

When was Sree Chitra Thirunal College of Engineering (SCTCE) established, and by whom?

Sree Chitra Thirunal College of Engineering (SCTCE), Thiruvananthapuram, was established in the year 1995 by the Government of Kerala.

In whose memory was SCTCE established?

SCTCE was established in memoriam of the Great Maharaja of Travancore.

To which university is SCTCE affiliated?

SCTCE is affiliated with the APJ Abdul Kalam Technological University (KTU) of Kerala.

Does SCTCE have AICTE approval?

Yes, SCTCE has approval from the All India Council for Technical Education (AICTE).

What is the main objective of SCTCE?

The broad objective of SCTCE is to groom young men and women into technocrats through the process of engineering education, training, and research.

How many courses does SCTCE offer?

SCTCE offers 7 undergraduate and postgraduate courses.

Is SCTCE recognized as a research centre?

Yes, SCTCE is also a research centre under APJ Abdul Kalam Technological University (KTU).

What is the vision of SCTCE?

The vision of SCTCE is to become an engineering and technology institution renowned for producing professionally capable and socially responsible engineers.

What is the mission of SCTCE?

The mission of SCTCE is to create a learning process for students to acquire engineering fundamentals in an environment that encourages analysis, teamwork, entrepreneurship, and ethical values, thus preparing them for productive careers.

What facilities are available at SCTCE?

The facilities at SCTCE include: CCF (Central Computing Facility), Library, Sports, IEDC (Innovation and Entrepreneurship Development Centre), Clubs, ASAP (Additional Skill Acquisition Programme), Hostel, College Bus.

What is the Career Guidance and Placement Unit (CGPU) at SCTCE?

The Career Guidance and Placement Unit (CGPU), also known as the Placement Cell, was established at SCTCE in 1998 to assist students with career planning, campus placements, and skill enhancement.

What are the main responsibilities of the CGPU?

Arranging campus interviews for all eligible final year students, Assisting students in career planning, Providing career counselling and organizing training sessions, Conducting interactive sessions with industry experts.

How does CGPU help students with career guidance and counselling?

The CGPU undertakes career counselling programs periodically, arranges interactive sessions with eminent industry experts, and organizes various programs to guide students in choosing career paths and enhancing their skills.

What are the major activities and objectives of CGPU at SCTCE?

Induction and Orientation programs for first-year students. Arranging branch-specific value-added certificate courses. Providing placement guidance and internships specific to branches. Conducting programs to improve communication abilities, presentation skills, and soft skills. Organizing resume-building sessions. Subject aptitude knowledge training. Group discussions and mock tests/interviews. Vocational training. Company-specific training for recruitment. Preparation for competitive exams like GATE, CAT, GRE, GMAT, and TOEFL. Foreign language training. Promoting entrepreneurship and business strategies. Conducting job fairs to help eligible students from SCTCE and other colleges. Improving industry-institute relationships through collaborative projects.

What specific training does CGPU provide to prepare students for recruitment?

CGPU provides company-specific training, mock interviews, group discussions, subject aptitude training, and soft skills enhancement to prepare students for recruitment.

What programs does CGPU conduct to prepare students for higher studies and competitive exams?

CGPU conducts preparation programs for competitive exams such as GATE, CAT, GRE, GMAT, and TOEFL to help students pursue higher studies.

How does CGPU support entrepreneurship?

CGPU enhances students' interest in entrepreneurship and business strategies by organizing training and guidance programs.

How does CGPU help students improve their communication and presentation skills?

CGPU conducts programs to improve communication abilities, presentation skills, and soft skills to help students excel in interviews and professional environments.

How does CGPU assist other colleges?

CGPU conducts job fairs to support eligible students from SCTCE as well as other colleges.

Who is the Training and Placement Officer in the Placement Cell at SCTCE?

The Training and Placement Officer in the Placement Cell at SCTCE is Dr. sajithsethu P.

Who is the Placement Coordinator?

Placement Coordinator: Dr. Sreejith B. J

Who is the Training Coordinator at SCTCE?

Training Coordinator: Dr. Smitha P. S.

Who is the Assistant Placement Coordinator at SCTCE?

The Assistant Placement Coordinator is Dr. Anoop M. S.

Who are the members of the Placement Committee at SCTCE?

The Placement Committee members at SCTCE are: Dr. Sumesh C. K. - Assistant Professor, Department of Mechanical Engineering Prof. Susmitha Kumari S. - Assistant Professor, Department of Biotechnology and Biochemical Engineering Prof. Rejimoan R. - Assistant Professor, Department of Computer Science and Engineering Prof. Sandhya L. - Assistant Professor, Department of Electronics and Communication Engineering Sri. Sen K. V. - Trade Instructor, Department of Computer Science and Engineering

Which department does Dr. Sumesh C. K. belong to in the Placement Committee?

Dr. Sumesh C. K. is from the Department of Mechanical Engineering.

Who represents the Department of Biotechnology and Biochemical Engineering in the Placement Committee?

Prof. Susmitha Kumari S. represents the Department of Biotechnology and Biochemical Engineering.

Which member of the Placement Committee is from the Department of Computer Science and Engineering?

The members from the Department of Computer Science and Engineering are: Prof. Rejimoan R. (Assistant Professor) Sri. Sen K. V. (Trade Instructor)

Who is the member from the Department of Electronics and Communication Engineering in the Placement Committee?

Prof. Sandhya L. is the member from the Department of Electronics and Communication Engineering.

What is the designation of Sri. Sen K. V. in the Placement Committee?

Sri. Sen K. V. is a Trade Instructor in the Department of Computer Science and Engineering.

Who are the M.Tech student volunteers?

Neha Navas (M.Tech CSE), Midhun Raj R S (M.Tech Machine Design).

Can you list the Mechanical Engineering (ME) student volunteers in the placement committee?

