac.in

Mob: +91 9645093276

Prof. Renjith K R

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MCA 2 Year Full time

MCA (Two Year)-60 Seats

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Admission Criteria: The selection process may vary as per ASC (Admission Supervisory Council) MCA Admission Regulations year to year.

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Have a valid score in the LBS Entrance Examination for the respective academic year.

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Have at least 50% marks in the basic degree.

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Selected candidates have to remit the prescribed fees immediately through the college ERP system or College bank account.

Submit all original certificates upon joining.

If you're in your final year, provide your Transfer Certificate (TC) and final year degree certificates before classes start (dates will be on the college website).

Students admitted into a course cannot leave or discontinue it after starting classes without stating valid reasons.

Refund policy: As per Government and AICTE norms.

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500.00	3	Caution Deposit (Refundable-one time)	10000.00	4
Laboratory Consumables (One time)	700.00	5	Sports and Cultural Activities (One time)	1000.00
6	Placement	2500.00	2500.00	7
University Affiliation(One time)	4400.00			
Total *	69100.00	52500.00		

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Selected candidates have to remit the prescribed fees immediately through the college ERP system or College bank account.

Submit all original certificates upon joining.

If you're in your final year, provide your Transfer Certificate (TC) and final year degree certificates before classes start (dates will be on the college website).

Students admitted into a course cannot leave or discontinue it after starting classes without stating valid reasons.

Refund policy: As per Government and AICTE norms.

content will update soon....

Fee Structure for MCA Admission (Year Wise)

Sl No	Particular	Year Wise I Year Amount(Rs)	II Year Amount(Rs)
1	Tuition Fee	50000.00	50000.00
2	Admission Fee (One time)	500.00	
3	Caution Deposit (Refundable-one time)	10000.00	
4	Laboratory Consumables (One time)	700.00	
5	Sports and Cultural Activities (One time)	1000.00	
6	Placement	2500.00	2500.00
7	University Affiliation(One time)	4400.00	
Total *		69100.00	52500.00

University Exam Fee, Uniform Fee and Hostel Fee Extra

AdiShankara Institute of Engineering & Technology

Vidya Bharathi Nagar, Mattoor, Kalady – 683574

Ernakulam District. Kerala

Official Website: www.adishankara.ac.in

E-Mail – info@adishankara.c.in

For further details contact:-0484-24631933, 2466066

Dr. Hari Narayanan A G

Associate Professor

Department of Computer Applications

Ph - 9447985508

Dr. Sneha Prakash

Assistant Professor

Department of Computer Applications

Ph - 9946579904

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College Code:

Admission

Boys Hostel Admissions

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Boys Hostel Admissions

College provides separate hostel facility for first year and higher semester students. Adi Shankara Senior Boy's hostel is built in three floors and accommodates 2nd, 3rd, 4th year B.tech students and PG students. This hostel can provide accommodation facility for one hundred and ninety inmates. It has 56 rooms with 4 per room facility and four spacious dormitories. It also includes 8 faculty rooms with attached bath facility. The institute also provides separate hostel facility for first year boy's with a total accommodation capacity of 150. There is one senior faculty as Hostel warden, one resident hostel warden and a resident tutor faculty for maintaining discipline and facilitating a learning atmosphere in hostel.

Ragging is strictly prohibited in any form; if someone is found guilty, severe action will be taken.

Students during their stay in the hostel will be governed by the hostel management rules.

Study time (8.00pm onwards) proper silence should be maintained.

Mobile phone usage after 8.00PM is not allowed.

Students are not allowed to consume alcoholic, narcotic drugs or any intoxicating substance in the hostel premises.

Students should not keep any unauthorized property and unauthorized guests in his/her room. Students other than hostlers must leave the hostel before 6.30pm.

No person, either guest or otherwise shall be permitted to stay overnight in any part of the hostel.

In case, guests want to stay overnight in the hostel, he/she should take permission from warden on or before 6.30pm.

Students are not allowed to take common newspapers to their room at any time.

Students should handle hostel equipment, furniture, mess property carefully and not abuse or tamper with it. If so then applicable fine will be charged by the hostel management.

Students have to use water and electricity judiciously.

If fan, tube, etc. found ON in the absence of the students at their rooms, fine will be charged by the hostel authorities.

Students will not enter rooms of other students during study time.

Every case of illness and accident must be reported immediately to the hostel authorities.

No function or celebration shall be organized at hostel premises except with the permission of the Warden.

Keep the hostel rooms, area etc neat and clean always.

Drying of clothes should be at the places earmarked for the purpose.

Hostel accommodation (room) can be changed by the management if they found it necessary at any point of time.

Students indulging in use of abusive and threatening language, physical fights, use of force to get unfair act accomplished, etc. will be punished. Further, they are liable to be expelled from the hostel/ Institute.

Playing music/record player etc. loud enough to cause disturbance to his/her neighbor(s) is prohibited. Defaulters will be punished.

Recreational facilities like TV, Gym, T.T, badminton ...etc. can be used by hostel inmates from 4.30 to 7.30pm.

During college hours students should not stick around in the hostel.

Students can leave the hostel, if necessary, only after making entry in the prescribed register and getting written permission from the Warden or a staff authorized by him. Unauthorized leaving will be viewed seriously and disciplinary action will be taken against the defaulters.

All the inmates of the hostel must be present without fail at the time of roll-call. Non compliance will be viewed seriously.

Hostel customs are common sense practices. Offensive behavior to be avoided.

All students to adhere the hostel rules and regulations and also the instructions passed on from time to time by the hostel authorities

Dr. Eldose K.K, Chief Warden (Mobile: +91 9847664564)

Dr. Subiramoniyan S, Resident Warden (Mobile: +91 9790120284)

Dr. Sivaprasad P V, Resident Warden, 1st year Boy's Hostel (Mobile: +91 9447163865)

Mr. Harikrishnan, Matron, 1st year Boy's Hostel (Mobile: +91 9745203849)

Mr. Pushpadas, Matron, Senior Hostel (Mobile:+91 7909112181)

Tel: 0484-2463825, 2466066, 2461933

HOSTEL ADMISSION - FEES PAYABLE AT THE TIME OF JOINING SL NO PARTICULARS RATE
1 Admission Fee 500.00 2 Establishment Fee 4000.00 3 Caution Deposit (Refundable at the end of course period) 5000.00 4 Rent Advance (Refundable at the end of course period) 1500.00 5 Mess Advance (Refundable at the end of course period) 3000.00 6 Non A/c Accommodation Charges (Yearly) 24000.00 Non A/c Total 38000.00 7 A/c Accommodation Charges (Yearly) 29000.00 A/c Total 43000.00 8 Refund Details - At the end of course period (SL NO 3+4+5) 9500.00 9 Mess Charges 130 per day* For Monthly Accommodation for other Institutions 10 Rent 2000.00 11 Mess fee monthly 4030.00 Total 6030.00

Mess Cut

Hostel inmates are required to stay in Hostel throughout the period. On normal holidays like Saturday/Sunday, no mess cut is allowable. However, if an inmate takes continuous leave for more than three days (ie four days and more) on medical grounds, mess cut is allowable, provided the student requests in writing before availing the leave. If the college remains closed due to declared holidays (other than on Saturdays and Sundays), a mess cut is allowable if the student inform his intention in writing before leaving home.

Each floor has a resident warden from teaching staff

Round-the-clock WiFi connectivity

Seperate reading rooms on each floor

Common room for Television

Badmintion Court

Volley Ball Court

Football Field

Table Tennis

Gym Facility

Carrom board, Chess board

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College Code:

Admission

Girls Hostel Admissions

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Girls Hostel Admissions

We provide separate hostel facilities for the Lady Students which can accommodate more than 300 students. The ladies hostel offers a choice of rooms, including both air-conditioned (AC) and non-air-conditioned (Non-AC) options. Facilities are available with rooms of varying capacities, including rooms that can accommodate 3, 4, or 5 individuals. There are separate reading rooms on each floor and a common area provided for watching television. For managing hostel activities, three residential wardens and two matrons are available in the hostel on all working days. Security person ensures the safety of the residents 24x7. Four sanitation workers are available on Monday to Saturday (8.00 AM to 5.00 PM)

Keep silence in the Hostel.

Mobile phone usage after 8.00PM is not allowed.

Closing door at the time of studies

The talk, songs, conversations, discussions etc should not be a nuisance to the other inmates, especially to the roommates.

Keep the hostel rooms, area etc neat and clean always.

Bed should be properly laid by individual students before leaving to the classes.

Drying of clothes should be at the places earmarked for the purpose.

Do not throw the waste here and there. Put them in the dust bin/basket meant for that purpose.

Do not disposition, damage or disfigure the hostel properties like building, ancillaries, furniture, equipment etc.

All students will take fire precautions when they are in the hostel/classes.

Switch off the lights, fans etc when they are not in use.

Water is precious. Conserve it. Close the tap immediately after the use.

Hostel customs are common sense practices. Offensive behavior to be avoided.

Students can leave the hostel, if necessary, only after making entry in the prescribed register and getting written permission from the Warden or a staff authorized by him. Unauthorized leaving will be viewed seriously and disciplinary action will be taken against the defaulters.

Ragging is strictly prohibited.

Guests/Parents/Friends and day scholars are not allowed in the hostel especially to the living rooms. They will be attended to in the visitor's room by providing time.

All the inmates of the hostel must be present without fail at the time of roll-call. Non compliance will be viewed seriously.

Mess timings fixed shall be strictly adhered to.

Taking food from unauthorized sources is strictly forbidden. Inmates should take food only from the College Canteen/Mess while they are in hostel.

Students shall utilize the recreation facilities of the hostel between 4.15 P.M. to 7.30 P.M.

During college hours students should not stick around in the hostel.

All students to adhere the hostel rules and regulations and also the instructions should be passed on from time to time to the hostel authorities.

Prof. Archana Aniyar, Chief Warden (Mobile No: +91 9446944885)

Prof. Veena S Kumar, Resident Warden (Mobile No: +91 9496537955)

Priya Jayakumar, Matron (Mobile No: +91 8848493720)

Valsa Thomas, Matron (Mobile No: +91 9747013405)

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More than 300 students' accommodation for girl students

3 Guest Faculty Room

Each floor has a resident warden from teaching staff

Round-the-clock WiFi connectivity

Seperate reading rooms on each floor

Common room for Television

Badmintion Court

Carrom board, Chess board

Laundry service

Mess with dining area

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Research @ ASIET

The Research Cell at Adi Shankara Institute of Engineering and Technology (ASIET) is dedicated to fostering a robust research environment that encourages innovation and scholarly excellence. Our mission is to support and enhance research activities across various engineering and technology disciplines, promoting interdisciplinary collaboration and contributing to the advancement of

knowledge and technology.

Objectives

Promote Research Excellence: Encourage high-quality research that addresses real-world engineering and technological challenges.

Interdisciplinary Collaboration: Facilitate collaborative research projects across different engineering departments and fields of study to leverage diverse expertise and perspectives.

Student Engagement: Engage students in research activities to enhance their academic experience and prepare them for careers in research and development.

Funding and Resources: Provide access to funding opportunities, state-of-the-art facilities, and resources to support research initiatives.

Innovation and Entrepreneurship: Support the translation of research findings into innovative products, services, and start-ups through collaboration with the institute's incubation center (IIC), Industry-Institute Partnership cell (IIPC), and IEDC.

Key Activities

Research Projects and Grants: Assist faculty and students in identifying and securing research grants from national and international funding agencies. Provide guidance on proposal writing and project management.

Workshops and Seminars: Organize workshops, seminars, and conferences to disseminate research findings, share knowledge, and foster collaboration among researchers.

Publication Support: Encourage and support the publication of research findings in reputed journals and conferences. Provide resources and guidance on manuscript preparation and submission.

Collaborative Research: Facilitate partnerships with other academic institutions, research organizations, and industry to promote collaborative research projects.

Intellectual Property and Patents: Assist researchers in protecting their intellectual property through patents and copyrights. Provide support for patent filing and commercialization of research outcomes.

Mentorship and Training: Offer mentorship and training programs for novice researchers, helping them develop their research skills and navigate the research process.

Research Cell Report

Area of Research Faculty

Name of Faculty	Department	Area of Research		
Dr. Parameswaran	TG	Civil Geo		
Environmental Engineering	Ms.Chithralekha V Dev	Civil Structural Engineering		
Dr.Dhanasekar K	Civil Water Resources Engineering	Ms.Veena S Kumar	Civil	
Environmental Geotechnology	Ms.Anna Varghese	Civil Geotechnical Engineering	Dr.	
A N Swaminathen	Civil ConcreteTechnology	Ms. Harshananda T N	Civil Environmental	
Engineering	Ms.Clydin P A	Civil Structural Engineering	Ms.Rosmin Thomas	Civil
Transportation Engineering	Mr. P V Rajaraman	CSE AI Natural Language Processing, Image Processing, Artificial Intelligence, XAI.	Dr. Binju Saju	CSE AI Machine Learning, Deep Learning, Image Processing
Asha Rose Thomas	CSE AI Generative Artificial Intelligence	Remya Raveendran	CSE AI Deep Learning with Responsible AI, Federated ML, Domain Adaptation	
Amrutha Muralidharan Nair	CSE AI Security in cloud computing	Sabitha M G	CSE AI Machine learning, Artificial Intelligence	

Revathy Prasannan CSE AI Artificial Intelligence, XA Dr. Manesh T CSE Cybersecurity, Digital Forensics, Wireless Security R. Rajaram CSE IoT, Software Automation Dr. P. Sojan Lal CSE Solid Modeling Ms. T. Sobha CSE Biomedical Image Analysis Dr. Sanaj M S CSE Bio inspired computing / Cloud Computing Ms. Divya K S CSE Bio-Medical Image Analysis Using deep learning Ms. Neetha K Nataraj CSE Bio Inspired Algorithms Raghi R Menon CSE Deep Learning Teena George CSE Machine Learning, IOT Ms. Gripsy Paul CSE Image analytics Ms. Rosemary Varghese CSE Deep Learning Ms. Anila S CSE Cyber Forensics and Information Security Mr. Nikhil Narayanan CSE Natural Language Processing Ms. Shyama R CSE Machine Learning, Medical Image Processing Sumesh C Raman CSE Connectivity, Machine Learning Mr. Prabhu M CSE Block Chain Ms. Sreedevi R Krishnan CSE Deep Learning Mr. Eldhose P. Sim CSE Data Analytics Mr. Sharika T R CSE Sentiment Analysis Mr. Wilson Joseph C CSE Internet of Things & Artificial Intelligence Ms. Jithi P V CSE Visual Cryptography Ms. Reshma M R CSE Computer Vision Dr. Shyni Shajahan CSE Image Processing Akshaya Jayaraj CSE Machine Learning, Data Science Dr. Deepa Devassy CSE Networking, IoT, Optimization Ms. Chinnu Maria Varghese CSE Machine Learning Dr. Bobby Mathews C ECE Fiber Optics and Photonics Dr. Bipin P R ECE Signal Processing Dr. Ajay Kumar ECE Internet of Things Sreekanth K S ECE Opto Electronics And Optical Communication Dr. Resmi N C ECE Wireless Communication Dr. Ramu R ECE Biomedical Signal Processing Remya Ramesh ECE Image Processing Prajeesh P A ECE VLSI & Embedded Systems Archana Anian ECE Communication Savitha Raghavan ECE Biomedical Image Processing Neethu Suman ECE Wireless body areanetwork Divya V Chandran ECE Satellite Image Processing Aswathy N ECE VLSI Neetha K ECE Wireless Communications Albins Paul ECE Image Processing Neema M ECE Wireless Communications Arya Paul ECE IoT Prasanth P Menon ECE Optical fiber Communication Anju George ECE VLSI Design Jaimy James ECE VLSI & Image compression Reshma Lakshmanan ECE Flexible Antenna Design Dr. Anagha E G ECE Photonics and Optical Communication Manesh V M ECE Deep Learning Dr. Deepa Sankar EEE Power Electronics for Renewable energy and Electric Vehicle Ms. Gomathy S EEE Projects in renewable energy resources, electric vehicles Speed control of motors Dr. Jeny Paul EEE Power quality, renewable sources, electric vehicle, embedded system Ms. Anitha P EEE Projects based on renewable resources, energy harvesting methods, green technologies, with social & economic impact Dr. Babu Paul EEE Electrical Machines Dr. S. Subramoniyam EEE Power system, controller for Wind electric conversion system, optimisation, and unit commitment problem in power system Ms. Rajalakshmy S EEE Projects based on machines, Renewable energy Ms. Anna Baby EEE Power Systems Ms. Ashna Mohan EEE Power System, Distributed Generation, Micro Grid and Grid Connected Inverters Ms. Rajitha A R EEE Battery Management system for Electric vehicle, EV battery charging System Ms. Remya K P EEE Power Converters Ms. Hima T EEE Guidance, navigation and Control of robotic vehicles, UAVs Mr. Alan Mathew George EEE MPPT methods with an enhanced algorithm Dr. Sreena Sreekumar EEE Renewable Energy, Electric Vehicle, Power system planning and analysis Mr. Sijo George EEE Power quality, Energy management Mr. Sreehari S. EEE Power Electronics & Renewable Energy Ms. Akhila K EEE Projects of social relevance, AI and ML based projects, projects related to technologies for smart grid including smart metering, data analytics and AI for smart grid Dr. Eldose K. K ME Optimisation & industrial engineering Dr. Jithesh K ME Hot corrosion, Welding, Thermal Spray Coating, Additive Manufacturing, 3D Printing Dr. Vinay Varghese ME Machining, coatings, additive manufacturing Dr. Nidhin Raj ME Machining, Casting, Alloy development, Additive manufacturing, Metallurgy Dr. Vinay T V ME Design and development of micro-bot to traverse through micro channels Dr. Sivaprasad P V ME Machining Process Optimization, 3D Printing, Design and Fabrication of Usable Products Dr. Rahul S Arackal ME Thermal, and Fluids Engineering Mr. Leo Francis ME Soft computing Technique, Design Mr. Jithesh S R ME Friction stir welding, Robotics Mr. Eldho Mathew ME Nano fluids preparation Mr. Majo Davis ME Advancement in refrigeration system Mr. Sandeep O S ME Manufacturing+ Additive manufacturing Mr. Goutham S ME CFD Mr. Ajith M S ME Manufacturing+ Industrial Engineering+ Management Mr. Eldhose K Joy ME Bio fuels, Renewable Energy Mr. Arun P Das ME Conventional machining + Additive Manufacturing, Design Mr. Kiran K S ME Design and fabrication area Dr. Sreepriya S RA Development of Soft computing techniques and their application in design of robust and adaptive nonlinear controllers for real time applications Dr. Vinila M L Mathematical Modeling and Multiscale modeling of nonlinear systems, Controller design based