Akshay B S (ME A), Chaithanya Subrahmanyam (ME A), Karthik S S (ME B), Rohin S S (ME B). Who are the student volunteers from the AI/ML department in the Placement Committee? Ardra A H, P V Adwaith. Who are the student volunteers from the Biotechnology (BT) department in the placement committee? Gayathri Balagopal, Gopika Sindhu Gopakumar. Can you name the student volunteers from the Computer Science and Engineering (CS) department in the placement committee? Niranjana Anil, Niranjana S R, Reshma Arun.

Which students represent Electronics and Communication Engineering (ECE) in the Placement Committee?

Albin Saji (ECE A), Gowtham Krishna M (ECE A), Irin Binu (ECE A), Nikhita Sujith (ECE B), Tariq Nazeer (ECE B).

Who are the Mechanical Automobile Engineering student volunteers in the placement committee?

Sandra G Dileep, Varun Girish, Viswesh G.

How many students registered for placement in each year from 2020 to 2024?

2020: 345, 2021: 350, 2022: 397, 2023: 436, 2024: 505.

How many students were placed in each year from 2020 to 2024?

2020: 290, 2021: 241, 2022: 388, 2023: 247, 2024: 176.

How many paid internships were offered each year from 2020 to 2024?

2020: 0, 2021: 0, 2022: 0, 2023: 72, 2024: 0

What is the placement percentage for each year from 2020 to 2024?

2020: 84%, 2021: 69%, 2022: 97%, 2023: 58%, 2024: 35% What was the batch size for the year 2022?

The batch size for 2022 was 401.

How many students registered for placement in 2023?

In 2023, 436 students registered for placement.

How many students were placed in 2024?

In 2024, 176 students were placed.

Which year had the highest placement percentage, and what was it?

The year 2022 had the highest placement percentage at 97%.

Why has placement become a challenging task?

The competition for employment is increasing every day, making placement a challenging task.

What responsibility has the institution taken regarding placement training?

The institution has taken the responsibility of training students and equipping them with life skills to enhance their employability.

Apart from technical expertise, what other development is emphasized for students?

The development of a holistic personality is emphasized along with technical expertise.

What is the purpose of the placement training cell in the college's CGPU?

The training cell operates to enhance the capabilities of engineering graduates to match industry standards.

How does placement training contribute to students' career goals?

Placement training grooms and shapes students' career goals by enhancing their employability skills and helping them achieve placements in prestigious organizations.

What is the dream of every engineering student regarding placements?

The dream of every engineering student is to get placed in a top organization visiting their campus for recruitment in their core domain.

Why is placement training important for budding engineers?

Training is important for budding engineers to prepare them for placement opportunities and ensure they meet the requirements of top organizations.

When does placement training start in the college?

Placement training starts right from the induction programme of the freshers.

Objectives of the placement Training Cell?

To recognize the core competencies of the students. To train the students to meet the expectations of the industry through our Career Development Programmes. To enhance their communication skills. To build confidence in students and develop the right attitude in them. To look for 100% employment for all eligible students.

what are the Training Activities ?

Create awareness about "career planning" and "career mapping" among the students. Equip the student with life skills and soft skills. Train the students on group discussion techniques Train the students on "Personality development". Organize Various Training Programmes to train the students in the areas of Quantitative Aptitude, Logical Reasoning, and Verbal reasoning through reputed external training partners and in-house trainers

what are the Major Activities and Objectives of CGPU ?

Induction and Orientation program for the first year students Arrange branch-specific value-added certificate courses to enhance their skill. Branch-specific Placement guidance and internships. Programmes to improve Communication abilities. Resume building. Subject aptitude knowledge training. Soft skills training. Group discussions Programmes to improve Presentation skills. Vocational training. To improve the industry–institute relationships through collaborative projects. Mock test and Interviews. Company-specific training for recruitment. Preparations to Competitive exams and higher studies like GATE, CAT, GRE, GMAT, TOEFL, etc. Foreign language training To enhance the student's interest towards the entrepreneurship and business strategies. We also conduct job fairs to help and support other college eligible students.

what are the Activities of CGPU during 2022 - 2023 ?

About 24 companies visited the campus during 2022-2023. Companies like Tata Elxsi, Infosys, SADA India, IBM, Oracle, Wipro, Tata Consultancy Services, Cognizant, EY, UST Global, Byju's, Zifo Technologies etc were the major recruiters for the 2023 batch students where 248 offers were rolled out. About 75 students received a stipend of Rs.15,000/- during their seventh and eighth semester while doing their internship at Tata Elxsi during their Activate program. We have partnered with Infosys to roll out their Campus-Connect programme. We are also in the process of signing MOUs with industries to bridge the gap between institute and industry.

Name some major recruiting companies associated with the college starting with the letter 'A.'?

Major recruiting companies starting with the letter 'A' are 6 D Technologies, Accubits, Acsia, Allianz, Applexus, and Axis Bank. List some companies in the technology or IT sector that recruit from the college. Companies in the technology or IT sector include Accubits, Applexus, BigTec, Bosch, Broadcom, Cognizant, Cypress, IBM, Infosys, and Oracle.

Which banks are among the recruiting companies?

The banks among the recruiting companies are Axis Bank, Federal Bank, and HDFC Bank. Name some companies in the analytics or data-related fields. Companies in analytics or data-related fields include Mu Sigma, Experion, Quantiphi, and Neeyamo.

Which companies focus on edtech or learning solutions?

Companies focusing on edtech or learning solutions include Byju's and FacePrep. Name companies in the healthcare or biopharma domain that recruit from the college. Companies in the healthcare or biopharma domain include Biocon and CareStack.

Which automobile-related company recruits from the college?

Daimler and Nissan are automobile-related companies that recruit from the college. List some companies that specialize in software development and solutions. Companies specializing in software development and solutions include InApp, Mitsogo, Jobin & Jismi, QBurst, and Humanitarian.

Which companies are known for consultancy and services?

Cognizant, Capgemini, Explero, and Hexaware are known for consultancy and services. Name a few startups or innovative companies recruiting from the college. Startups or innovative companies include NeoITO, Evobi, Envestnet, and Gadgeon.

list the Major Recruiting Companies

6 D TECHNOLOGIES, ACCUBITS, ACSIA, ALLIANZ, APPEXUS, AXISBANK, BIGTEC, BIOCON, BOSCH, BROADCOM, BULEBINARIES, BYJUS, CAPGEMINI, CARESTACK, COGNIZANT, CONFIANZ, CORIZO, CYPRESS, DAIMLER, ENVESTNET, EQUIFAX, EVOBI, EXPERION, EXPLEO, FACEPREP, FEDERAL BANK, FLYTXT, GADGEON, GPS, HDFC, HEXAWARE, HRBLOCK, HUMANITARIAN, IBM, IBS, INAPP, INFOSYS, INTELLIPAAT, JOBIN&JISMI, KIMBALL, MAHINDRA, MITSOGO, MUSIGMA, NEEYAMO, NEOITO, NEST, NISSAN, ORACLE, QAULITEST, QBURST, QUANTIPHI, QUEST, SADA, SKYWALK, SOTI, SPERDIAN, SUNTEC, SUTHERLAND, TATA ELXSI, TCS, TIGMAMINDS, TRAVANCORE ANALYTICS, TRIMLE, UNITY INFOTECH, UST, VISTEON, WIPRO, ZIA SEMICONDUCTOR, ZIFO, ZOHO.

Who is the primary contact for training and placement at the college?

The primary contact is the Training and Placement Officer at the Career Guidance and Placement Unit (CGPU), SCT College of Engineering.

What is the address for correspondence with the CGPU?

The Training and Placement Officer Career Guidance and Placement Unit (CGPU) SCT College of Engineering, Pappanamcode, Trivandrum – 695018

Who are the contact persons for the CGPU?

Sajithsethu P: 9497165348 Dr. Sreejith B. J.: 8943333643 Dr. Anoop M. S.: 7012097130

What is the email address for CGPU inquiries?

The email address for CGPU inquiries is [cgpu@sctce.ac.in](mailto:cgpu@sctce.ac.in).

What is the KEAM code for SCT College of Engineering?

The KEAM code for SCT College of Engineering is SCT.

How many academic departments does SCT College of Engineering have?

SCT College of Engineering has five academic departments.

What type of programs are offered by SCT College of Engineering?

SCT offers full-time B.Tech degree programs.

Under which university are the B.Tech programs at SCT conducted?

The B.Tech programs at SCT are conducted under APJ Abdul Kalam Technological University, Kerala.

How many disciplines are covered in the B.Tech programs at SCT?

The B.Tech programs at SCT cover six disciplines.

What is the total annual intake of students for the B.Tech programs at SCT?

The total annual intake of students for the B.Tech programs is around 500.

Which course is offered under the Department of Biotechnology & Biochemical Engineering?

The course offered is Biotechnology & Biochemical Engineering with an intake of 60 students.

Which courses are offered under the Department of Computer Science & Engineering?

Computer Science & Engineering with an intake of 120 students. Computer Science & Engineering (Artificial Intelligence & Machine Learning) with an intake of 60 students.

Which course is offered under the Department of Electronics & Communication Engineering?

The course offered is Electronics & Communication Engineering with an intake of 120 students.

What are the courses offered under the Department of Mechanical Engineering?

Mechanical Engineering with an intake of 120 students. Mechanical Engineering (Automobile) with an intake of 60 students.

What is the intake for Biotechnology & Biochemical Engineering?

The intake for Biotechnology & Biochemical Engineering is 60 students.

What is the intake for Computer Science & Engineering?

The intake for Computer Science & Engineering is 120 students.

What is the intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning)?

The intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning) is 60 students

What is the intake for Electronics & Communication Engineering?

The intake for Electronics & Communication Engineering is 120 students.

What is the intake for Mechanical Engineering?

The intake for Mechanical Engineering is 120 students.

What is the Tuition Fee Waiver Scheme?

The Tuition Fee Waiver Scheme is a program under which an additional 10% of students in each program are allotted from the KEAM rank list by the Commissioner for Entrance Examinations, Government of Kerala.

Who are eligible for the Tuition Fee Waiver Scheme?

The scheme is applicable to women, economically backward, and physically handicapped meritorious students.

How are students selected for the Tuition Fee Waiver Scheme?

Students are selected from the KEAM rank list by the Commissioner for Entrance Examinations, Government of Kerala.

What is the order in which documents must be arranged for admission?

Admit Card Data Sheet Age Proving Certificate (10th / Birth Certificate only) Plus Two Mark List Plus Two Pass Certificate (if obtained) Transfer Certificate Conduct Certificate Fitness Certificate from a Govt. Medical Officer not below the rank of Assistant Surgeon (with hospital seal) Certificate to prove reservation (if applicable) Two copies of Rank Certificate, Allotment Memo, Date of Birth Certificate, Plus Two Certificates, and Transfer Certificate

How many copies of certain documents must be submitted?

Two copies of the Rank Certificate, Allotment Memo, Date of Birth Certificate, Plus Two Certificates, and Transfer Certificate must be submitted.

What is the refundable deposit for different categories in the 2024-25 fee structure?

Merit (Lower Fee): ₹0.00 Merit (Full Fee): ₹0.00 NRI: ₹125,000.00 TFW: ₹0.00 SC/ST: ₹0.00

What are the tuition fees for different categories in the 2024-25 fee structure?

Merit (Lower Fee): ₹42,550.00 Merit (Full Fee): ₹79,030.00 NRI: ₹127,640.00 TFW: ₹0.00 SC/ST: ₹0.00

What are the admission fees for all categories in the 2024-25 fee structure?

₹240.00 for all categories except SC/ST, which is ₹0.00.

What is the caution deposit for different categories in the 2024-25 fee structure?

Merit (Lower Fee): ₹5,000.00 Merit (Full Fee): ₹5,000.00 NRI: ₹5,000.00 TFW: ₹5,000.00 SC/ST: ₹0.00

What is the special fee for different categories in the 2024-25 fee structure?