on Robust control strategies Mr. Sreedeeep Krishnan Research domain pertains to applications of Computer vision in agriculture sector to increase the yield, Other domains of interest include drones, autonomous tractors and robotic manipulators Mr. Ranjeesh R Chandran Assistive soft wearable Robot for patients with anti-disability using deep learning techniques Dr. Julia T J Renewable energy conversion systems, and advanced control of power electronic converters, Integration of renewable energy sources, on-grid or off grid, particularly wind energy systems Dr. Athira M Thesis domain pertains to grid tied inverter control and study of microgrid stability in deregulated power system, Research interests includes the modelling of systems and soft computing and optimization techniques for controllers, in general Ms. Anju Mary Joseph Embedded system, Machine learning Mr. Arun Kumar K Understanding and exploiting the underlying principles of Lagrangian mechanics to model, analyze, and control the intricate motion dynamics of robotic systems Mr. Philip C Jacob IOT and Industrial Automation Ms. Jeeshma Mary Paul Research includes power electronic converters and their control for adjustable speed drives for industrial applications and electric vehicles, Also interested in multilevel multiphase induction motor drive and control of four-leg inverters. Ms. Safeena M K Design and analysis of "StewartPlatform", a parallel manipulator with six degrees of freedom (DOF) for robotic applications demanding greater precision and accuracy, The main objection to the implementation of closed loop control in Stewart Platform is its difficulty in solving the forward kinematics

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Dean School of Computing - Strategic Planning - ASIET

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Dr. Ajay Kumar

Associate Professor & HOD

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Professor, Dean PhD programmes

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Dr. Bipin P R

Professor

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Electrical & Electronics Engineering

Dr. Deepa Sankar

HOD & Associate Professor

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Dr. Tony George

Associate Professor [On Leave]

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Electronics and Biomedical Engineering

Dr. Silpa P A

Assistant Professor

[View Details](#)

Mechanical Engineering

Dr. Vinay Varghese

Associate Professor

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Robotics and Automation

Dr. Sreepriya S

Dean - Research and Associate Professor

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[Dr. Dhanasekar K](#)

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Assistant Professor

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Computer Science & Engineering

Dr. P. Sojan Lal

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Dean-CSE

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Associate Professor

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Dr. Ramani Bai V

Professor & HOD

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Dr. Sanaj M S

Associate Professor

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Dr. Deepa Devassy

Assistant Professor

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Dr. Shyni Shajahan

Assistant Professor

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Computer Science and Engineering (Artificial Intelligence)

Dr. Binju Saju

Assistant Professor

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Dr. Amrutha Muralidharan Nair

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Dr. S Subiramonian

Associate Professor

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Dr. Sreena Sreekumar

Associate Professor

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Electronics and Biomedical Engineering

Dr. Remya George

Associate Professor & HOD

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Dr. Lakshmi M Hari

Assistant Professor

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Dr. Silpa P A

Assistant Professor

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Dr. Surya D

Assistant Professor

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Mechanical Engineering

Dr. Eldose K K

Professor, HOD & Dean

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Dr. Jithesh K

Associate Professor

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Dr. Vinay Varghese

Associate Professor

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Dr. Sivaprasad P V

Associate Professor

[View Details](#)

Dr. Nidhin Raj A

Associate Professor

[View Details](#)

Dr. Rahul S Arackal

Assistant Professor

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Dr. Vinay T V

Assistant Professor

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Robotics and Automation

Dr. Sreepriya S

Dean - Research and Associate Professor

[View Details](#)

Dr. Vinila M L

Associate Professor & HOD

[View Details](#)

Dr. Julia T J

Associate Professor

[View Details](#)

Dr. Athira M

Associate Professor

[View Details](#)

Business School

Dr. Anitha Thomas

Associate Professor (on leave)

[View Details](#)

Dr. Madhu C S

Professor

[View Details](#)

Placement & Professional Training

Dr. Santharamrao C P

Dean Placement cell

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Basic Science & Humanities

Dr. Jayasree T G

Associate Professor & HOD

[View Details](#)

Dr. Ganga Devi T R

Associate Professor

[View Details](#)

Dr. Jini Varghese P

Associate Professor

[View Details](#)

Dr. Anand Krishnamoorthy

Associate Professor

[View Details](#)

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Patents

Research Scholars

Sl No Name Field of Research Discipline/Subject 1 Divya K S Ph.D in Engineering/Technology/Architecture Communication / Wireless 2 Gripsy Paul Mannickathan Ph.D in Engineering/Technology/Architecture Computer Science and Allied Branches 3 Neetha K Nataraj Ph.D in Engineering/Technology/Architecture Computer Science and Allied Branches 4 Alan Mathew George Ph.D in Engineering/Technology/Architecture Electrical Engineering and Allied Branches 5 Remya K P Ph.D in Engineering/Technology/Architecture High Gain Converter 6 Hima T Ph.D in Engineering/Technology/Architecture Guidance and Control of Aerospace Vehicles 7 Rajitha A R Ph.D in Engineering/Technology/Architecture Performance Improvement of Liion Battery 8 Ashna Mohan Ph.D in Engineering/Technology/Architecture Fault Ride Through Capability of Three Phase Grid Connected Inverters 9 Neethu Suman Ph.D in Engineering/Technology/Architecture Wireless Communication 10 Sindhu Vijayam Ph.D in Engineering/Technology/Architecture Wireless Communication 11 Lekshmi Nair M Ph.D in Engineering/Technology/Architecture Wireless Communication 12 Deepu Kurian Ph.D in Engineering/Technology/Architecture Signal Processing 13 Jaison Jacob Ph.D in Engineering/Technology/Architecture Digital Communication 14 Drisya M K Ph.D in Engineering/Technology/Architecture Signal Processing 15 Ambili A R Ph.D in Engineering/Technology/Architecture Communiaction/Digital Image Processing 16 Hitha P S Ph.D in Engineering/Technology/Architecture Image Processing, Signal Processing 17 Jeejo K P Ph.D in Engineering/Technology/Architecture Electronics and Allied Branches 18 Albins Paul Ph.D in Engineering/Technology/Architecture Electronics and Allied Branches 19 Anjana S Ph.D in Engineering/Technology/Architecture Electronics and Allied Branches 20 Neetha K Ph.D in Engineering/Technology/Architecture Electronics and Allied Branches 21 Savitha Raghavan Ph.D in Engineering/Technology/Architecture Electronics and Allied Branches 22 Divya G Ph.D in Engineering/Technology/Architecture Computer Science 23 Sumesh M S Ph.D in Engineering/Technology/Architecture Computer Science and Allied Branches 24

Dimple Elizabeth Baby Ph.D in Engineering/Technology/Architecture Computer Science and Allied Branches 25 Panchami V U Ph.D in Engineering/Technology/Architecture Computer Science 26 Nimal C N Ph.D in Management Management 27 Renjith K R Ph.D in Management Management

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FDPs & Conferences Organised

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FDPs & Conferences Organised

Academic Year Title of FDPs/Training Programmes/Conferences Organized by the Institution Date of conduct Funding Agency 2024-2025 FDP on Applied Research in Electric vehicle Technology and Renewable Energy Integration 01-07-2024 to 06-07-2024 Self Funded 2024-2025 Training Program on Virtual Lab 12-07-2024 Self Funded 2024-2025 Faculty Orientation Program by FPEC 20-07-2024 Self Funded 2023-2024 FDP on Health Safety and Environment 28-06-2024 to 06-07-2024 Self Funded 2023-2024 FDP on Fusion 360 28-06-2024 to 30-07-2024 Self Funded 2023-2024 Workshop on ETAP software 12-04-2024 Self Funded 2023-2024 FDP on 'Robotic Operating System 22-01-2024 to 27-01-2024 Self Funded 2023-2024 Faculty training in AUTOCAD and REVIT MEP 18-01-2024 Self Funded 2023-2024 Hands on training on selected clinical analyzers is conducted for s5 EBE students by experts from Horiba's International training center Nagpur 06-10-2023 Self Funded 2023-2024 Faculty Orientation Program by FPEC 20-07-2023 to 21-07-2023 Self Funded 2023-2024 Seminar on Patent filing and drafting by Mr.Nagarajan N, Technical director, NSKD, Dharmapuri 19-07-23 Self Funded 2023-2024 Workshop on EV modelling using MATLAB 23-05-2024 Self Funded 2023-2024 Skill enhancement workshop for technical staff 20-06-2024 to 21-06-2024 Self Funded 2023-2024 A five day workshop program in Python for Bio Signal & Medical Image Processing was conducted for S5 students. 07-08-2023 to 11-08-2023 Self Funded 2023-2024 A five day workshop on Arduino and Raspberry Pi was conducted for S3 students. 11-09-23 to 15-09-23 Self Funded 2023-2024 Hands On Skill Development Workshop is conducted for s6 EBE students In association with EBE Department of ASIET, HORIBA India's Technical Institute focused on In Vitro Diagnostics (IVD) Instrumentation. 17-04-2024 Self Funded 2023-2024 Workshop- "3D Printing : Experience the next dimension" for a day is held in partnership with the EBSAA and BMESI for S6 (EBE) students by Mr. sandeep O S, Assistant Professors, Mechanical Department. 23-02-2024 Self Funded 2023-2024 Workshop- "Arduino Craft: Mastering the code" -one day workshop is held in partnership with the EBSAA and BMESI for S4 (EBE) students by Mr.Shinu MM, Assistant Professors, EBE Department. 23-02-2024 Self Funded 2023-2024 Workshop- "Unlock LaTeX"- one day workshop for

beginners is held in partnership with the EBSAA and BMESI for S6 (EBE) students by Dr. Shilpa P.A. and Ms. Tresa Joseph, Assistant Professors, EBE Department. 22-02-2024 Self Funded 2023-2024 Hands-on training Program on "Electronic product Building" was held for S4 students (EBE) in collaboration with EBSAA, headed by Mr. Antu Dominic, an industry expert from TrueTek World 5-Feb-2024 to 7-Feb-2024 Self Funded 2023-2024 Hands-on training Program on 'Embedded Electronics' was held for S6 students (EBE) in collaboration with EBSAA, headed by Mr. Antu Dominic, an industry expert from TrueTek World 1-Feb-2024 to 3-Feb-2024 Self Funded 2023-2024 Academic Advancement Programme On Medical Device Design & Regulatory Practice 26-06-2024 to 28-06-2024 Self Funded 2023-2024 FDP -Outcome-Based Education (OBE) Awareness 15-06-2024 Self Funded 2023-2024 FDP -Best practices in medical device quality and regulatory 30-01-2024 Self Funded 2022-2023 FDP on Application of AI and ML in Manufacturing 19-01-2023 to 21-01-2023 KTU Funded 2022-2023 A 5-day workshop on the modes of actuation used in robotics, ie. Pneumatics, hydraulics, and electrical. 28-11-2022 to 30-11-2022 Self Funded 2021-2022 National Conference on Energy & Resource Optimisation 03-09-2021 Self Funded 2021-2022 One day Virtual FDP on Academic Research Writing 07-05-2022 Self Funded 2021-2022 FDP on Power Electronics for electric vehicles -Control and Challenges (EEE) 6-07-2021 to 10-07-2021 KTU Funded 2021-2022 FDP on AI Enabled IoT Networks 13-09-2021-17-09-2021 Self Funded 2021-2022 International conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS '21) 02-09-2021-04-09-2021 Self Funded 2021-2022 Data Analysis and modelling softwares in civil engineering 10-08-2021 to 14-08-2021 Self Funded 2021-2022 FDP on Robotics and Control 19-04-2021-23-04-2021 Self Funded 2020-2021 Poject based OOPS with Python 04-02-2021 to 05-02-2021 Self Funded 2020-2021 LORAWAN Hands on workshop 15-03-2021 to 19-03-2021 Self Funded 2020-2021 Fluid mechanics and systems 03-08-2020 to 07-08-2020 Self Funded 2020-2021 International conference on innovations in Mechanical Sciences 19-2-2021 to 20-2-2021 Self Funded 2020-2021 nternational conference on Recent Trends in Artificial Intelligence 29-6-2021 to 30-6-2021 Self Funded 2020-2021 International conference on Innovative Technical Advances in Disaster management 15-7-2020 to 16-7-2020 Self Funded 2020-2021 Python programming for beginners with an introduction to machine learning and IoT 10-02-2021 to 12-02-2021 Self Funded 2020-2021 FDP on ROBOTICS & IR 4.0 07-09-2020 to 11-09-2020 Self Funded 2020-2021 Data Analysis and Modelling Software (civil) 10-08-2021 to 14-08-21 Self Funded 2019-2020 ATAL FDP on Block Chain(EEE) 9-12-2019 to 13-12-2019 Self Funded 2019-2020 Real time applications of power electronics-Research scope & challenges(EEE) 27-07-2020 to 31-07-2020 Self Funded 2019-2020 International conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS '20) 28-05-2020 to 30-05-2020 Self Funded 2018-2019 Basic Computer skills and effective internet use 26-06-2018 to 28-06-2018 Self Funded 2018-2019 Microprocessors and Microcontrollers 27-06-2018 29-06-2018 Self Funded 2018-2019 Recent Industry practices in project management and testing 27-05-2019 to 31-05-2019 Self Funded 2018-2019 Innovation and challenges in microgrid(EEE) 14-01-2019 to 18-01-2019 Self Funded 2018-2019 Industrial safety security and health 03-01-2019 to 5-01-2019 Self Funded 2018-2019 National Conference on Emerging Research Trends in Electrical Engineering ERTE2019(EEE) 03-05-2019 Self Funded 2018-2019 Hands-on training on AVR-ATMEGA32 30-07-2018 to 31-07-2018 Self Funded 2018-2019 National conference on Emerging trends in Mechanical Engineering 12-04-2019 Self Funded 2018-2019 System designing using microcontrollers for IoT and Robotics 25-06-2019 to 27-06-2019 Self Funded 2018-2019 Two day FDP on Business Analytics 13-06-2018 to 14-06-2018 Self Funded 2018-2019 FDP on Industry 4.0- Technological Advances and Implications 17-06-2019-21-06-2019 Self Funded 2018-2019 Workshop on IoT, cloud computing and big data analytics 23-07-2018 to 26-07-2018 Self Funded 2018-2019 Workshop on Innovations & challenges 14-01-2019 to 18-01-2019 Self Funded 2018-2019 Workshop on Academic Plagiarism ,Predatory Journals & Reference Management software 28-07-2018 to 29-07-2018 Self Funded 2018-2019 FDP on Artificial Intelligence and Machine Learning 15-12-2018-19-12-2018 Self Funded 2017-2018 FDP on Emerging Trends in Nanoscience and Nanotechnology(EEE) 17-04-2018- 21-04-2018 Self Funded 2017-2018 National Conference on Emerging Research Trends in Electrical Engineering ERTE2018 (EEE) 24-03-2018 Self Funded 2017-2018 National Conference-Recent Trends in VLSI, Communication and networks 04-05-2018-05-05-2018 Self Funded 2017-2018 Fuzzy Logic and Genetic Algorithm 27-07-2017 to 28-