Merit (Lower Fee): ₹3,860.00 Merit (Full Fee): ₹3,860.00 NRI: ₹4,020.00 TFW: ₹3,860.00 SC/ST: ₹0.00

What is the SWAF (Student Welfare and Amenities Fund) fee for all categories? ₹3,850.00 for all categories except SC/ST, which is ₹0.00.

What is the Institutional Development Fund fee for different categories?

₹5,000.00 for all categories except SC/ST, which is ₹5,000.00.

What is the PTA (Parent-Teacher Association) fee for all categories?

₹5,000.00 for all categories except SC/ST, which is ₹5,000.00.

What is the Society fee for all categories in the 2024-25 fee structure?

₹50.00 for all categories.

What is the total fee for different categories in the 2024-25 fee structure?



Merit (Lower Fee): ₹65,550.00 Merit (Full Fee): ₹102,030.00 NRI: ₹275,800.00 TFW: ₹23,000.00  
SC/ST: ₹13,900.00

Is the fee structure subject to any changes?

Yes, the fee structure is subject to changes as per the directions from the competent authorities.

How can a student contact SCT for admission-related queries?

Over mail: [admissions@sctce.ac.in](mailto:admissions@sctce.ac.in) Over telephone: 9495565772

What is KEAM Admission for the Merit Quota (Lower Fee) at SCT?

Admission to 50% of seats (Merit Quota-Lower Fee) in B.Tech degree programs at Sree Chitra Thirunal College of Engineering (SCT) is based on performance in the Kerala Engineering Architecture Medical (KEAM) examination, conducted by the Commissioner for Entrance Examinations (CEE), Government of Kerala.

How can a candidate apply for the Merit Quota (Lower Fee) at SCT?

The admission procedure is conducted by the Commissioner for Entrance Examinations (CEE) through a centralized online counseling process. Candidates must select the option in the online counseling portal (<https://cee.kerala.gov.in>) under the "Government (G)" category. There is no need to apply directly to the college for this quota.

Are reservations available for various categories in the Merit Quota at SCT?

Yes, reservations for SC/ST/OBC/EWS/PWD categories will be followed as per Government of Kerala norms.

Where can candidates find more information about KEAM admissions?

Candidates can visit the official website at <https://cee.kerala.gov.in> for more details about KEAM admissions.

What are the courses offered under the Merit Quota (Lower Fee) at SCT?

Biotechnology & Biochemical Engineering Computer Science & Engineering Computer Science & Engineering (Artificial Intelligence & Machine Learning) Electronics & Communication Engineering Mechanical Engineering Mechanical Engineering (Automobile)

What is the course code for Biotechnology & Biochemical Engineering?

The course code is BB-G.

What is the intake for Biotechnology & Biochemical Engineering under the Merit Quota (Lower Fee)?  
The intake is 30 seats.

What is the course code for Computer Science & Engineering?

The course code is CS-G.

What is the intake for Computer Science & Engineering under the Merit Quota (Lower Fee)?

The intake is 60 seats.

What is the course code for Computer Science & Engineering (Artificial Intelligence & Machine Learning)?

The course code is CL-G.

What is the intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning)?

The intake is 30 seats.

What is the course code for Electronics & Communication Engineering?

The course code is EC-G.

What is the intake for Electronics & Communication Engineering under the Merit Quota (Lower Fee)?

The intake is 60 seats.

What is the course code for Mechanical Engineering?

The course code is ME-G.

What is the intake for Mechanical Engineering under the Merit Quota (Lower Fee)?

The intake is 60 seats.

Which department handles Biotechnology & Biochemical Engineering?

The Biotechnology & Biochemical Engineering department handles it.

Which department handles Computer Science & Engineering and its specialization in Artificial Intelligence & Machine Learning?

The Computer Science & Engineering department handles it.

Which department handles Electronics & Communication Engineering?

The Electronics & Communication Engineering department handles it.

What is the minimum age requirement for applicants to be eligible for admission?

Applicants should have completed 17 years of age as on 31st December of the year of admission.

Are non-Indian citizens eligible for admission?

No, only Indian citizens are eligible for admission.

Where can candidates find more details about eligibility criteria for admission?

Candidates can refer to Section 6 of the KEAM Prospectus for further details.

What are the required subjects for eligibility in Higher Secondary Examination or its equivalent?

Candidates should have studied: Physics and Mathematics as compulsory subjects. Chemistry/ Computer Science/ Biotechnology/ Biology as one of the optional subjects.

What is the minimum percentage required in the above subjects for general category candidates?

General category candidates must have at least 45% marks put together in the specified subjects.

What is the minimum percentage required in the above subjects for SC/ST, SEBC, or PwD candidates?

SC/ST, SEBC, or PwD candidates must have at least 40% marks put together in the specified subjects

Is it mandatory to qualify the KEAM examination for admission?

Yes, candidates must have qualified the KEAM examination, conducted by the Commissioner for Entrance Examinations (CEE), Government of Kerala, with a valid score and rank.

What happens in case of a contest regarding eligibility criteria?

Stipulations specified in the KEAM Prospectus will be adhered to in case of a contest.

What is the tuition fee for the first year (Academic Year 2024-25)?

The tuition fee for the first year (Academic Year 2024-25) is ₹42,550.

What is the tuition fee for the second year (Academic Year 2025-26)?

The tuition fee for the second year (Academic Year 2025-26) is ₹44,680.

What is the tuition fee for the third year (Academic Year 2026-27)?

The tuition fee for the third year (Academic Year 2026-27) is ₹46,920.

What is the tuition fee for the fourth year (Academic Year 2027-28)?

The tuition fee for the fourth year (Academic Year 2027-28) is ₹49,270.

What is the admission fee in any academic year?

The admission fee is ₹240 for the first year and ₹0 for subsequent years.

What is the KTU fee for the first year?

The KTU fee for the first year is ₹5,830.

What is the KTU fee for the third year?

The KTU fee for the third year is ₹5,830 for ME, MA, BT courses and ₹5,510 for EC, CS, CL courses.

What is the caution deposit for any academic year?

The caution deposit is ₹5,000, which is paid in the first year only.

What is the special fee for the first year?

The special fee for the first year is ₹3,860.

What is the SWAF (Students' Welfare Fund) fee for the first year?

The SWAF fee for the first year is ₹3,850.

What is the PTA (Parent Teacher Association) fee for the first year?

The PTA fee for the first year is ₹5,000.

What is the total fee for the first year (Academic Year 2024-25)?

The total fee for the first year is ₹65,550.

What is the total fee for the third year (Academic Year 2026-27)?

The total fee for the third year is ₹57,590 for ME, MA, BT courses and ₹57,270 for EC, CS, CL courses.

What is the total fee for the fourth year (Academic Year 2027-28)?

The total fee for the fourth year is ₹59,995.

What is the Merit Quota (Full Fee) for KEAM admission?

The Merit Quota (Full Fee) refers to 35% of the seats in B. Tech degree programs at Sree Chitra Thirunal College of Engineering (SCT) that are allocated based on performance in the Kerala Engineering Architecture Medical (KEAM) examination conducted by the Commissioner for Entrance Examinations (CEE), Government of Kerala.

How are admissions conducted for the Merit Quota (Full Fee)?

Admissions for the Merit Quota (Full Fee) are conducted by CEE through a centralized online counseling process.

Is it necessary to apply directly to the college for the Merit Quota (Full Fee)?

No, there is no need to apply directly to the college for the Merit Quota (Full Fee).

What must a candidate do to be considered for the Merit Quota (Full Fee)?

To be considered for the Merit Quota (Full Fee), the candidate must select the option in the online counseling portal under the "Merit Quota (Full Fee)" category.

How does the fee structure for the Merit Quota (Full Fee) differ from the Merit Quota (Lower Fee)?

The fee structure for Merit Quota (Full Fee) seats is different from the fee structure for Merit Quota (Lower Fee) seats.

Where can candidates find more information about KEAM?

Candidates can find more information about KEAM at the official website: <https://cee.kerala.gov.in>.

How many seats are available for Biotechnology & Biochemical Engineering under the Merit Quota (Full Fee)?

There are 21 seats available for Biotechnology & Biochemical Engineering under the Merit Quota (Full Fee).

How many seats are available for Computer Science & Engineering under the Merit Quota (Full Fee)?

There are 42 seats available for Computer Science & Engineering under the Merit Quota (Full Fee).

How many seats are available for Computer Science & Engineering (Artificial Intelligence & Machine Learning) under the Merit Quota (Full Fee)?

There are 21 seats available for this course under the Merit Quota (Full Fee).

How many seats are available for Electronics & Communication Engineering under the Merit Quota (Full Fee)?

There are 42 seats available for Electronics & Communication Engineering under the Merit Quota (Full Fee).

How many seats are available for Mechanical Engineering under the Merit Quota (Full Fee)?

There are 42 seats available for Mechanical Engineering under the Merit Quota (Full Fee).

What is the tuition fee for the first year (Academic Year 2024-25) under the Merit Quota (Full Fee)?

The tuition fee for the first year is ₹79,030.

What is the tuition fee for the second year (Academic Year 2025-26) under the Merit Quota (Full Fee)?

The tuition fee for the second year is ₹82,990.

What is the tuition fee for the third year (Academic Year 2026-27) under the Merit Quota (Full Fee)?

The tuition fee for the third year is ₹87,140.

What is the tuition fee for the fourth year (Academic Year 2027-28) under the Merit Quota (Full Fee)?

The tuition fee for the fourth year is ₹91,500.

What is the admission fee for the first year under the Merit Quota (Full Fee)?

The admission fee for the first year is ₹240.

What is the KTU fee for ME, MA, and BT courses in the third year (Full Fee)?

The KTU fee for ME, MA, and BT courses in the third year is ₹5,830.

What is the KTU fee for EC, CS, and CL courses in the third year (Full Fee)?

The KTU fee for EC, CS, and CL courses in the third year is ₹5,510.

What is the caution deposit under the Merit Quota (Full Fee)?

The caution deposit is ₹5,000, paid only in the first year.

What is the special fee for the first year under the Merit Quota (Full Fee)?

The special fee for the first year is ₹3,860.

What is the SWAF (Students' Welfare Fund) fee for the first year under the Merit Quota (Full Fee)?

The SWAF fee for the first year is ₹3,850.

What is the PTA (Parent Teacher Association) fee for the first year under the Merit Quota (Full Fee)?

The PTA fee for the first year is ₹5,000.

What is the total fee for the first year under the Merit Quota (Full Fee)?

The total fee for the first year is ₹102,030.

What is the total fee for the third year under the Merit Quota (Full Fee)?

The total fee for the third year is ₹97,810 for ME, MA, BT courses and ₹97,490 for EC, CS, CL courses.

What is the total fee for the fourth year under the Merit Quota (Full Fee)?

The total fee for the fourth year is ₹97,490. What is the KSRTC/SCT Quota for admission?

The KSRTC/SCT Quota refers to 10% of seats reserved for the children of employees of Kerala State Road Transport Corporation (KSRTC) or SCT.

How are admissions under the KSRTC/SCT Quota conducted?

Admissions under the KSRTC/SCT Quota are based on performance in the Kerala Engineering Architecture Medical (KEAM) examination conducted by the Commissioner for Entrance Examinations, Government of Kerala.

When will applications for the KSRTC/SCT Quota be invited?

Applications for the KSRTC/SCT Quota will be invited after the publication of the KEAM rank list.

Where will the notice regarding KSRTC quota the application be published?

The notice regarding the application will be published in newspapers and on the college website.

Where can KSRTC quota candidates find more information about KEAM?

Candidates can find more information about KEAM at <https://cee.kerala.gov.in>.

How many seats are available for Biotechnology & Biochemical Engineering under the KSRTC/SCT quota?

There are 6 seats available for Biotechnology & Biochemical Engineering under the KSRTC/SCT quota.