07-2017 Self Funded 2017-2018 FDP on Geomatics 11-07-2017 to 14-07-2017 Self Funded 2017-2018 National conference on Recent Trends in Computing and Communication 26-2-2018 to 27-2-2018 Self Funded

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Funded Projects

Project Name Principal Investigator Duration Status Funding Agency Grant
Sanctioned Development of digital networking for preventive and predictive environmental and climatic warning solutions - Building an Entrepreneurial ecosystem for addressing Environmental Issues Dr. Ajay Kumar, Mr. Albins Paul 3 Year On Going Ministry of Electronics and Information Technology (MeitY), Govt. Of India 151.68 Lakhs Implementation of 2- way interactive digital notice board Dr. Ajay Kumar 1 Year On Going APJ AKTU-CERD (Student Project Scheme) 18250 IoT Based smart environmental and controlling system Dr. Ajay Kumar 3 Year On Going APJ AKTU-CERD (Research Seed Money Scheme) 50000 Development of a contactless fog computing based system for covid'19 detection and continuous cardiac health monitoring using deep learning Dr. Bipin P R 3 Year On Going APJ AKTU-CERD (Research Seed Money Scheme) 55000 Desulphating Battery Charger Dr. P. Jenopaul 6 Months Completed IIT Dharwad, and SELCO Foundation 15000 Improved Design Of Conventional IC Engine Based Vehicle Into Hybrid Fuel Vehicle For Fuel Economy Dr. P. Jenopaul 6 Months Completed Kerala State Council for Science, Technology and Environment (KSCSTE) 9500 Multi Sensored Based Regeneration System System For Electric Vehicle Dr. P. Jenopaul 6 Months Completed KTU 15000 Kochi overhead rail water transport system Dr. P. Jenopaul, Gomathy S 1 Year Completed Green Bay startup 60000 Detection of DoS attack towards WiFi and IoT networks Prof. Manesh T 1 Year On Going KTU 17350 Counterfeit drug detection using block chain and machine learning Prof. Prabhu M and Prof Sobha T 1 Year On Going KTU 13000 Emergency assistance for paralyzed using eye blink detection Prof. Simi M S and Prof Gripsy Paul 1 Year On Going KTU 13325 Technology for conversion of rice husk ash to value added products Dr. Manu S Nadesan, Ms. Jyothilekshmi R, Dr. Aneesh P C 2 Year On Going Kalady Rice Millers Consortium (KRMC) 100000 Development of retaining structures using GSB Dr. Manu S Nadesan, Dr. Dhanasekar K, Dr. Aneesh P C 2 Year On Going Quality Metals 500000 Estimation of congestion cost evaluation and solution Ms. Dona Joy, Dr. A N Swaminathan 1 Year On Going CERD 12153 Development of landslide prediction system Ms. Harshananda T N, Ms. Clydin P A 1 Year On Going CERD 19150 Development of Digital networking for preventive and Predictive environmental and climatic warning solutions -Building an Entrepreneurial ecosystem for addressing Environmental Issues Dr. Ajay Kumar, Dr.Manesh T, Mr. P V Rajaraman, Mr. Albins Paul 3 Year On Going MeitY 2.99 crores Multi sensored based regeneration system system for electric vehicle Dr. P Jeno Paul 1 Year On Going Cerd-ktu 15000 LA ARC Project:23-HTB-150 :Humanitarian activates -IEEE ASIET SB Renovation of Library Ms Anju Mary Joseph, Mr Sam K Saju 1 Year Completed IEEE \$3216 (2,66349) Implementation of 2-way interactive digital notice board Dr. Ajay Kumar 1 Year Completed APJ AKTU-CERD (Student Project Scheme) 18,250 Innovation & Entrepreneurship Activity Fund Prof. Ajay Basil Varghese 1 Year Completed Kerala Startup Mission 2 Lakhs Custom Measurement monitoring system for BIAS cutter splicing table at Apollo tyres Prof. Ajay Basil Varghese 1 Year Completed Apollo Tyres Ltd 0.81 Lakhs Baltem Gyrate Prof. Anuroop K B 1 Year Completed Kerala Startup Mission 1 Lakhs Implementation of an autonomous wireless body Area network for IoT enabled health care applications using wearable sensor node with solar energy harvesting Dr Rgesh G K 1 Year Completed APJ KTU CERD 1.1445 Lakhs Multiple eye disease detection using Deep convolutional neural network Prof. Neema M 1 Year Completed CERD 0.239 Lakhs HAUY -A Braille assist Prof. Albins Paul 1 Year Completed CERD 0.265 Lakhs Infinity Printer Dr. N Hariharan 1 Year Completed Institution of engineers India 0.15 Lakhs Real time waste segregation Prof. Arya Paul 1 Year

Completed Institution of engineers India 0.1 Lakhs Customer Satisfaction Survey
 Dr Elizabeth 1 Year Completed Vijaya Bank 0.1 Lakhs Innovation &
 Entrepreneurship Activity Fund Prof. Ajay Basil Varghese 1 Year Completed Kerala
 Startup Mission 1 Lakhs Smart Cooking Stove Patent Documentation Service Prof.
 Ajay Basil Varghese 1 Year Completed Machbee 0.06 Lakhs Charity monk web app
 development Prof. Ajay Basil Varghese 1 Year Completed PenserLabs 0.1 Lakhs
 Consultancy service for R&D of fully automatic STP Controller Prof. Ajay Basil
 Varghese 1 Year Completed ICube design studio 0.54 Lakhs Consultancy service for
 R&D of live Temperature monitoring system & its cloud services Prof. Ajay Basil
 Varghese 1 Year Completed RIOD Logic 0.24 Lakhs Consultancy service for R&D of
 fully automatic AMF Panel for generation(Control board) Prof. Ajay Basil
 Varghese 1 Year Completed ICube design studio 0.36 Lakhs Consultancy service for
 R&D of mini lift machine Prof. Ajay Basil Varghese 1 Year Completed ICube design
 studio 0.18 Lakhs Consultancy service for development of news vision
 notification service Prof. Ajay Basil Varghese 1 Year Completed Penserlabs 0.1
 Lakhs Consultancy service for development of smart cooking stove Prof. Ajay
 Basil Varghese 1 Year Completed Macbee 0.1 Lakhs Consultancy service for R&D of
 fully automatic paper bag cutting machine using PIC microcontroller Prof. Ajay
 Basil Varghese 1 Year Completed ICube design studio 0.9 Lakhs Zero discharge sea
 water to drinking Dr P Jeno Paul 1 Year Completed Malayala Manorama 0.15 Lakhs
 Isolation enhancement in multi antenna systems used for 5G systems using met
 materials Prof. Sreerag M 1 Year Completed CERC 1.92 Lakhs Implementation of a
 deep learning based waste segregation system using computer vision & robotics
 Prof. Anuroop K B 1 Year Completed CERC 1.845 Lakhs Development of smart
 portable IoT device for better diagnosis & control of Asthma & COPD Prof. Arya
 Paul 1 Year Completed CERC 1.68 Lakhs Idea Grant(PYXIS) Prof. Anuroop K B 1 Year
 Completed Kerala startup mission 0.75 Lakhs IoT based smart inhaler Prof. Arya
 Paul 1 Year Completed Institution of engineers(India) 0.3 Lakhs IoT based plant
 monitoring system Prof. Ajay Basil Varghese 1 Year Completed Institution of
 engineers(India) 0.15 Lakhs Doily Prof. Divya V Chandran 1 Year Completed CERC
 0.26 Lakhs National Technology day Celebrations Prof. Arya Paul 1 Year Completed
 Institution of engineers(India) 0.3 Lakhs Needleless Drug Injector Dr. Kiran Joy
 1 Year Completed CERC 1.31 Lakhs Innovation & Entrepreneurship Activity Fund
 Prof. Ajay Basil Varghese 1 Year Completed Kerala Startup Mission 2 Lakhs Idea
 grant Prof. Ranjesh 1 Year Completed Kerala Startup Mission 0.75 Lakhs
 Development of retaining structures using GSB Dr Manu 1 Year Completed Quality
 metals 5 Lakhs Consultancy service for development of church bells App Prof.
 Ajay Basil Varghese 1 Year Completed Edith industries 0.085 Lakhs Production
 work for mechanical ventilator to overcome covid19 crisis Prof. Ajay Basil
 Varghese 1 Year Completed PGIM INDIA mutual funds 1.5 Lakhs Consultancy service
 for development of Biofloc fish farm controller Prof. Ajay Basil Varghese 1 Year
 Completed RIOD logic PvtLtd 0.15 Lakhs Development of virtual event management
 platform Prof. Ajay Basil Varghese 1 Year Completed Kerala Startup Mission 1.5
 Lakhs Digitization of farm management system Prof. Anuroop K B 1 Year Completed
 Agrofarm 1 Lakhs Innovation & Entrepreneurship Activity Fund-Cardiac Monitoring
 System Using Deep Learning Prof. Ajay Basil Varghese 1 Year Completed Kerala
 Startup Mission 2 Lakhs Idea grant(OZ Generator) Prof. Anuroop K B 1 Year
 Completed Kerala Startup Mission 0.72 Lakhs Idea grant(ayurvega) Prof. Anuroop K
 B 1 Year Completed Kerala Startup Mission 1 Lakhs Business incubation center
 funding Prof. Ajay Basil Varghese 1 Year Completed KSIDC-TBI Fund 5 Lakhs D-
 Glass AI based care giver for Dementia Patients Prof. Gokilavani M 1 Year
 Completed DST Nidhi Prayas 3 Lakhs Wrist wearable quarantine tracker using
 geofencing Prof. Divya G 1 Year Completed CERC 0.1 Lakhs 2 in 1 system for baby
 diaper & sanitary napkin disposal Prof. Deepika M P 1 Year Completed CERC 0.95
 Lakhs Improved design of conventional IC engine based vehicle into Hybrid fuel
 vehicle for fuel economy Dr Jeno Paul 1 Year Completed KSCSTE 0.095 Lakhs Med
 Mate Er. Aswathy N 1 Year Completed CERC 0.12 Lakhs Development of remote
 cardiac health monitoring system for covid19 patients using deep learning Dr.
 Bipin P R 1 Year Completed KSCSTE 0.1 Lakhs Developing smart intelligent real
 time system for growth assessment & waste water treatment for a fish farm Prof.
 Divya V Chandran 1 Year Completed KSCSTE 0.099 Lakhs IoT based smart
 environmental monitoring & controlling system Dr. Ajay Kumar 1 Year Completed
 CERC 0.5 Lakhs Development of contactless Fog computing system for covid19
 detection & continuous cardiac monitoring system using deep learning Dr. Bipin P

R 1 Year Completed CERD 0.55 Lakhs Development of remote cardiac monitoring system using deep learning for covid19 Dr. Bipin PR 1 Year Completed CERD 0.165 Lakhs Smart Medicine box Dr. Ajay Kumar 1 Year Completed KSCSTE 0.1 Lakhs Design & Development of IoT based wearable devices for elderly care Dr. Ragesh G K 1 Year Completed KSCSTE 0.1 Lakhs Flame off Anuroop K B 1 Year Completed KSCSTE 0.1 Lakhs Fabrication & characterization studies of polypropylene/Ethylene vinyl acetate copolymer/turmeric spent blend composite for packaging applications Srinivasan SN 1 Year Completed KSCSTE 0.1 Lakhs Characterization of heat assisted dissimilar material FSW Sandeep O S 1 Year Completed KSCSTE 0.1 Lakhs Fabrication of heat assisted FSW setup for welding different materials Arun P Das 1 Year Completed KSCSTE 0.1 Lakhs Rice husk Ash Project Dr. Manu 1 Year Completed KRM consortium 1 Lakhs Development of virtual event management platform Prof. Ajay Basil Varghese 1 Year Completed Kerala Startup Mission 1.5 Lakhs

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Sl No Principal Investigator Project Title Client Revenue Generated(Rs) Month-Year
1 Arun P Das, Vishnu S Cube design Icube Design Studio 379600 2022-2023
2 Dr. AnithaThomas and Dr.Nimmi M Cluster Development-Kalady Rice Mill Government of Kerala 90000 2022-2023
3 Aneesh P C, Dona, Jeeva Bitumen Extraction Test Government of Kerala 5520 2022-2023
4 Aneesh P C, Subnum Suhura Mission Amrit Sarovar - Jal DharoharSanrakshan Government of Kerala 200000 2022-2023
5 Aneesh P C, Dona, Jeeva Bitumen Extraction Test Government of Kerala 2760 2022-2023
6 Aneesh P C, Dona, Jeeva Performance Evaluation of Kochi Water Metro Government of Kerala 26500 2022-2023
7 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 7000 2022-2023
8 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 13000 2022-2023
9 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 800 2022-2023
10 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 6300 2022-2023
11 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 5850 2022-2023
12 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength of concrete cubes Government of Kerala 4500 2022-2023
13 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 3150 2022-2023
14 Aneesh P C, Dr. A N Swaminathen Testing of Interlock concrete block Kalady Government of Kerala 400 2022-2023
15 Aneesh P C, Dr. A N Swaminathen Test conducted to access the compressive strength Government of Kerala 400 2022-2023
16 Aneesh P.C., Jeeva, Dona, Rosmin Thoma Traffic Studies for Sabari Rail Project Government of Kerala 33750 2022-2023
17 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Pallipuram Government of Kerala 3870 2022-2023
18 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Koovappady Government of Kerala 7740 2022-2023
19 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Kuzhuppilly Government of Kerala 10320 2022-2023
20 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Chengamanad Government of Kerala 23220 2022-2023
21 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Sreemoolanagaram Government of Kerala 20640 2022-2023
22 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- KANJOOR Government of Kerala 41280 2022-2023
23 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- KUNNUKARA Government of Kerala 7740 2022-2023
24 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Kalady Government of Kerala 7740 2022-2023
25 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI- Keezhmad Government of Kerala 11610 2022-2023
26 Aneesh P C, Dr. A N Swaminathen OPERATION VAHINI-Vazhakulam Government of Kerala 7740 2022-2023
27 P C Aneesh, A A Abishek Kumar, Dr. K Dhanasekar Consultancy service for de-silting of channels Government of Kerala 141900 2022-2023
28 Arun P Das, Vishnu