How many seats are available for Computer Science & Engineering under the KSRTC/SCT quota?

There are 12 seats available for Computer Science & Engineering under the KSRTC/SCT quota.

How many seats are available for Computer Science & Engineering (Artificial Intelligence & Machine Learning) under the KSRTC/SCT quota?

There are 6 seats available for this course under the KSRTC/SCT quota.

How many seats are available for Electronics & Communication Engineering under the KSRTC/SCT quota?

There are 12 seats available for Electronics & Communication Engineering under the KSRTC/SCT quota

How many seats are available for Mechanical Engineering under the KSRTC/SCT quota?

There are 12 seats available for Mechanical Engineering under the KSRTC/SCT quota.

Who is eligible to apply under the KSRTC/SCT quota?

The applicant should be the child of a KSRTC/SCT employee.

What is the tuition fee for the first year (2024–25)?

The tuition fee for the first year (2024–25) is ₹79,030.00.

How much is the tuition fee for the second year (2025–26)?

The tuition fee for the second year (2025–26) is ₹82,990.00.

What is the tuition fee for the third year (2026–27)?

The tuition fee for the third year (2026–27) is ₹87,140.00.

How much is the tuition fee for the fourth year (2027–28)?

The tuition fee for the fourth year (2027–28) is ₹91,500.00

What is the admission fee for the first year?

The admission fee for the first year is ₹240.00.

Is there an admission fee for the second, third, and fourth years?

No, there is no admission fee for the second, third, and fourth years.

How much is the KTU fee for the first year?

The KTU fee for the first year is ₹5,830.00.

What is the KTU fee for the third year for Mechanical Engineering (ME), and Biotechnology (BT)?

The KTU fee for the third year for ME, MA, and BT is ₹5,830.00.

What is the KTU fee for the third year for Electronics & Communication Engineering (EC), Computer Science & Engineering (CS), and Computer Science & Engineering (Artificial Intelligence & Machine Learning) (CL)?

The KTU fee for the third year for EC, CS, and CL is ₹510.00.

How much is the KTU fee for the fourth year?

The KTU fee for the fourth year is ₹5,715.00.

Is there a caution deposit in the second, third, or fourth year?

No, there is no caution deposit in the second, third, or fourth years.

What is the caution deposit amount for the first year?

The caution deposit amount for the first year is ₹5,000.00.

What is the special fee for the first year?

The special fee for the first year is ₹3,860.00.

How much is the special fee for the fourth year?

The special fee for the fourth year is ₹3,560.00.

What is the SWAF (CULT A WAY) fee for the first year?

The SWAF (CULT A WAY) fee for the first year is ₹3,850.00.

How much is the SWAF fee for the second, third, and fourth years?

The SWAF fee for the second, third, and fourth years is ₹750.00 per year.

What is the Institutional Development Fund amount for the first year?

The Institutional Development Fund amount for the first year is ₹5,000.00.

Is there an Institutional Development Fund fee for the second, third, or fourth years?

No, there is no Institutional Development Fund fee for the second, third, or fourth years.

How much is the PTA fee for the first year?

The PTA fee for the first year is ₹5,000.00.

What is the PTA fee for the second, third, and fourth years?

The PTA fee for the second, third, and fourth years is ₹700.00 per year.

What is the total fee for the first year?

The total fee for the first year is ₹1,02,030.00.

What is the total fee for the second year?

The total fee for the second year is ₹93,490.00.

What is the total fee for the third year for ME, MA, and BT courses?

The total fee for the third year for ME, MA, and BT courses is ₹97,810.00.

What is the total fee for the third year for EC, CS, and CL courses?

The total fee for the third year for EC, CS, and CL courses is ₹97,490.00.

What is the total fee for the fourth year?

The total fee for the fourth year is ₹1,02,225.00.

What percentage of seats is reserved under the NRI Quota admission scheme?

5% of seats are reserved under the NRI Quota admission scheme.

Who is eligible for admission under the NRI Quota?

The child, ward, or dependant of Non-Resident Indians (NRIs) is eligible for admission under the NRI Quota.

On what basis is admission granted under the NRI Quota?

Admission is granted based on the performance of the applicants in their qualifying examination (plus two).

How can applicants apply for NRI Quota admission?

Applicants should apply online and pay the application fees within the stipulated time.

What is the process for NRI Quota admission?

The Principal, SCT, invites applications from eligible candidates. A rank list is prepared based on the applications. The rank list is published in the public domain. Students are admitted based on the rank list.

What are the original documents required for NRI Quota admission?

Certificate to prove age. Mark list of the qualifying examination (Plus two). Pass Certificate (if obtained). Declaration from the sponsor (NRI) in original. Documents to prove NRI status (any one of the following): Copy of passport containing visa details. Employment certificate attested by the Embassy. Certificate of NRI Bank Account of the sponsor attested by the Embassy. Transfer Certificate. Conduct Certificate. Fitness Certificate from a Government Medical Officer not below the rank of Asst. Surgeon (as per the format in Annexure 2 of the NRI prospectus). Two copies each of the 10th and Plus Two mark lists, Transfer Certificate, NRI declaration, and NRI proof. When are



applications for NRI Quota admission usually invited? Applications are usually invited immediately after the publication of the Plus Two results of state or central boards.

What is the NRI quota intake for Biotechnology & Biochemical Engineering?

The NRI quota intake for Biotechnology & Biochemical Engineering is 3 seats

How many seats are available under the NRI quota for Computer Science & Engineering?

The NRI quota intake for Computer Science & Engineering is 6 seats.

What is the NRI quota intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning)?

The NRI quota intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning) is 3 seats.

How many NRI quota seats are available for Electronics & Communication Engineering?

The NRI quota intake for Electronics & Communication Engineering is 6 seats.

What is the NRI quota intake for Mechanical Engineering?

The NRI quota intake for Mechanical Engineering is 6 seats.

What is the tuition fee for the first year (2024–25) under the given fee structure?

The tuition fee for the first year (2024–25) is ₹127,640.00.

How much is the refundable deposit (interest) for the first year?