S Cube design Icube Design Studio 315325 2020-2021 29 Arun P Das, Vishnu S Cube design Icube Design Studio 311600 2020-2021 30 Ajay Basil, Sreeresmi T S, Jain Stoble B Development of Biofloc Fish farm Controller RIOD 15000 2020-2021 31 Ajay Basil Varghese, Gokilavani, Teena George, Asha Rose Thomas Consultancy service for the development of Church Bells App Edith Industries 8500 2020-2021 32 Dr.Manu S Nateshan, Aneesh.P.C, Dr.k.Dhanasekar, Jeeva P Winto, Clydin P.A Materials testing for Rebuild kerala work Initiation Government of Kerala 14565 2020-2021 33 Ajay Basil Varghese, R Rajaram, Deepika M. P. Research and development work of fully automatic STP controller Icube Design Studio 54000 2019-2020 34 Ajay Basil Varghese, Dr Vince Paul, Simi M. S. Research and development of a live temperature monitoring system and its cloud services RIOD 24000 2019-2020 35 Ajay Basil Varghese, Dr Vince Paul, Prof. Gokilavani M Research and development of fully automatic AMF panel for generator Icube Design Studio 36000 2019-2020 36 Ajay Basil Varghese, Sumesh M. S Research and development of Mini Lift Machine Icube Design Studio 18000 2019-2020 37 Ajay Basil Varghese, Neetha K. Nataraj, Raghi R. Menon Development of news vision notification service PenserLabs 10000 2019-2020 38 Ajay Basil Varghese, R Rajaram, Deepika Development of smart cooking stove Zaubra Corp 10000 2019-2020 39 Ajay Basil Varghese, Dr Vince Paul, Divya K. S Research and development service for automatic paper bag cutting machine using PIC microcontroller Icube Design Studio 90000 2019-2020 40 Abin Joy, Aneesh.P.C, Manu Natesh Consultancy service for Rebuild kerala Government of Kerala Free Service 2019-2020

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Title of patent Inventor Patent No Status Handheld Caprine and Bovine Eye Capture Imaging Device for Disease Prediction Adishankara institute of engineering and technology, Sumesh Raman, et al 202441037387 Published Student Safety Ensuring System Using AI Adishankara institute of engineering and technology, aswathy, et al 202441019834 Field Analysis of mechanical properties of concrete produced with red ceramic construction and demolition waste Dr. A.N.Swaminathan, R.Jyothilaksmi et al 202341008025 Published Design and Testing of Flat slab using Coconut shell concrete Dr. Dhanasekar et al 202341018322 Published Touch Controlled Concrete Hardness Testing Device Dr. Dhanasekar, Dr.A.N.Swaminathan et al 382496/001 Design granted A Solar Based Smart Air Car Purifier Mr. Vignesh Karthik S.A et al 355142-001 Design published Artificial Intelligence based Delivery Robotic Device Manesh V.M et al 6319707 Design granted IoT Enabled Urban Environmental Monitoring With Wireless Sensor Network Dr. Ajay Kumar and Dr. Bipin P.R et al 201941053048 Granted IoT Based Smart Cholesterol Monitoring device Dr. Bobby Mathews C et al 399316-001 Design granted Garden guard; the premier garden robot Dr. Nidhinraj A et al 416800-001 Published Tree & Branches Cutting Machine Dr. Vinay Varghese 412245-001 Published Traffic clearing Signal using GPS for active tracking during imminent emergency Aswin Babu Cyril Varghese Agin Joseph Ajay Gopal N B Vishnu Gladson 202041007487 Granted VEG DOC Dr. Arya Devi P S, Divya V Chandran, Dr. Bobby Mathews C, Remya Ramesh, Preethesh K, Narayanan Seshan, Nikhil Krishnan 202241060615 Published MultiStage Filter and Water treating Adapter fitted tap Dr. Dhanasekar K et al 390359/001 Granted Solar Plumb Bob Dr. A.N.Swaminathan et al 400512-001 Granted Auto Tapper Eldose K K 201941031114 Published VEG DOC Dr. Arya Devi P S, Divya V Chandran, Dr. Bobby Mathews C, Remya Ramesh, Preethesh K, Narayanan Seshan, Nikhil Krishnan 202241060615 Published User-Device Interfacing Technology with EEG and 3D eye tracking Er. Divya V Chandran, Mr. Ajay Antony, Ms. Anila A Shenoy, Mr. Joel K S 202041033062 Published Anti Mosquito bite suite for travellers Dr. P Jenio Paul 201941031149 Applied Callow Aiding Mendable Led Bulb K Gokul Krishnan, Nandana Anand, Allwin Varghese, Afeena K A 201941049858 Application in amended examination Traffic clearing

Signal using GPS for active tracking during imminent emergency Aswin Babu, Cyril Varghese, Agin Joseph, Ajay Gopal, N B Vishnu, Gladson 202041007487 Under Examination Active filter for toilet gas exhaust unit Dr. P Jeno Paul 201941027564 Filed Adversarial Training for Large Scale Healthcare Data Using Machine Learning System Dr. Tony George 2020102667 Granted Terminal Voltage Rating Identification System for AC Transformers/Motor Dr. Jeno Paul, Anna Baby 202041046466 Applied Modular axe Dr. P Jeno Paul 201941026737 Published Micro Active ventilation with oral feedback limited face mask Dr. P Jeno Paul 202041045382 Applied System and method for indoor clothes dryer using direct transportation of solar light Dr. P Jeno Paul 2021101539 Granted Areca leaf shredding machine Dr. P Jeno Paul 202141007807 Published An Artificial Intelligence Based Voice Condensing Glucose Monitoring and Determining System Dr. P Jeno Paul 202121019989 Published A Renewable Energy Based Electrical Power Producing Method Dr. P Jeno Paul 202141026297 Published An Automatic and Efficient Vehicle Wheel Rim Cleaning Machine Dr. P Jeno Paul 202141026266 Published An E-vehicles Charging by Wi-Fi Pad by Using Iot and System Dr. P Jeno Paul 2021102648 Granted A Nutmeg Decorticator with Sorter Graded Based on Machine Learning Dr. subramaniyan, Dr. Tony George, Dr. P Jeno Paul 2021103691 Granted Machine Learning Based Energy Efficient Smart City Management Dr. P Jeno Paul 2021103555 Granted A Portable Apparatus for Breathing Assistance to Monitor the Patient Suffer from Respiratory Diseases Sijo George, Dr. P Jeno Paul 202141028644 Published IOT BASED smart dust bin Dr. P Jeno Paul 2021103608 Granted An Intelligent, Secure and Smart Embedded Ventilator System Dr. Tony George; et al 202141026265 Published Performance monitoring device for a real time manufacturing machine Dr. P Jeno Paul et 202111030293 Published Automobile tire pressure monitoring device to enhance safety and reduce emissions Dr. P Jeno Paul et 202141032038 Published Utility Based Web Content Mining Approaches Dr. P Jeno Paul et 2021105407 Granted A Structural Support Angle Bracket Dr. P Jeno Paul et 348265-001 Design Accepted and Published

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2021-2022 University of Technology and Applied Sciences, Sultanate of Oman 2021 6 Months Collaborate the funded student project titled "Intelligent Student's Information and Guidance System" (MoHERI/BFP/UoTAS-HCT/01/2021) approved by the Ministry of Higher Education Innovation and Research, Sultanate of Oman.
https://drive.google.com/drive/folders/1Rgq66TF9jzPLX8FlyJ914Z_x_adGvKtw 2020-2021 Project Management Unit, Rebuild Kerala Initiative, Local Self Government Department, Government of Kerala 2021 3Years Consultancy works on projects assigned to LSGD as part of Rebuild Kerala Initiative
https://drive.google.com/drive/folders/1cacg5fK6Fc8UDtLwGbNtFZ_YY-T70Jcp?usp=sharing Federal Academy for Cyber Education (FACE) 22-03-21 1 Year Cyber Security course for S6 Students
https://drive.google.com/drive/folders/1IB1eHrRSXp7NZBcCrzzfL9fQcK_WRD0H?usp=sharing Beacon Inverters 2021 Lifetime 1. One day lab session hands-on training on 04-12-2020. 2. IoT Module development (Business activity)
<https://drive.google.com/drive/folders/11RDuH8ylW7txMxdqU47Bvef86Vu5ourj?usp=sharing> ELSAFE protection and control system 2021 Active 1. Setting up of building protection laboratory 2. Trainings/internships/ industrial visits/ and projects planned
<https://drive.google.com/drive/folders/1yqNlCEu5Z3X9nR7sNh3QGloBc6v4Xoo7> Aabasoft Technologies Pvt Ltd 2021 3 Years
<https://drive.google.com/drive/u/1/folders/1LVWHSbzCn0QbY0yx6WNiiWCVaZzWb17g> Agropark Industrial Foundation 2021 3 Years
<https://drive.google.com/drive/u/1/folders/1LVWHSbzCn0QbY0yx6WNiiWCVaZzWb17g> Pappyjoe Enterprises Pvt Ltd 2021 3 Years
<https://drive.google.com/drive/u/1/folders/1LVWHSbzCn0QbY0yx6WNiiWCVaZzWb17g> EQUINOX-Community sourced Model Solutions 2021 4 Years
<https://drive.google.com/file/d/1WVxf4RoBi0wV9JdB9W6BsHTx15kK0Qqn/view?usp=sharing> 2019-2020 KKM Soft Pvt. Ltd., CHENNAI 2019 3 Years Training on Industrially relevant softwares(certified) like ETabs, Revit, Tekla etc.
https://drive.google.com/drive/folders/1cacg5fK6Fc8UDtLwGbNtFZ_YY-T70Jcp?usp=sharing Kerala State Information Technology Infrastructure Limited (KSITIL) 23-09-2019 Active Conduct of online meetings, conference
<https://drive.google.com/drive/folders/14SUFILz0YQ-l4sqd8iW7S7fH0nkJh0-d?usp=sharing> International Centre for Free and Open Source Software (ICFOSS) 30-11-2019 30/11/2019 to 29/11/2020 FDP
<https://drive.google.com/drive/folders/14SUFILz0YQ-l4sqd8iW7S7fH0nkJh0-d?usp=sharing> NSEIT Ltd 19-09-2019 19/Sep/2019 to 18/Sep/2022 Conduct of examinations <https://drive.google.com/drive/folders/14SUFILz0YQ-l4sqd8iW7S7fH0nkJh0-d?usp=sharing> Hortari Industries 24-01-2020 24/01/2020 to 23/01/2023 Full Stack Training
<https://drive.google.com/drive/folders/14SUFILz0YQ-l4sqd8iW7S7fH0nkJh0-d?usp=sharing> MOU signed with M/S green bay startup,Kochi 2019 1 Year Project project <https://drive.google.com/file/d/1rl0jFj0CElagD00QGx5J9E7Bah69GG0E/view?usp=sharing> Star Choyz convention Centre,kerala 2019 1 Year Patent drafting

patent drafting https://drive.google.com/drive/folders/1PSQ0-jA8yUK_5KvrgkZ4twvLeh2yCBYq?usp=sharing TMI System, Bangalore 2019 1 Year Project project

https://drive.google.com/drive/folders/1VaKzRoKZT7vKl7KJh1BkH1l8AZRIaLS_?usp=sharing Green bay start up, Kochi 2019 1 Year Patent drafting patent drafting

https://drive.google.com/drive/folders/1PJExjAkU5A3vI6LH_FqDsFjI7CjVWIHq?usp=sharing Central Institute of Plastics Engineering & Technology (CIPET) 2019 Active Industrial projects for two student project group

https://docs.google.com/document/d/1wg_f6kUGGjRATHNLctJe98dEzyyVD5Vg/edit KKM Soft 2019 Active Training for ANSYS for two batches

https://docs.google.com/document/d/1wg_f6kUGGjRATHNLctJe98dEzyyVD5Vg/edit BMW Skillnext Engineer Initiative 2019 Active BMW -SkillNext Engine Awareness Program for technical staff and students Digital Core Technologies 2020 Lifetime Industriail Training by faculty members of ECE Department on 17-04-2019

<https://drive.google.com/drive/folders/1EXFo2xCMgGqHTE3ufTT-JEPeHjpg0XJw?usp=sharing> IIIT Kottayam 2020 Lifetime

<https://drive.google.com/drive/folders/1I2MD9rDApsXTFC8vf67iRqiVhsQuKaP?usp=sharing> Daikin Redd, Kochi 2020 Active 1. Established HVAC Design Laboratory 2. Training provided for 7th semester students (119 nos.) 3. Add-on programme of refrigeration and air conditioning given to students 4. Academic and research project initiation

https://drive.google.com/drive/folders/1L7GLuBb_c6qjPVVNVZnp2M7Lx_vLSW6j NIT Trichy and SIEMENS center of excellence 2020 Active 1. Research and Development 2. Faculty development and visits

https://drive.google.com/file/d/1PkyOZQrRKtiq_-Wojuzejf47Cab1GCkx/view I- Cube 2020 Active Technical Know-how for industrial paper bag making machines, Punching machine

https://docs.google.com/presentation/d/1DaWsZuBFFqjBF1_NFvpxNW_TmCXqN9Lh/edit#slide=id.p1 2018-19 Prolific Systems & Technologies Pvt Ltd 6/18/2018 18/06/2018 to 17/06/2019 PG Diploma in Industrial Automation, Prolific Infosystems ltd -30Hours(20/8/2019 to 24/8/2019)-44students(2016-20 batch)

<https://drive.google.com/drive/u/1/folders/1XggCUKNrjnxFa2CiRFFURcmjrqlMvdhg> ICT Academy (Student Training) 21/12/2018 21/12/2018 to 20/12/2019 ABCD Full-Stack Development Skills <https://drive.google.com/drive/folders/14SUFILz0YQ-l4sqd8iW7S7fH0nkJh0-d?usp=sharing> ICT Academy (Faculty) 01/08/2018 01/08/2018 to 31/07/2019 Tech talks by industry experts

<https://drive.google.com/drive/folders/14SUFILz0YQ-l4sqd8iW7S7fH0nkJh0-d?usp=sharing> ICT Academy of Kerala 2019 3 Years

<https://drive.google.com/drive/u/1/folders/1LVWHSbzCn0QbY0yx6WNiiWCVaZzWb17g>

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Title Author Name of Journal or Conference Year of Publication River Training Studies and Monitoring of Vellar InTamilnadu P K Suresh, D.Diwakar, Parameswaran T G International Conferenceon Advances in Civil and Environmental Engineering 2023-2024 Structural Health Monitoring of Berthing Structures Nilanjan Saha R. Sundaravadivelu, P K Suresh,T G Parameswaran Second International Conferenceon Recent Advancements in Engineering and Technology 2023-2024 Studies on Estuary of Thamirabarani River,Tamilnadu, India P K Suresh, R.Sundaravadivelu, K.Dhanasekar, Surendar MATECWeb of Conferences https://doi.org/10.10 51/mateconf/20233 8403001 2023-2024 An Innovative Approach to Soil Stabilization using Bioengineering Anna Varghese, Veena S Kumar & Parameswaran T G National Conference on Advancing Sustainability in Civil Engineering Practices - 2024 2023-2024 Studiesonprotectionofcoastal road along Chennai, India P K Suresh, R Sundaravadivelu, Nilanjan Saha,V Ponraj,

C Prabhakar and D Diwakar 28th International conference on Hydraulics, Water resources, River and Coastal Engineering 2023-2024 Improved AO based Classification Framework for Eye Diseases Dr. Binju Saju 2024 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT) 2023-2024 OHMBC: Optimized Hybrid deep learning Model for Classification of Breast Cancer Dr. Binju Saju 2024 Fourth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT) 2023-2024 OHDLL: Optimized Hybrid Deep Learning Model for Classification of Leukaemia images Dr. Binju Saju 2023 International Conference on the Confluence of Advancements in Robotics, Vision and Interdisciplinary Technology Management (IC-RVITM) 2023-2024 LeafNet: Classification of Plant Leaf Diseases using IAO based Hybrid DL Framework Dr. Binju Saju 2024 Fourth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT) 2023-2024 IAOMDR: Improved Aquila Optimized Hybrid deep learning Model for Classification of Diabetic Retinopathy Dr. Binju Saju Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE) 2023-2024 Explainable AI for Medical Imaging: Advancing Transparency and Trust in Diagnostic Decision-Making Mr. P V Rajaraman 4th International Conference on Innovations in Power and Advanced Computing Technologies. (i-PACT'23) 2023-2024 Automatic Pill Dispenser for Elderly Medical Adherence: A Survey Divya K S, Gripsy Paul, Neetha K Nataraj 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT) 2023-2024 Machine learning and deep learning architecture for intrusion detection System: A Survey Nikhil Narayanan, Dr Sanaj M. S IEEE International Conference on trends in Engineering Systems and Technologies (ICTEST) 2024 2023-2024 Emergency Assistance for Paralyzed Using Eye Blink detection Sumesh Raman, Simi M S International Conference on Computing, Communication, Security and Intelligent Systems 2024 2023-2024 A Low Power, Long Range, Portable Wireless Nurse Call System Dr. Bobby Mathew C, Neethu Suman, Muhammad E V Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 A Hybrid Machine Learning Approach to Anomaly Detection in Industrial IoT Jayesh T P, Arya Paul, Prasanth P Menon, Ranjeesh R Chandran, Pandiaraj K Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 Development of an Innovative Optimal Route Selection Model Based on an Improved Multi- Objective Genetic Algorithm (IMOGA) Method in IoT Healthcare Bobby Mathews C, Jeejo K P Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 Experimental study of a novel technique of data hiding with high PSNR Ajay Kumar, Sakit Verdiyev, Ababil Naghiyeva Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 Tomato Plant Health Management Using AI Aswathy N, Jaimy James Poovely, Abhijith Surendran, Samuel Sabu Thomas Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 An optimized Faster R-CNN model for Cassava Brown Streak Disease Classification Aswathy N, Rajasree R, C. Beulah Christalin Latha, Sujni Paul, Appu M Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 New All Optical Shift Register using Nonlinear Structure Ajay Kumar, Ajay Yadav, Sushanta Mahanty, Rakesh Choudhary, Amit Prakash, Raj Ranjan Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 Tomato Plant Health Management Using AI Aswathy N, Jaimy James Poovely, Abhijith Surendran, Samuel Sabu Thomas Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 An optimized Faster R-CNN model for Cassava Brown Streak Disease Classification Aswathy N, Rajasree R, C. Beulah Christalin Latha, Sujni Paul, Appu M Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 New All Optical Shift Register using Nonlinear Structure Ajay Kumar, Ajay Yadav, Sushanta Mahanty, Rakesh Choudhary, Amit Prakash, Raj Ranjan Third International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) 2023-2024 Skin Cancer Classification from Skin Lesion Images Using Modified Depthwise Convolution Neural Network Dr. Bipin P R, Joseph George, Anne Kotteswara Rao, Majjari Sudhakar Third International Conference on Advances in Computing,

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Adi Shankara Institute of Engineering and Technology proved to be the stage for yet another exciting student venture through the inauguration of Kerala Startup

Mission's Innovation and Entrepreneurship Development Centre from 10th February 2015. Named as Adi Shankara IEDC Boot Camp (ABC), the chapter aims at improving the entrepreneurship and technical skills of passionate students and at the same time, coming out with produces which would have the potential of generating revenue. Adi Shankara IEDC Bootcamp is working its best to spread the message of Innovation, Incubation, and Entrepreneurship among students in the college/region.

Among the 216 IEDC's in the state, Kerala Startup Mission has selected Adi Shankara IEDC Bootcamp as the best IEDC in the state for the past 3 years. Also received the Entrepreneurship Enabler Award 2018 for the notable contribution to the startup ecosystem. In order to enhance the creativity and design thinking among students, every year we conduct Innovation Challenges which get reflected as a startup culture ecosystem in the campus. IEDC also organizes entrepreneurship awareness camps, skill development programs, design thinking workshops, patent support systems, Hackathons, Startup Bootcamps, product expos, outreach training programs, Meet the mentor and investor programs for the overall development of the ecosystem.

We also have a Business Hub with 1435 sq ft space as a pre incubation facility for our student startups. This Co Working Space is been used by our students who have registered startups. The space consist of Conference tables, necessary tables, chairs, white board, Wifi and table tennis board too.

Achievements

Among the 196 IEDC's in the State, Kerala Startup Mission has identified AdiShankara IEDC as the Best Performing in the State and awarded us the prestigious Entrepreneurship Enabler Award on 8th Sept in the IEDC Summit 2018 held at Kanjirapally.

On 08th March, 2018 Kerala Startup Mission listed the Performing IEDC's and AdiShankara IEDC was one among the 31 Performing IEDC's in the State and an additional grant of Rs.2lakh was sanctioned for the same. Order No: K-SUM/20/2018

Our IEDC Innovative Project Baltem Gyrate designed by the students of the Department of ECE got an IDEA DAY Grant of Rs.5 Lakh from Kerala Startup Mission on 5/2/2018.

Our Students from the Department of IT won the Best project Award on Techstarts Startup Weekend powered by Google for entrepreneurs on 21/1/2018.

Our student from MBA got an IDEA DAY product grant of Rs.10 lakhs for his product Dhe Auto(online auto app) on 2/1/2018.

Adi Shankara IEDC Bootcamp has been recognized by E-Cell IIT Bombay for becoming the finalist in Basic Track of National Entrepreneurship Challenge 2017- 2018 organized at IIT Bombay.

IEDC guided project, Jackfruit Plucking Equipment, done by Mechanical Engineering Students got 2nd prize and 10K cash prize in all Kerala Jack Fruit Plucking Equipment challenge conducted by KTU.

Our innovative Project, Machine to dispose off used sanitary napkins chemically, done by AiswaryaParamadathil (AE&I) has received Patent. The project was fully supported by our IEDC. Patent no: 298227

AiswaryaParamadathil our AE&I student has won the Gandhian Young Technological Innovation Award on 13/3/2016 in the Festival of Innovation held at Rashtrapati Bhavan

On 23rd August 2016 Kerala Startup Mission [KSUM] organized the IEDC Summit at Thiruvananthapuram. AdiShankara IEDC was recognized as one among the most active IEDC clubs in the state and presented with memento for being one of the top 20

IEDCs.

Activities

As a part of enhancing the eco system and promoting young minds, AdiShankara IEDC in association with Asianet News has been organising an innovation challenge named AdiShankaraAsianet News Young Scientist Award for the past 3 years where the winners get an opportunity to visit NASA, USA.

AdiShankara IEDC in association with HACK CLUB, USA conducted an International MLH Local Hackathon for both school and college students.

As a part of enriching the creativity and innovation among our students AdiShankara IEDC in association with KSUM has been conducting an innovation challenge named APJ ABDUL KALAM INNOVATION CHALLENGE for the past 3 years where we identify potential student projects, mentor and fund them to convert it into a marketable products.

AdiShankara IEDC in association with ICT Academy has conducted a series of Intercollegiate Design Thinking Workshop for enhancing the creative capability among students to develop a marketable product.

As a part of building relationships with Industry and solving their problems AdiShankara IEDC has conducted a series Factory Workshop on INDUSTRY 4.0. We also got special appreciation from Apollo Tyres for conducting the same.

In order to encourage female entrepreneurship, AdiShankara IEDC in association with 4Tune Factory conducted a series of Women Empowerment through Entrepreneurship Workshops (Prayaana) for girl students of ASIET.

As a part of 'Mentoring our campus startups' AdiShankara IEDC conducts an Alumni Entrepreneurs Conclave. It's a platform for our Alumni Entrepreneurs to share their stories and experiences, which got reflected as a strong mentoring mechanism.

As a part of providing funding to our student projects IEDC conducted a 1 min elevator pitch challenge, where students pitch their idea and get funding for their campus projects.

IEDC also conducts Faculty Development Programs (FDP) like IPR, PATENT, Latest Technologies, Entrepreneurship Training for enhancing the interest of our faculty members towards Entrepreneurship.

In order to strengthen the technical skill sets of the student community AdiShankara IEDC conducted a series of Workshops on Latest Technologies like Robotics, Artificial Intelligence, Engine Assembly, Drone Making, Fab Lab basics and 3D printing, Android app development, Web Development, Virtual reality Game Development etc.

IEDC Report

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1 Eldhose P Sim Computer Science & Engineering 9946725602 Nodal Officer
2 Dr. Rahual Kirshnan Electronics & Communication Engineering 80724 12362 Asst. Nodal Officer
3 Nowar Lal Mechanical Engineering S7 7593930397 IEDC Lead
4 U Hari Krishnan Computer Science & Engineering S7 9895714641 Asst. IEDC Lead
5 Alvin Regin Computer Science(AI) S7 8590090725 Technology Lead
6 Ardhra K Shaji Computer Science(AI) S5 8136815808 Asst. Technology Lead
7 Rahul James Civil Engineering S7 8138972639 Event Lead & IPR Coordinator
8 Melvin Mathew Jacob Electronics & Bio Medical Engineering S5 9447869791 Asst. Event Lead & IPR Coordinator
9 Nandana Computer Science & Engineering S5 7306154822 Asst. Event Lead & IPR Coordinator
10 Benchacko Chittilappilly Electrical & Electronics

Engineering S7 7902873801 Finance Lead 11 Aparna Prasad Electronics & Communication Engineering S5 6238579611 Asst.Finance Lead 12 Sanchu M Electrical & Electronics Engineering S5 7994354938 Creative and Innovation Lead 13 Ajin P D Computer Science(AI) S5 7594088348 Asst. Creative and Innovation Lead 14 Lakshmi Nandana R Computer Science & Engineering S3 7907633240 Asst. Creative and Innovation Lead 15 Aaron P Laju Computer Science(AI) S7 9446587487 Community Lead 16 Lijo k Simon Robotics and Automation S7 8893960149 Asst.Community Lead 17 Arjun Bittaj Computer Science(AI) S5 9496440680 Asst.Community Lead 18 Nanditha Nambiar Computer Science & Engineering S5 7304396216 Women Entrepreneurship Lead 19 Malavika Muraleedharan Computer Science(AI) S3 8921783431 Asst. Women Entrepreneurship Lead 20 Alan S Puthussery Robotics and Automation S7 7034967829 Branding and Marketing Lead 21 Noel Mathew Electronics & Communication Engineering S7 8129170150 Quality and Operation Lead 22 Adarsh Jomon Robotics and Automation S5 9946519553 Asst. Quality and Operation Lead

For more details visit our official website

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Technology Business Incubators (TBI)

The Adi Shankara Institute of Engineering and Technology, Kalady, has launched the Technology Business Incubators (TBI) Startup Boot Camp Chapter, creating an exciting platform for student ventures. Supported by Startup Village, the college management, and Kerala Startup Mission (Technopark TBI), a full-fledged IEDC Boot Camp has been established at the institute.

Objectives of TBI:

Foster entrepreneurship among students, faculty, and alumni.

Develop ideas into marketable products or services using advanced technology.

Assist new entrepreneurs in product development tailored to market needs.

Create customized product-to-market strategies for startups.

Incubate research results and business ventures from experienced entrepreneurs.

Attract technology-based companies and promote small and medium industries on campus.

Generate employment, revenue, and export opportunities through new technology products.

Develop effective networks for technology-based startups.

Raise awareness about technology incubation and commercialization of R&D products.

Focus Areas:

Automation of traditional systems to uplift rural communities.

Robotics and Industrial IoT.

Rural Technology.

Green Technology.

AI & ML in Healthcare.

In 2019, the Kerala State Industrial Development Corporation (KSIDC) sanctioned a Technology Business Incubation Centre at Adi Shankara. Currently, 10 alumni startups, including ICube Design Studio, PenserLabs, RIOD Logic, Edith Industries, and AIYGON, are incubated. Notably, two of these startups, Alygon and Edith Industries, are women-led, reflecting the campus's commitment to women empowerment through entrepreneurship.

Support and Strategy:

Seed funding up to ₹5 lakhs for initial product development.

Marketing support, including digital/print media branding, product launch coverage, startup exhibitions, corporate promo video production, PR activities, and digital marketing consultation.

Partnerships with Amazon, Google Cloud, and HubSpot for startup savings on tools and services.

Action Plan:

Focus on transitioning ideas to commercially viable products through three stages: Pre-Incubation (3-6 months), Incubation (6-12 months), and Acceleration (1-2 years).

Provide part-by-part funding policies (scale-up grants, R&D grants, marketing support grants).

Partner with relevant solution providers to simplify the startup journey and offer substantial savings on essential tools and services.

TBI Report

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IPR Cell

With the advancement of engineering Science and Technology, and the proliferation of knowledge in developed and developing countries, inventions and creations have become a daily affair. The caution to safeguard the individual's product of human intellect from abuse or misuse has necessitated a legal security cover. The incubation centers in almost all HEIs seek legal assistance to protect the inventions and the interests of the inventor and the laws concerned are called Intellectual Property Rights. Adi shankara institute of engineering and technology kalady, with the intention of creating awareness among the Faculty and the Research Scholars, has launched the IPR Cell on 25.06.2018 with an Orientation program on Intellectual Property Rights. The IPR Cell of our college is committed to encourage the creativity and innovation that happen on its premises leading to generation of Intellectual Property. This Cell extends its services to the in-house scholars as well as the common public of our locality.

Co-ordinator - Dr. P Jenopaul, Professor, Department of Electrical and Electronics Engineering

IPR Policy

Academic and Research Institutions are concerned with successfully managing projects and research initiatives and the protection of their IP Rights which will benefit all stake holders.

Salient Features of the Policy

Right to be in joint name: -The patent shall be taken in the joint names of the college and the inventor

The inventor may retain ownership if the IP is developed without use of college resources and time.

The expenses in connection with the registration of any I.P.R. shall be borne by the college.

Any profit accruing from the patent shall be shared between the college and the inventor as per policy.

The person responsible for the invention or discovery shall render free service to the college in connection with the exploitation of the patent. The terms on

which patents may be offered for exploitation shall be determined solely by the college

The college faculty and students may publish their research outputs provided that are not copyrightable/patentable intellectual property.

The process to be followed for filing a patent has been explicitly defined in the policy, and is to be followed for an efficient process.

Obligations of the Inventor

Disclose the invention in a thorough manner.

Have trust on the IPR. cell and provide information as and when asked for.

Provide assistance throughout the period of intellectual property rights procedures.

Objectives

To orient the Faculty, Research Scholars and Students on the importance of IPR through workshops and seminars

To organize periodic meetings with the experts from Patent Information Centre for identifying patentable inventions

To guide and support the common public in obtaining protection for their creative ideas/inventions

To create a conducive environment for the development of Intellectual Property(IP)

To facilitate proper understanding of a wide range of legal concepts with regard to Copyrights, Trademarks, Patents, Geographical Indication, and Industrial Designs and Models

To foster innovations leading to Human progress and advancement

Realizing the potential of the Higher Education Institutions in incubating ideas and providing solutions, the IPR Cell of our college is committed to the cause of converting society-friendly research concepts to valuable patents.

Responsibilities

Conducting IPR outreach activities

Celebrating World IP Day on 26 April of every year

Counseling on career opportunity in IPR

Career assistance and guidance on preparation for Patent Agent Examination, Trademark Agent Examination TIFAC Women scientists scheme (1 year training on IPR), other IP positions and the required skills

Providing assistance in scientific R&D by providing the latest publication and patents on the subject

Providing prior-art search reports for analyzing Intellectual property

Providing Patentability opinion on invention

Drafting patent specifications

Preparation of documents for filing IPR Applications

Filing IPR Applications and follow-up thereafter

Facilitating IPR services including outsourcing, coordinating with experts like advocates, agents etc. for various IPR needs including IPR watch, oppositions, litigations etc.

IPR Cell Executive Members

1 Dr. M S Murali Principal Chairperson 2 Dr. P Jenopaul Faculty Member Member 3 Adv. Febin James Civil And Criminal Lawyer Member 4 Er. Ajay Basil Varghese Incubation Head Member 5 Er. Krishnaprasad V Alumni Industrial Expert Member Secretary

Activities of IPR Cell

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IIC

Under the guidance of Ministry of Human Resource Development (MHRD) Institutions Innovation Council (IIC) at ASIET was established in the academic year 2019-2020. The innovation and entrepreneurship promotion and support programs are organised to ensure round the year activities in campus for effective engagement, learning and practicing innovation and entrepreneurship among student and faculty community.