The refundable deposit (interest) for the first year is ₹125,000.00.

Is there an admission fee included in the fee structure? If yes, how much is it?

Yes, the admission fee is ₹240.00.

What is the KTU fee for the second year (2025–26)?

The KTU fee for the second year (2025–26) is ₹5,830.00.

How much is the KTU fee in the third year (2026–27) for ME, MA, and BT students?

The KTU fee in the third year (2026–27) for ME, MA, and BT students is ₹5,830.00.

What is the special fee in the first year?

The special fee in the first year is ₹4,020.00.

What is the SWAF (CULT A WAY) fee for all academic years?

The SWAF (CULT A WAY) fee is ₹3,850.00 for the first year and ₹750.00 for the second, third, and fourth years.

How much is the Institutional Development Fund for the first year?

The Institutional Development Fund for the first year is ₹5,000.00.

What is the total fee for the first year under this fee structure?

The total fee for the first year (2024–25) is ₹275,800.00.

What is the total fee for the fourth year (2027–28)?

The total fee for the fourth year (2027–28) is ₹158,685.00.

What is the lateral entry admission process for the second year?

Lateral entry admission to the second year is available for diploma holders, with an additional 10% of the annual intake in each programme allocated for such candidates.

Who conducts the allotment of seats for lateral entry admissions?

The allotment of seats for lateral entry admissions is done centrally by the Commissioner for Entrance Examinations, Government of Kerala.

How is the rank list for lateral entry admission prepared?

The rank list for lateral entry admission is published based on the Lateral Entry Test (LET) conducted by the Commissioner for Entrance Examinations.

Where can candidates register their options for lateral entry admission?

Candidates can register their options for lateral entry admission online at <https://cee.kerala.gov.in>.

Who is eligible for lateral entry admission?

Diploma holders are eligible for lateral entry admission to the second year of the respective programmes.

What is the intake for Biotechnology & Biochemical Engineering under the Lateral Entry Scheme?

The intake for Biotechnology & Biochemical Engineering (BB) is 6 seats.

How many seats are available for Computer Science & Engineering under the Lateral Entry Scheme?

The intake for Computer Science & Engineering (CS) is 6 seats.

What is the intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning) under the Lateral Entry Scheme?

The intake for Computer Science & Engineering (Artificial Intelligence & Machine Learning) (CL) is 6 seats.

How many seats are available for Electronics & Communication Engineering under the Lateral Entry Scheme?

The intake for Electronics & Communication Engineering (EC) is 12 seats.

What is the intake for Mechanical Engineering under the Lateral Entry Scheme?

The intake for Mechanical Engineering (ME) is 12 seats.

How many seats are available for Mechanical Engineering (Automobile) under the Lateral Entry Scheme?

The intake for Mechanical Engineering (Automobile) (MA) is 6 seats.

What educational qualification is required for lateral entry admission?

Candidates should have passed a three-year Diploma Examination in Engineering/Technology or examinations recognized as equivalent by the State Board of Technical Education/Universities or Institutions under the Government of India.

What is the minimum aggregate marks requirement for lateral entry admission?

Candidates must have at least 45% marks in aggregate (40% in case of SC/ST/SEBC or PwD candidates).

Where should candidates have undergone their studies for eligibility of lateral entry?

Candidates should have undergone studies at AICTE-approved institutions.

What are the tuition fees for merit students in the academic year 2024-25?

The tuition fees for merit students in the academic year 2024-25 are ₹42,550.00.

What are the tuition fees for management students in the academic year 2024-25?

The tuition fees for management students in the academic year 2024-25 are ₹79,030.00.

What is the admission fee for all categories in the academic year 2024-25?

The admission fee for all categories in the academic year 2024-25 is ₹240.00.

What is the KTU fee for merit students in the academic year 2025-26 for ME, MA, BT?

The KTU fee for merit students in the academic year 2025-26 for ME, MA, BT is ₹5,830.

What is the KTU fee for management students in the academic year 2025-26 for EC, CS, CL?

The KTU fee for management students in the academic year 2025-26 for EC, CS, CL is ₹5,510.

Are there any caution deposits required for merit or management students in the academic year 2025-26?

No, there is no caution deposit required for either merit or management students in the academic year 2025-26.

What is the special fee for merit students in the academic year 2026-27?

The special fee for merit students in the academic year 2026-27 is ₹3,390.00.

What are the PTA fees for both merit and management students in all academic years?

The PTA fees for all students in all academic years are ₹5,000.00 for 2024-25 and ₹700.00 for 2025-26 and 2026-27.

What is the total fee for management students in the academic year 2024-25?

The total fee for management students in the academic year 2024-25 is ₹1,09,660.00.

What is the total fee for merit students in the academic year 2026-27?

The total fee for merit students in the academic year 2026-27 is ₹57,475.00.

What was the closing rank for the BT branch under the SM category in 2023-24?

The closing rank for the BT branch under the SM category in 2023-24 was 16,367.

What was the closing rank for the CS branch under the FULL FEE category in 2023-24?

The closing rank for the CS branch under the FULL FEE category in 2023-24 was 7,139.

What was the closing rank for the CL branch under the SC category in 2023-24?

The closing rank for the CL branch under the SC category in 2023-24 was 41,761.

What was the closing rank for the EC (2 batch) branch under the BH/BX category in 2023-24?

The closing rank for the EC (2 batch) branch under the BH/BX category in 2023-24 was 11,457.

What was the closing rank for the MA branch under the MU category in 2023-24?

The closing rank for the MA branch under the MU category in 2023-24 was 37,470.

What was the closing rank for the ME (2 batch) branch under the EWS category in 2023-24?

The closing rank for the ME (2 batch) branch under the EWS category in 2023-24 was 40,105.

Which branch had the highest closing rank under the KSRTC category in 2023-24?

The ME (2 batch) branch had the highest closing rank under the KSRTC category in 2023-24, with a rank of 48,831.

What was the closing rank for the CL branch under the EZ category in 2023-24?