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

MIC has envisioned encouraging the creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses.

The major focus of IIC

To create a vibrant local innovation ecosystem.

Start-up supporting Mechanism in HEIs.

Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.

Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.

Develop better Cognitive Ability for Technology Students.

To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded fashion.

Identify and reward innovations and share success stories.

Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.

Network with peers and national entrepreneurship development organizations.

Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.

Organize Hackathons, idea competition, mini-challenges etc with the involvement of industries.

IIC Executive Members

Members Designation Role Dr. M S Murali Principal Head Albins Paul Assistant Professor President Dr. Ajay Kumar Associate Professor Convener Ranjeesh R Chandran Assistant Professor Vice President Abishek Kumar A.A Assistant Professor ARIIA Coordinator, NIRF Coordinator Sandeep O S Assistant Professor Internship Activity Coordinator Sijo George Associate Professor Social Media Coordinator Dr. Jeno Paul Professor IPR Activity Coordinator Eldhose P Sim Assistant Professor Innovation Activity Ajay Basil Varghese Assistant Professor Start-up Activity Coordinator Arya Paul Assistant Professor Member Remya Ramesh Assistant Professor Member Sreehari S Assistant Professor Member Alan Mathew George Assistant Professor Member Dr. Jithesh K Associate Professor Member Dr.Sanaj M S Associate Professor Member Nikhil Narayan Assistant Professor Member Eldhose K Joy Assistant Professor Member Dona Joy Assistant Professor Member

IIC Report Establishment Certificate IIC Appreciation Letter

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Vision

The 'National Student and Faculty Startup Policy-2019' is initiated by MHRD's Innovation Cell and AICTE. It is a guiding framework to envision an educational system oriented towards start-ups and entrepreneurship opportunities for student and faculties.

The guidelines provide ways for developing entrepreneurial agenda, managing Intellectual Property Rights (IPR) ownership, technology licensing and equity sharing in Start-ups or enterprises established by faculty and student and encourage them to actively pursue path of innovation and entrepreneurship

Our vision is to develop high quality technical human resource capable of doing cutting edge research and innovation and deep-tech entrepreneurship.

Mission

To establish vibrant and dynamic Startup Ecosystem across all the departments.

To enable the institute to actively engage students, faculties and staff in innovation and entrepreneurship related activities.

To create a space for Collaboration, Co-creation, Business Relationships and Knowledge Exchange.

To facilitate the institute in terms of Intellectual Property (IP) ownership management, technology licensing and equity sharing.

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Fablab

ASIET FABLAB is a state-of-the-art digital fabrication laboratory designed to enable the creation of almost anything. This facility is available to both faculty and students for developing creative design projects and is open to all technology disciplines as well as external partners with permission. Spanning 1,365 square feet, the lab is fully equipped to produce marketable products in a short time frame.

Objectives

Foster an entrepreneurial culture through research and innovation among students, faculty, alumni, and external startups.

Provide a facility for individuals without formal education to develop prototypes.

Support Small Scale Industries (SSI) and Micro, Small & Medium Enterprises (MSME) in wealth creation through innovative and value-added products.

The ASIET FABLAB aims to drive innovation and entrepreneurship by offering cutting-edge tools and resources for creative development and prototype creation.

Facilities

3D Printing

Vinyl Plotting

PCB Milling

Laser Cutting/Engraving

3-Axis CNC Milling

Sand Blasting

Screen Printing

Electronic Production

The ASIET FABLAB aims to drive innovation and entrepreneurship by offering cutting-edge tools and resources for creative development and prototype creation.

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Atal Rankings of Institutions on Innovation Achievements (ARIIA) is an initiative of the Ministry of HRD, implemented by AICTE and Ministry's Innovation Cell, Government of India to systematically rank higher education institutions and universities in India on indicators related to Innovation, Startup and Entrepreneurship Development amongst students and faculty. The major parameters on which ARIIA is based are Programs and Activities on IPR, Innovation, Start-up and Entrepreneurship, Pre-Incubation & Incubation Infrastructure & Facilities to Support I&E, Annual Budget Spent on Promoting and Supporting I&E Activities, Courses on Innovation, IPR and Entrepreneurship Development, Intellectual Property (IP), Technology Transfer and Commercialization, Successful Innovation and Start-ups & Funding Innovation & start-ups.

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Staff Welfare

Brahma

Tech Fest - Ashwamedha

Young Scientists Award

Cultural Fest

Sports

Industry Institute Partnership Cell (IIPC)

Interaction between Institutions and Industries is the need of the hour. Students get an exposure on actual industrial environment and a chance to understand their work culture. Subsequently, students acquire knowledge about their career and helps them to prepare for placement in various disciplines.

On the other hand, industries are also facing stringent competitions and are in need of students who are aware of industry standards and capable of achieving the same. This calls for an urgent need for interaction of industries and academics. The industries can participate with institutes in moulding the students for industry ready by providing training. To materialize this, bridging the gap between industry and the institute is a must and for this, an Industry Institute Partnership Cell was constituted in February 2018 at ASIET.

The Industry Institute Partnership Cell at ASIET provides a platform to the institute and the industries. The aim of this platform is to join the hands considering all the stakeholders such as institutions, industry, students and society stand to gain as it can be a win-win partnership.

The continuous outcome of this partnership in terms of all the stakeholder's benefits is: students and faculty members to be aware of industry expectations of skill sets required for the students. The students understand the lacunae in their skills and provide an opportunity to upgrade them by gaining the knowledge, hands on training, beyond their regular curriculum. It also enables faculty to meet the global challenges, industry expectations and to nurture the students through effective teaching learning processes. The industry gets assistance of dynamic student force as well as guidance of expert faculty members in R&D and for solving their complex problems. The Industry stands to gain the skilled manpower as per its requirement.

Benefits for the Industries Under IIPC

To earmark the students for future employment during their internship period itself and providing them proper skill sets by which, students will be industry ready from the day one of their career.

Industry can plan and build their future work force by providing suitable training and inculcating proper skill sets to the students

Institute assists in upgrading qualification of the industry people, under continuing education in part time or distance education mode.

Industry experts can hone their knowledge and skills by actively participating in delivering the lectures and seminars for both faculty members and students.

Use of specialized database / lab equipment of the institute.

Institute can cater the tailor made short term training programs for shop floor personnel through continuing education program.

Involvement of industrial experts in the committees like board of studies, academic councils etc.

Associating with the institutes and active participation in the developmental activity portrays the social responsibility of the industry.

Institute Expectation from Industry

Use of Industrial labs under proper guidance by the institute

Research fellowship support and guidance from industry.

Industry training and projects for both faculty members and students.

Assistance in obtaining the sponsored research project from various funding agencies.

Scope for consultancy work for the faculty members with their expertise.

Involving both faculty members and students in R & D activities.

Campus drive and employment to the students

To enrol faculty members to assist in designing the contents for training the employees

Scholarship instituted by industries for students.

Joint Benefits

Joint research publications

Joint patents

Industry Institute personals exchange program.

Collaborative educational programs

To create new ideas and applications for product development

Curriculum development

Joint funded projects.

Members of IIPC

Name	Department	Role
Sri Prasanth P Menon	Electronics and Communication Engineering	Chief Coordinator
Smt Safeena M K	Robotics and Automation Engineering	Department Coordinator
Smt Neethu Suman	Electronics and Communication Engineering	Department Coordinator
Smt Jyothilekshmi R	Civil Engineering	Department Coordinator
Sri Sreehari S	Electrical and Electronics Engineering	Department Coordinator
Smt Sobha T	Computer Science and Engineering	Department Coordinator
Dr Shyni Shajahan	Computer Science and Engineering	Department Coordinator
Sri Nimal Namboodiripad	MBA	Department Coordinator
Sri Goutham S	Mechanical Engineering	Department Coordinator
Dr Lakshmi M Hari	Electronics and Biomedical Engineering	Department Coordinator

Thrust Areas

In line with the stated aim and objectives, the institute has decided to join hands with the industry. The partnership would build up mutual benefits when a strategic relationship is developed among the two parties. The ultimate aim of this partnership will be the creation of confidence in industry by the institute, which would result industries involving voluntarily the institute at

various stages of its development.

The development of such strategic relationship, following thrust areas have been identified, which require immediate attention for most of the thrust areas and action over the period of time to few critical areas.

Enhancing the teaching and learning process

Exchange of experts between the institute and industry

Involvement of teaching staff in industry

Institute to gain confidence in industry

Institute as a consultant in R&D.

Technological Database

Continuing Education program

Establishment of linkages

Institute's self-reliance in Finances

IIPC Activities

Industry Visits and Interactions: Organizing visits for students and faculty of ASIET to industries to understand their operations, technologies, and work culture. This helps bridge the gap between theoretical knowledge and practical application.

Guest Lectures and Workshops: Inviting industry experts to ASIET to deliver guest lectures, conduct workshops, or seminars on emerging trends, technologies, and industry best practices. This enriches the learning experience for students and keeps faculty updated with industry advancements.

Internship and Placement Support: Facilitating internship opportunities for students in industries relevant to their field of study. IIPC also assists in organizing placement drives, connecting students with job opportunities in partner industries.

Collaborative Research Projects: Initiating and supporting joint research projects between faculty members of ASIET and industry professionals. This encourages innovation, problem-solving, and knowledge exchange between academia and industry.

Skill Development Programs: Offering skill development programs, certification courses, or industry-relevant training sessions to students and faculty members of ASIET. This ensures that graduates are equipped with the necessary skills and knowledge sought by industries.

Consultancy Services: Providing consultancy services to industries through faculty expertise. This could involve solving industry-specific problems, conducting feasibility studies, or offering technical advice.

Industry-sponsored Projects: Encouraging industry-sponsored projects where industries fund specific research or development initiatives undertaken by the institute. This fosters collaborative innovation and mutual benefit.

Entrepreneurship Support: Supporting and nurturing entrepreneurial initiatives among students and faculty members. This could involve mentoring, providing incubation facilities, or connecting aspiring entrepreneurs with industry mentors and investors.

Conferences and Seminars: Organizing industry-academia conclaves, conferences, or seminars to facilitate networking, knowledge sharing, and discussions on pertinent topics affecting both sectors.

Establishing Industry Partnerships: Actively seeking and maintaining partnerships with industries through memoranda of understanding (MoUs) or collaboration agreements. This strengthens the institute's industry connections and opens doors for future collaborations.

Important MoUs Signed

Pragmatix learning edutech pvt ltd. Digital core technologies Knowup knowledge foundation Aester India Pvt Ltd. Indian Navy Laxmiinfotek,kalamassery Harvard Business school Vi Microsystems Pvt Ltd. Little Flower Hospital and Research Center Technovia Info solutions Beacon Energy Storage systems Pvt Ltd. Indian Biomedical skill Council (IBSC) Federal Academy for cyber education (FACE) Orb Energy Bangalore Pvt Ltd. Facein Technologies Pvt Ltd. EQUINOCT Community sourced modelling solutions LLP TILTEDU pvt Ltd. L & T (Switch gear ,Training centre),Ooty Alibi Global Pvt Ltd. RIOD Logic pvt Ltd. Srishti Robotics Technologies Pvt Ltd. Pappy Joe Enterprises Pvt Ltd. Prolific Systems and Technologies Pvt Ltd. Malaysia University of science and Technology KKM soft pvt Ltd Agro Park Industrial Foundation , piravom Kerala State Electronics Development Corporation Ltd. Aaba soft Technologies Pvt Ltd,Kochi Furniture and Fittings skill Council (FFSC) Weband Crafts ,Koratty NEST institute of fiber optic technology Bharatiya vidya bhavan,kochi kendra IIIT , Kottayam Natureka Green Technologies Pvt Ltd Team Wentainer incubation at IIT palakkad AMUSEUM ARTSCIENCE ,Trivandrum Aeronne dynamics Infosys spring board I CUBE Athul Energy Project Management unit,Rebuilding Kerala ICT Academy NIT Trichy and SIEMENS centre of excellence Suyati Technologies Pvt Ltd.

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About NEP

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About NEP

IKS

Virtual Lab

Adi Shankara Digital Academy

Adi Shankara Skill Kendra

Shankara Sara Sangraha

NPTEL Local Chapter

The National Education Policy (NEP) of India is a comprehensive framework aimed at overhauling the educational system in the country to meet the needs of the 21st century. The NEP envisions a holistic and multidisciplinary approach to education, breaking down silos between different streams and promoting a broad-based, flexible curriculum.

The implementation of the National Education Policy (NEP) at Adi Shankara Institute of Engineering and Technology likely includes several key initiatives to align with the policy's objectives. Here are some potential aspects of NEP implementation at the institute:

Promoting Indian Knowledge System (IKS)

Adi Shankara Digital Academy (ASDA)

Virtual Lab

Adi Shankara Skill Kendra

Shankara Sara Sangraha

NPTEL

Institutional Preparedness for NEP

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Campus

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Campus

NSS @ ASIET

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Canteen

IT Infrastructure

Bank & ATM

Central Facilities

Wellness Clinic & Professional Counselling

Transportation

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Power & Backup

Divyangjan Facilities

Anti Ragging Cell

Student Grievance Cell

Gender & Equity Cell

SC/ST Committee

Women Empowerment Cell

Internal Complaint Cell

Central Library

IEEE

Arts & Theatre Club

Literary Club

Institution's Innovation Council (IIC)

Quiz Club

UHV Cell

Mathematics Club

Science Club

Faculty Professional Enrichment Cell

IEI

ASME

SEEM

Entrepreneurship Club

ISME

GDSC

SAEINDIA

BMESI

AI Club

CodeX

RAS

ISA

TRS

IIPC

PTA

Physical Education

Staff Wellfare

Brahma

Tech Fest - Ashwamedha

Young Scientists Award

Cultural Fest

Sports

NSS@ASIET

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the students to take part in various government led community service activities &

programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service. The National Service Scheme was started to establish a meaningful linkage between the campus and the community. NSS activities aim at personality development through community service. Two NSS units were established at Adi Shankara Institute of engineering and Technology, Kalady in 2015 under NSS Technical cell of Directorate of Technical education. Our NSS units are very keen to mould social engineers through student-community engagement. From 2019 onwards NSS Unit is functioning under APJAKTU NSS Cell.

NSS unit of ASIET and Program officer received the NSS national award 2020-21 from President of India. We also secured Kerala state NSS awards for best NSS unit, best program officer and best volunteer in consecutive years 2019-20 and 2020-21. We secured University NSS award for best volunteer in 2022, best unit, best program officer and best volunteer award in 2021. ASIET NSS unit received directorate awards for best unit, best program officer and best volunteer award in 2019 and 2020. Our NSS volunteers have been participated in international youth exchange program, National integration camps and Pre-RD selection camps. Our NSS units are undertaking environment protection activities, blood donation camps, awareness campaigns, Energy conservation activities, home for homeless project, swachh bharat activities farming activities and charity works etc.

Objectives of National Service Scheme (NSS)

Understand the community in which they work

Understand themselves in relation to their community

Identify the needs and problems of the community and involve them in problem-solving

Develop among themselves a sense of social and civic responsibility

Utilize their knowledge in finding practical solutions to individual and community problems

Develop competence required for group-living and sharing of responsibilities

Gain skills in mobilizing community participation

Acquire leadership qualities and democratic attitudes

Develop capacity to meet emergencies and natural disasters and

Practice national integration and social harmony

Activities

Women empowerment programs

Computer literacy programs

Technology mentorship to community

E - literacy programs for housewives

Drinking water testing

Training for rain water harvesting

Rejuvenation of water sources in surrounding areas

Blood donation camps

Anti-ragging campaigns

Awareness campaigns on road safety, blood donation, organ donation, aids, women education, human rights, women empowerment, ill effects of narcotics, protection of environment, climate change, health and hygiene

Upliftment of underprivileged sections of society

Awareness classes on world environment day

Awareness classes to prevent spread of epidemics

Cleaning initiatives

Visits to old age homes, orphanages etc.

Reports

2023-2024 2022-2023 2021-2022 2020-2021 2019-2020 2018-2019 2017-2018 2015-2017

Activities

Painted the walls of Yordhanpuram Anganwadi with Cartoon Pictures

Sep 09, 2023

Ormikkan Oronam

Aug 25, 2023

Sneha Oonu

Aug 24, 2023

Cycle for Health

Apr 28, 2023

Environment Day

Jun 05, 2023

Tidal Flood Calendar

Jul 28, 2021

Pond Cleaning

Jul 28, 2022

Campaign Against Dengue Fever

Jun 25, 2023

Distributed School Kits at Adopted village

Jun 01, 2023

Home for homeless

Jan 17, 2020

World Heart Day - Walkathon

Sep 29, 2023

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Water Harvesting

STP

Samridhi Kendra (Bio Bin Composting System)

Ayush Maruthwa Park & Vegetable Garden

Solid Waste Management

Green Audit

Energy Audit

Eco Vision Initiatives

Adi Shankara Institute of Engineering and Technology (ASIET) has received numerous awards and accolades for its impactful social extension activities. These recognitions highlight the institute's dedication to community service and humanitarian efforts. These awards reflect ASIET's continuous commitment to making a positive impact on society through its social extension activities and community engagement.

Some notable awards include:

SL NO Academic Year Awards/Certificate of appreciation Governmental/non-governmental
1 2022-2023 Achievement Certificate for coordinating project-Ganitham Kerala State NSS cell(Govt.)
2 2022-2023 Appreciation Certificate for organizing a voluntary Blood Donation Camp KSBTC(Govt.)
3 2022-2023 Appreciation certificate for coordinating District Level Quiz Competition Kerala State Excise Department(KSED)(Govt.)
4 2022-2023 Appreciation certificate in IEDC Summit Kerala start-up Mission(Govt.)
5 2022-2023 Certificate of recognizing IEDC as a TBI Kerala start-up Mission(Govt.)
6 2022-2023 IAS CMD Outstanding Member Award IEEE Kerala Section(Non-Govt.)
7 2022-2023 Regional Exemplary Student Branch Award. IEEE Kerala Section(Non-Govt.)
8 2022-2023 Outstanding Student Volunteer award. IEEE Kerala Section(Non-Govt.)
9 2021-2022 Appreciation for organizing State Level ENERGY CELL Annual Meet. APJ Abdul Kalam Technological University(APJAKTU)(Govt.)
10 2021-2022 Best NSS volunteer award APJ Abdul Kalam Technological University(APJAKTU)(Govt.)
11 2021-2022 Best regional Coordinator of ' Rudhirasena ' APJ Abdul Kalam Technological University(APJAKTU)(Govt.)
12 2021-2022 Regular Blood Donor award Terumo Penpol Pvt Ltd(Non Govt.)
13 2021-2022 Appreciation in District level competition Sparsham-21 Dept. of Higher-Education and KSED(Govt.)
14 2021-2022 Appreciation certificate for the service as coordinator to Covid Warriors Kerala State NSS Cell(Govt.)
15 2021-2022 Appreciation certificate for organizing the maximum number of blood camps APJAKTU NSS Cell(Govt.)
16 2021-2022 Appreciation certificate for exemplary service as COVID warrior cell Dept. of Higher-Education (Govt.)
17 2021-2022 Appreciation Certificate for coordinating the virtual IEDC SUMMIT Kerala Start-up Mission(Govt.)
18 2021-2022 Outstanding Branch Counsellor Award IEEE(Non-

Govt.) 19 2021-2022 Regional Exemplary Student Branch Award. IEEE(Non-Govt.) 20 2021-2022 Achievement Certificate for securing Overall Champion-Gold in Orion-2.0 IEEE(Non-Govt.) 21 2021-2022 Outstanding Student Humanitarian Volunteer Award IEEE(Non-Govt.) 22 2021-2022 Outstanding Student Volunteer award IEEE(Non-Govt.) 23 2020-2021 Appreciation Certificate to NSS unit District Suchithwa-mission, Ernakulam(Govt.) 24 2020-2021 Best NSS program officer award APJAKTU NSS Cell(Govt.) 25 2020-2021 Best NSS Volunteer award APJAKTU NSS Cell(Govt.) 26 2020-2021 Best NSS unit award APJAKTU NSS Cell(Govt.) 27 2020-2021 Best NSS unit Award Dept. of Higher-Education(Govt.) 28 2020-2021 Best NSS Volunteer award Dept. of Higher-Education(Govt.) 29 2020-2021 Best NSS program officer Dept. of Higher-Education(Govt.) 30 2020-2021 National award for best NSS unit Govt. of India 31 2020-2021 National award for Best NSS Programme Officer Govt. of India 32 2020-2021 Featured in mygov.gov page as a best practice Govt. of India 33 2020-2021 Appreciation for Innovative project International Chamber for Service Industry(Non-Govt.) 34 2020-2021 Regional Exemplary Award 2020 IEEE(Non-Govt.) 35 2019-2020 Best NSS unit award Dept. of Higher-Education(Govt.) 36 2019-2020 Best NSS program Officer award Dept. of Higher-Education(Govt.) 37 2019-2020 Best NSS volunteer award Kerala State NSS Cell(Govt.) 38 2019-2020 NSC Social Service Award NSC(Non-Govt.) 39 2019-2020 Top Performer Award in FAB challenge Kerala-Start-up- Mission(Govt.) 40 2019-2020 Outstanding Volunteer Award IEEE(Non-Govt.) 41 2018-2019 Best NSS unit award Kerala State NSS Cell(Govt.) 42 2018-2019 Best NSS program Officer award Kerala State NSS Cell(Govt.) 43 2018-2019 Best NSS Volunteer award Kerala State NSS Cell(Govt.) 44 2018-2019 Best Swatch-Bharath Intern Award Kerala State NSS Cell(Govt.) 45 2018-2019 Appreciation for Punarjjani Kerala State NSS Cell(Govt.) 46 2018-2019 Appreciation Certificate for green protocol implementation HK Mission(Govt.) 47 2018-2019 Appreciation Certificate for promoting 'Financial Inclusion' Scheme Postal department(Govt.) 48 2018-2019 Certificate of completion of AQMS product ITI(Govt.) 49 2018-2019 Entrepreneurship Enabler Award Kerala-Start-up-Mission(Govt.) 50 2018-2019 Secured third position in Tech4seva Kerala Agricultural University(Govt.) 51 2018-2019 Outstanding Student Volunteer Award IEEE(Non-Govt.)

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Bhoomithra Sena

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NEP

Bhoomithra Sena

For strengthening the environmental commitment of students at college level in the State, Directorate of Environment & Climate Change (DoECC) has launched the 'Bhoo Mithra Sena' programme. Through this programme, it is intended to establish Bhoomithra Sena Clubs (BMCs) in all districts through the colleges of the State. Now it is extended to Higher Secondary Schools in the State as well. A unit of BMC is actively functioning at Adi Shankara Institute of Engineering and Technology , since 2013.

Objectives

To encourage the students to appreciate environment and environmental issues of the locality

To provide environmental education opportunities for students and involve them in addressing environmental issues of the locality

To utilize the enormous manpower available with students as conduits for awareness of the society

To make students practice and advocate sustainable lifestyles

To improve the overall environmental quality of the institution.

Activities

Organize Seminars, debates, lectures and popular talks on environmental issues in the College/ Schools and surrounding areas. Field visits to local environmentally important sites including polluted and degraded sites, wild life parks, coastal areas, etc. Organize awareness camps to propagate waste minimization, personal hygiene habits and sustainable life styles. Observance of at least two of the following environmentally significant days.

World Wetland day – 2nd February

World Forestry day – 21st March

World Water day – 22nd March

World Meteorological day – 23rd March

World Earth day – 22nd April

International Bio Diversity day – 22nd May

World Environment Day – 5th June

World Ocean Day – 8th June

World Ozone Day – 16th September

National Pollution Prevention Day – 2nd December

Mobilize awareness against environmentally unsound practices like garbage disposal in unauthorized places, unsafe disposal of hospital wastes, etc.

Actions based activities like tree plantation, cleanliness drives within and outside the campus, maintain waste management units, construct water harvesting structures, practice recycling etc.

Prepare inventories of polluting sources; take mitigation measures if possible, and if not, forward it to enforcement agencies.

Monitor the water quality of water bodies in and around the campus, including drinking water sources and ascertains its potability and suitability of use. The concerned district office of KSPCB will assist in water quality testing etc.

Curriculum related assignments on local environmental issues including pollution monitoring, biodiversity surveys, Waste management, documentation of indigenous traditional knowledge etc

Prepare locally relevant resource materials.

BMS-MoU2022-2023 2021-2022 2020-2021 2019-2020 2018-2019 2017-2018

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Unnat Bharat Abhiyan

Unnat Bharat Abhiyan (UBA) is a flagship program of the Ministry of Education with the vision of transformational changes in rural development processes by leveraging knowledge institutions to help and build the architecture of an inclusive India and to have a paradigm shift in academic and research programs of the country. This Scheme intends to link the Higher Education Institutions (HEIs) with a set of at least five villages. These HEIs can contribute to the social and economic betterment of the village communities by using their knowledge based under UBA. Under this scheme Adi Shankara Institute of Engineering and Technology has adapted five villages in Ernakulam District.

Vengoor

Vengoor West

Kizhakumbhagam

Thekkumbhagam

Kombanad

The UBA of our college engages the students to identify the development issues in rural areas and find sustainable solutions. Our students also have a strong connection with the rural public and want to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions. UBA also conducts various activities, such as hands on training, Swatch Bharat, tree plantation, Cleaning drive, etc to enhance the student's promotional activities.

Objectives

To engage the faculty and students of Higher Educational Institutions in understanding rural realities.

To identify & select existing innovative technologies, enable customisation of technologies, or devise implementation methods for innovative solutions, as per local needs.

To leverage the knowledge base of the educational institutions for effective implementation of various government programmes.

Unnat Bharat Abhiyan Report

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Swachh Bharat

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Swachh Bharat

Swachh Bharat Mission was launched on 2nd October 2014 throughout length and breadth of the country as a national movement. The campaign aims to achieve the vision of a 'Clean India' by 2nd October 2019. The Swachh Bharat Abhiyan is the most significant cleanliness campaign by the Government of India. This drive was formulated to cover all the cities and towns of India to make them clean. This campaign was administered by the Indian government and was introduced by the Prime Minister, Narendra Modi. It was launched on 2nd October in order to honor

Mahatma Gandhi's vision of a Clean India. The cleanliness campaign of Swachh Bharat Abhiyan was run on a national level and encompassed all the towns, rural and urban .NSS and Bhoomithrasena club of Adi Shankara Institute of Engineering and Technology is organizing the swachh Bharat activities in and outside the campus. College is giving importance to maintain campus clean and hygiene.

Objectives

To make everyone understand the importance of cleanliness and maintain it for ever to continue a healthy life

To bring a behavioural changes among people regarding maintenance of personal hygiene and practice of healthy sanitation methods

To eliminate the open defecation

To promote and implement proper waste management

To strengthen the cleanliness system in campus and villages through students involvement

To promote the message of cleanliness through awareness and education program.

Swachh Bharat Activities

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The Energy Management Centre – Kerala (EMC), is the “State Designated Agency” to co-ordinate, regulate and enforce the provision of the EC Act 2001 in the state of Kerala with the concurrence of BEE, Ministry of Power, Govt. of India and for implementing various schemes under the Act. The Centre is devoted to the improvement of energy efficiency in the State, promotion of energy conservation and encouraging development of technologies related to energy through research, training, demonstration programs and awareness. EMC initiated URJA KIRAN, Energy Conservation Awareness Campaign in 2015.

Objectives

The objective of URJA KIRAN is to create awareness among the general public and equip them for efficient management of all forms of energy, to promote energy efficiency and energy conservation and to develop new sources of energy as well as novel energy technologies with a view to increasing the production and facilitating the use of energy on a sustainable basis. It aims at seeking the Participating Agencies (PAs) to convene, catalyse and facilitate works in the energy conservation related activities in a participatory mode across the State. Therefore, institutions that have been involved in community participation, environment, and energy conservation work are invited to apply for the task.

Activities

This program, in general, focuses on enhancing environmental awareness and fostering critical thinking and problem- solving approaches among participants, by helping them to become actively involved in the exploration of their immediate environment through understanding certain concepts and undertaking

some selected activities' related to Energy conservation and energy efficiency. The intention is to encourage an approach which takes some of these basic ideas and adapts them to suit local needs. Thus the activities of the ECAC program consists of an awareness component to be conducted as an initial phase followed by an action component to be initiated by the PAs as a follow up program. Adi Shankara Institute of Engineering and Technology, Kalady joined with EMC to conduct Urja Kiran project at Angamaly constituency.

Urja Kiran Report

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"Vidyuth," an initiative by the Electrical and Electronics Engineering (EEE) department, began in 2013 with the goal of providing electricity to economically disadvantaged families. Over the past decade, this project has successfully illuminated more than 100 homes, greatly enhancing residents' quality of life. The program continues to address a crucial community need and is driven by the department's commitment to social responsibility. "Vidyuth" not only aims to supply energy but also seeks to raise awareness about electricity usage and instill social consciousness among students.

[Vidyuth Report 2024](#)

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Red Ribbon Club

Home

Social Service Cell

Red Ribbon Club

Red Ribbon Club is a movement started by the Government of India in schools and colleges through which, students will spread awareness over HIV / AIDS. It envisages to instill charity mind among all the students to extend their able help towards developing healthy life styles, donating blood to all the needy by promotion of Regular voluntary blood donation.

The red ribbon is a symbol for both drug prevention and for the fight against AIDS. The Red Ribbon foundation is an organization founded in 1993 whose main purpose is the education about prevention of the Human Immunodeficiency Virus or HIV, Acquired Deficiency Syndrome Related Complex, ARC and AIDS.

Aim

The Red Ribbon Club, aims at harnessing the potential of the youth by equipping them with correct information on HIV/AIDS Prevention, Care, Support and Treatment. It also aims in building their capacities as peer educators in spreading messages on positive health behaviour in an enabling environment and increasing voluntary blood donation from among youth.

Objectives

To reduce new HIV infection among youth by raising their risk perception through awareness programme.

To induce among youth the spirit to help and support people living with HIV/AIDS thereby reducing stigma and discrimination.

To motivate youth and build their capacity as peer educators and change agents by developing their skill on Leadership, negotiation and team building.

To promote voluntary non-remunerated blood donation among youth.

Red Ribbon Report

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Punarjjani

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Social Service Cell

Punarjjani

PunarjJani is a project to revive and improve the basic infrastructure facilities in government hospitals. Due to lack of regular maintenance, equipment, including expensive medical tools, remain unused in many hospitals which will be repaired as part of the scheme. This project aims to enhance infrastructure in government hospitals, focusing on repairing biomedical equipment, furniture, and electrical appliances, directly benefiting the underprivileged. The NSS unit of ASIET has restored facilities at Government Hospital Mattoor, Government Taluk Hospitals in Angamaly, Chalakudy, and Thrissur, and Ayurvedic Medical College, Thrissur. As the camp officer for the Mega Punarjjani Camp by the Directorate of Technical Education, the NSS Program Officer of ASIET coordinated restoration camps at Medical College Trivandrum, General Hospital Ernakulam, District Hospital Aluva, and Government Medical College Ernakulam.

Punarjjani Report

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[Home for the Homeless](#)

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[Home for the Homeless](#)

The ASIET community came together to construct new homes for three families whose houses were destroyed by heavy rain through the combined efforts and contributions of the NSS unit, Alumni Association, staff, and students. Volunteers generously offered their time and services to ensure the project's success.

[Home for Homeless Report](#)

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[Paaristhithikam](#)

'Paaristhithikam' is a component programme of the State Plan Scheme titled 'Environmental Awareness and Incentives' implemented state-wide by the Directorate of Environment and Climate Change (DoECC), Government of Kerala from 2012 onwards. The programme envisages creating environmental awareness and sensitization in the society through actions with motto - 'awareness through action'.

Bhoomithrasena Clubs, educational/academic/research institutions, government departments/agencies, non-governmental organizations and professional bodies which have at least 3 years experience in environmental fields can apply and participate in the programme. The programme shall be implemented based on a theme selected by DoECC in each year. The activities implemented through the programme can be of one to two years duration. Adi Shankara Institute of Engineering and Technology successfully completed paaristhithikam project in 2018-19 and 2019-20.

[Paaristhithikam Report 2019-2020](#)[Paaristhithikam Report 2018-2019](#)

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Response to COVID

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Social Service Cell

Response to COVID

During the COVID-19 pandemic, Adi Shankara Institute of Engineering and Technology (ASIET) took various proactive measures to support both its community and the broader public, ensuring safety and continuity in education while contributing to pandemic relief efforts.

During the COVID-19 pandemic, ASIET made significant societal contributions. ASIET developed and distributed sanitizer dispenser units to government institutions, including district administration offices, police stations, hospitals, banks, railway stations, and panchayat offices. To address ventilator shortages, ASIET build a ventilator system to Ernakulam General Hospital. ASIET created software to assist COVID-19 volunteers in Kalady and Vadakekara Panchayats. The institute's socially responsible activities included distributing free masks and sanitizers, providing clothing and food to orphanages and old age homes, and donating materials and refrigerators to First-Line Treatment Centers.

Educational Continuity

Transition to Online Learning: ASIET swiftly transitioned to online learning platforms to ensure that students' education continued uninterrupted. The institute leveraged digital tools to deliver lectures, conduct exams, and facilitate project work, maintaining academic rigor despite the challenges posed by the pandemic.

Virtual Labs and Workshops: To replicate the hands-on experience that is crucial in engineering education, ASIET introduced virtual labs and online workshops. These resources allowed students to engage with practical components of their curriculum remotely.

Support for Students: Understanding the diverse challenges faced by students during the pandemic, ASIET provided additional support through counseling services, mentorship programs, and flexible learning schedules. The institute also extended financial aid to those affected by the economic impact of the pandemic.

Community Support and Relief Efforts

Health and Safety Measures: On-campus, ASIET implemented stringent health and safety protocols, including regular sanitization, temperature checks, and the provision of masks and sanitizers. These measures ensured the safety of the limited staff and essential personnel who had to be on-site.

Technology and Innovation for Pandemic Relief: ASIET encouraged its students and faculty to engage in innovative projects aimed at addressing COVID-19 challenges. This led to the development of various tech solutions, including low-cost ventilators, automated sanitization systems, and digital tools for contact tracing.

Donation Drives and Medical Aid: ASIET organized donation drives to collect funds, medical supplies, and food for those affected by the pandemic. The institute also collaborated with local authorities to support the healthcare system, providing logistical support and resources.

Vaccination Drives: As vaccines became available, ASIET played an active role in organizing vaccination camps, both for its students and staff as well as for the surrounding community. These efforts were part of a broader initiative to combat the spread of the virus and ensure public health.

Social Responsibility and Outreach

Awareness Campaigns: ASIET conducted various online awareness campaigns to educate the public about COVID-19 prevention measures, vaccination benefits, and mental health during the pandemic. These campaigns were targeted at both the student community and the general public.

Community Engagement: Recognizing the socio-economic impact of the pandemic, ASIET engaged with local communities to provide support, especially to those who lost their livelihoods. This included distributing essential goods and providing educational resources to children affected by the digital divide.

ASIET's response to the COVID-19 pandemic was characterized by resilience, innovation, and a strong sense of social responsibility. The institute not only ensured that its academic mission continued but also actively contributed to the broader fight against the pandemic, supporting both its immediate community and society at large.

Resilience for Covid-19 Pandemic

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Flood Relief

Response to severe flood of 2018

During the deluge of 2018 witnessed by the State of Kerala, Adi Shankara Institute of Engineering and Technology (ASIET) played a pivotal role in flood relief activities, providing crucial support to thousands of people affected by the disaster.

Key Relief Activities by ASIET

Main Relief Camp

ASIET transformed its campus into the main relief camp, offering shelter to thousands of displaced individuals. The institute's facilities were used to accommodate people from various flood-affected regions, providing them with a safe and secure environment during the crisis.

Food and Medical Aid

ASIET organized and distributed essential supplies, including food, clean water, clothing, and medical aid. The institute collaborated with local authorities and NGOs to ensure that basic needs were met, preventing the spread of disease and malnutrition among those affected.

Student and Faculty Involvement

Students, faculty, and staff of ASIET actively participated in the relief efforts. They volunteered in various capacities, such as rescuing stranded individuals, distributing relief materials, and providing emotional support to those in distress. Their collective efforts helped streamline the relief operations and reach a broader population.

Medical Camps

ASIET set up medical camps on campus and in surrounding areas to offer healthcare services to the flood victims. Doctors and medical students provided first aid, treatment for injuries, and vaccinations to prevent outbreaks of waterborne diseases.

Rehabilitation and Reconstruction

Beyond immediate relief, ASIET also contributed to long-term rehabilitation efforts. The institute was involved in rebuilding homes and restoring infrastructure in the flood-hit areas, ensuring that the affected communities could begin to rebuild their lives.

Community Engagement

ASIET's commitment to community welfare was evident through its outreach programs, which included awareness campaigns on disaster preparedness and resilience. The institute worked closely with local communities to educate them on coping with the aftermath of the floods and preparing for future emergencies.

ASIET's comprehensive and compassionate approach during the 2018 flood not only provided immediate relief but also played a significant role in the rehabilitation and recovery of the affected communities. The institute's efforts were widely recognized and appreciated, cementing its reputation as a key contributor to disaster management and community welfare in the region.

Flood Relief Activities

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LAARC

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Social Service Cell

LAARC

The IEEE Student Branch at ASIET has consistently shown a strong commitment to humanitarian efforts, seamlessly blending academic pursuits with social responsibility. As active IEEE volunteers, the branch leaders inspire their peers to engage in meaningful projects.

One significant initiative is the "LIBRARY ADVANCEMENT AND REVITALIZATION FOR COLLABORATIVE LEARNING" (LAARC) project, under the Special Interest Group on Humanitarian Technology (SIGHT). This project, focused on the Kanaka Public Library in Paniely, Kerala, aims to transform it into a digital resource center by addressing challenges like outdated infrastructure and a lack of digital resources.

The branch leaders turned this concept into reality, securing a \$3,216 grant and forming a dedicated team over two-and-a-half years. Their efforts are enhancing the community's future by improving the library's infrastructure and offering educational opportunities. The project coordinators' financial acumen ensures the effective use of funds, reflecting the branch's commitment to humanity.

LAARC goes beyond technological advancements, embodying a vision of education and community engagement. The digitalization of the library and the creation of a communal space highlight the branch's dedication to making a meaningful societal impact. The leadership and emotional investment of the project coordinators make them key figures in this transformative initiative.

LAARC Report

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[River Rejuvenation](#)

Adi Shankara Institute of Engineering and Technology (ASIET) has been actively involved in river rejuvenation initiatives, focusing on restoring and preserving local water bodies. The institute's students and faculty collaborated on projects aimed at cleaning and revitalizing rivers, addressing pollution, and improving water quality. These activities often included community engagement, where ASIET volunteers educated local residents on sustainable practices and the importance of maintaining clean waterways. Through these efforts, ASIET has contributed to environmental conservation and raised awareness about the critical need for protecting natural resources.

[River Rejuvenation Report](#)

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MAPPATHON

Home

Green Campus

MAPPATHON

MAPPATHON KERALAM is an initiative undertaken by Kerala State IT Mission (KSITM).

CONCEPT: "Making Our Own Map"

KSITM has collaborated with the selected engineering colleges falling under Kerala Technological University, for carrying out open street mapping and ward boundary mapping. As a first step one-week training was given to a batch of students as internship. After completion of internship interested students can opt one panchayat to complete the mapping of assets in open street Map. NSS volunteers of Adi Sahnkara institute of Engineering and Technology, Kalady Completed the mapping of following Panchayat

1.Sreemoolanagaram

2.Kanjoor

3.Kalady

4.Ayyampuzha

5.Koppam

MAPPATHON Report

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Project Ganitham

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Green Campus

Project Ganitham

The NSS Unit of Adi Sahnkara Institute of Engineering and Technology is participating in a one-month long event called 'Project Ganitham 3.0 organised by INSIGHT FOUNDATION since 2022 The programme helped the volunteers to bring out their true potential in teaching. The volunteers are handling basic mathematics online classes, for young kids belonging to the 8th, 9th and 10 grades. The sessions were from 7:00 p. m. to 8:00 p.m. on weekdays and from 4:00 p. M. to 7:00 p.m. on sundays. The volunteers also made sure that the young minds had an opportunity for their personal development by organising talks and quizzes in between the sessions.

Project Ganitham Report

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[Tourism Club Kerala](#)

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Social Service Cell

Tourism Club Kerala

Tourism Club Kerala is the nodal agency formed by the Department of Tourism, Government of Kerala to nurture and develop young ambassadors of Kerala Tourism by forming clubs in colleges across the state. It will pave the way for new tourism trends and create interest in travel among students.

Tourism in Kerala is going through a significant face of growth and development after the global pandemic of Covid 19. The sustained efforts of the Department of Tourism over a period of several years have played a crucial role in achieving this momentum and direction through improved infrastructure and better publicity.

Going by the traditional Indian concept of 'Atithi Devo Bhava', our intention should be 'to receive a guest and send back a friend'. Tourism and the hospitality industry can achieve this standard only with the cooperation and wholehearted patronage of a willing community.

Youths are the assets of the nation and the most dynamic segment of the population in any country. Therefore, it is essential to educate and elevate young minds towards the richness of tourism in a state like Kerala. It is to establish this idea that the Department of Tourism has decided to set up Tourism clubs in Kerala by collaborating with the State's Higher Education Department and moulding college students as ambassadors of Tourism.

Tourism Club mainly focuses on tourism promotion and development through the student community. The aim of the Tourism Club is "CAPACITY BUILDING THROUGH RESPONSIBLE SERVICE". Through these clubs, the youth can explore the endless possibilities and opportunities to improve not just their soft skills but apply their ideas to develop a responsible tourism network.

Tourism club not only uplifts the travel and hospitality sector but also helps expand the parameters of the student community in contributing to the tourism department of the state. It would help the students in imbibing a hands-on experience rather than asserting the theoretical definitions of developments. It would also help them in securing financial independence and become self-sufficient from a young age.

The tourism clubs would be a rewarding experience for the student community as it develops their social interaction skills and expose them to limitless opportunities which would directly help them in framing their career and higher education.

Tourism Club Report

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[Standards Clubs](#)

BIS has taken the initiative of creating Standards Clubs in educational institutions comprising teachers and students as members. Through a variety of activities under these Clubs, young talents get learning opportunities in the

field of quality and standardization. Teachers have an important role in the activities of the Clubs and would serve as beacons of light, guiding and motivating students to channelize their creativity and enhance their scientific temperament. Though in its nascent stage, the Standards Clubs have already garnered prominence and are being enthusiastically promoted by educational institutions to supplement and improve the schooling experience of students and provide opportunities to better their professional and personal growth. A unit of Standard club was formed at ASIET in 2023. ASIET is associated with Kochi branch of Bureau of Indian Standards.

Activities under the Standards Club

The Standards Club IS carry out a variety of student-centric activities aimed at providing them opportunities for learning on the themes of Quality and Standardization. Such activities are undertaken within the Institution or outside as stand-alone programmes or as part of other programmes of the Institutions such as Annual Day, School Fair, Exhibitions, Teachers' Day, etc.

Organizing meetings of the Standards Clubs for imparting knowledge to the Student Members about Standardization, Quality and the structure and content of standards.

Organize at least two or more programmes in an academic year, at least one each on the following two themes: i) Competition on writing Standards ii) Workshops / Seminars on specific standards, workshops on areas for developing new standards, industry-oriented projects on standards, etc.

Standards Club Report

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Bhumi Club

Home

Social Service Cell

Bhumi Club

Bhumi is one of India's largest independent youth volunteer non-profit organisations. Bhumi capitalises on the volunteering force of Indian youth, playing a catalyst in directing India and the youth towards a better tomorrow. Bhumi has established itself as a frontline charity organisation that helps poor children to realise their potential, raise their aspirations and recognise their achievements in various fields. [Bhumi Club program is a transformational social change leadership journey for college students to be the change and lead the change in their college. This program, through structured support & training, will boost college recognition and empower students to become NEXTGEN leaders. Bhumi club was started functioning at ASIET in 2024.

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The Antidrug Cell of the college is dedicated to creating a safe, drug-free campus environment through education, prevention, and support initiatives. The cell aims to equip students and staff with the knowledge and tools to combat drug abuse by fostering awareness and providing essential resources. Committed to promoting holistic well-being and responsible citizenship, the cell actively engages the college community in building a healthier and more secure future.

ASAAD Sena Report

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Zenzyze Labs Inauguration

SAMAVARTHANA 24

HORIBA India Technical Institute - Centre of Excellence in In-Vitro Diagnostic Instrumentation

ASPREN -24

Project Exhibition

Leadership & Entrepreneurship Enrichment Program (LEEP) 2024

Suvarna Bharathi Mahotsavam

Enlytus

Visit of Dr. Vijay Vaidyanathan to ASIET

Women's Day Celebration

Brahma - 24

Two Day Training Program on Innovative Projects for Energy and Water Conservation in Household Agricultural Sectors

Visit of Great Olympians Sri. Renjith Maheshwary and Ms. V S Surekha to ASIET

Director of NSRC Visited ASIET TBI

Launching of National Cyber Resource Center

YUVAA 24 - Arts Fest

Vimukthi: Anti-drug Campaign @ ASIET

23rd Athletic Meet

Visit From Final Year ECE Students From GWPTC Kalamaserry

IEEE SB ASIET has recieved outstanding student branch award 2023(Special Mention)

Faculty Development Programme on Universal Human Values

Industrial Visit (IV) from CUSAT

Brahma-24 Logo Launch

Republic Day Celebration - 2024

ATAL FDP

European Union Lifelong Learning Programme

Xmas-23

15th Blood Donation Camp Conducted by NSS

Logo Launch of Ashwamedha - 23

Orientation Program for Women Entrepreneurs

Best Pavilion Award

Abhyudaya-23

School Outreach Session on Career Opportunities

Aadhar Mela

Anti Ragging Awareness

Kerala Piravi Divasam

Meri Maati Mera Desh campaign

KAUTILYA 23

World Heart Day - Mega CPR Training

Robotics Bootcamp & Hackathon

Upanayana-2023

Onam Celebration-2023

Samavarthana 2023

Brahma-23

Adi Shankara Gameathon 2K23

NSS National Award

Samavarthana 2022 - The Graduation Ceremony of B.Tech, M.Tech & MBA

Onam Celebration 2022

Upanayana 2021 - The Induction Ceremony of 21st B.Tech Batch

Mou with AutoMicroUAS Aerotech (P) Ltd (AMOS)

Adi Shankara Digital Academy Inagutation

Under the project " koodaam koodorukkaam " built house key handed over by Adv. K Anand Managing trustee, Adishankara trust

Launching UV Disinfection Robot Raybo

Launching Adishankara N95 mask sanitizing unit

jeeva vaayu ventilator

Visit of His Holiness Sri Sri Vidhushekhara Bharathi Mahasannidhanam Swamiji

NSS Programme - Koodam koodorukam (Home for Home Less Project)

Brahma '20

SHASTRA-2020

TBI inauguration

IBM ICE Global Certification Programme

Convocation Ceremony of Yoga Foundation Programme at Adi Shankara International Centre for Peace & Yoga

AICTE ATAL Academy sponsored five day Faculty Development Program on Block Chain.The

Ashwamedha - Technological Fest

Indian Navy Vice Admiral Visit

Cambridge University - Adi Shankara English Assessment Center Inauguration

Business School Alumni Colloquium

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