The closing rank for the CL branch under the EZ category in 2023-24 was 8,234.

What was the closing rank for the BT branch under the MU category in 2023-24?

The closing rank for the BT branch under the MU category in 2023-24 was 31,333.

What was the closing rank for the EC (2 batch) branch under the FULL FEE category in 2023-24?

The closing rank for the EC (2 batch) branch under the FULL FEE category in 2023-24 was 16,728.

What is the minimum percentage of marks required for NRI admission to the BT branch?

The minimum percentage of marks required for NRI admission to the BT branch is 83%.

What is the minimum percentage of marks required for NRI admission to the CL branch?

The minimum percentage of marks required for NRI admission to the CL branch is 93%.

What is the minimum percentage of marks required for NRI admission to the CS branch?

The minimum percentage of marks required for NRI admission to the CS branch is 96%.

What is the minimum percentage of marks required for NRI admission to the EC (2 batch) branch?

The minimum percentage of marks required for NRI admission to the EC (2 batch) branch is 92%.

What is the minimum percentage of marks required for NRI admission to the MA branch?

The minimum percentage of marks required for NRI admission to the MA branch is 80%.

What is the minimum percentage of marks required for NRI admission to the ME (2 batch) branch?

The minimum percentage of marks required for NRI admission to the ME (2 batch) branch is 81%.

How many postgraduate programs does the Institute currently offer?

The Institute currently offers 4 postgraduate programs.

To which university are all M.Tech programs of the Institute affiliated?

All M.Tech programs of the Institute are affiliated with APJ Abdul Kalam Technological University (KTU).

Are the postgraduate courses offered by the Institute approved by AICTE?

Yes, all postgraduate courses offered by the Institute are approved by the All India Council for Technical Education (AICTE).

What type of postgraduate programs does the Institute offer?

The Institute offers M.Tech postgraduate programs.

Who is responsible for filling up the merit seats for postgraduate admissions?

The merit seats for postgraduate admissions are filled up by the Director of Technical Education (DTE) from the rank list published by the DTE.

How many seats are reserved for the KSRTC category?

Three seats are reserved for the KSRTC category

Who fills the KSRTC category seats?

The KSRTC category seats are filled up by the Admission Committee in the college.

What happens if there are no candidates with a GATE score for selection?

In the absence of candidates with a GATE score, the selection will be based on the aggregate marks up to the 8th semester examination of the B.Tech course.

What is the first priority for candidate selection from the rank list prepared in the college?

The first priority is given to GATE scholars from the DTE's rank list.

Who is given the second priority for candidate selection?

The second priority is given to non-GATE scholars from the DTE's rank list.

What is the third priority for candidate selection?

The third priority is given to GATE scholars not included in the DTE's rank list but who have applied to the college.

Who is given the fourth priority for candidate selection?

The fourth priority is given to non-GATE scholars not included in the DTE's rank list but who have applied to the college.

What are the departments offering M.Tech programs?

The departments offering M.Tech programs are: Mechanical Engineering Computer Science and Engineering Electronics and Communication Engineering

What are the specializations available in the M.Tech program under Mechanical Engineering?

The specialization available in the M.Tech program under Mechanical Engineering is Machine Design.

How many students are admitted annually to the M.Tech Machine Design specialization in Mechanical Engineering?

The intake for the M.Tech Machine Design specialization in Mechanical Engineering is 18 students annually.

What is the specialization offered under Computer Science and Engineering in the M.Tech program?

The specialization offered under Computer Science and Engineering in the M.Tech program is Computer Science and Engineering.

What is the intake capacity for the Computer Science and Engineering specialization in the M.Tech program?

The intake capacity for the Computer Science and Engineering specialization in the M.Tech program is 18 students annually.

What are the specializations available in the M.Tech program under Electronics and Communication Engineering?

The specializations available under Electronics and Communication Engineering in the M.Tech program are: Signal Processing Automotive Electronics

How many students are admitted annually to the Signal Processing specialization under Electronics and Communication Engineering?

The intake for the Signal Processing specialization under Electronics and Communication Engineering is 18 students annually.

What is the annual intake for the Automotive Electronics specialization under Electronics and Communication Engineering?

The intake for the Automotive Electronics specialization under Electronics and Communication Engineering is 30 students annually.

What is the total tuition fee for a student under the "Merit" category?

The total tuition fee for a student under the "Merit" category is ₹11,030.00.

What is the total fee for a "KSRTC/SCTCE" category student?

The total fee for a "KSRTC/SCTCE" category student is ₹69,230.00.

How much is the tuition fee difference between the "Merit" and "KSRTC/SCTCE" categories?

The difference in tuition fees is ₹45,000.00 - ₹11,030.00 = ₹33,970.00.

Which fee components are the same for both "Merit" and "KSRTC/SCTCE" categories?

Admission Fees: ₹240.00 KTU Fee: ₹6,970.00 Caution Deposit: ₹5,000.00 Special Fee: ₹3,870.00  
SWAF: ₹3,600.00 Institutional Development Fund: ₹5,000.00 PTA: ₹4,500.00 Society: ₹50.00

What is the Society fee for each category?

The Society fee for each category is ₹50.00. Calculate the total difference in fees between the "Merit" and "KSRTC/SCTCE" categories. The total difference is ₹69,230.00 - ₹40,260.00 = ₹28,970.00.

What is the SWAF amount for both categories?

The SWAF amount for both categories is ₹3,600.00.

Is there any difference in Admission Fees for both categories?

No, the Admission Fees for both categories are the same, which is ₹240.00.

What does the Institutional Development Fund amount to for each category?

Institutional Development Fund is ₹5,000.00 for both categories.

What types of research programs does A P J Abdul Kalam Technological University offer?

A P J Abdul Kalam Technological University offers research programs in various disciplines, including: Engineering Technology Architecture Basic Sciences and Mathematics Management Allied Interdisciplinary areas These programs lead to the award of the Degree of Doctor of Philosophy (Ph.D.).

Which departments of SCTCE are recognized as research centers under A P J Abdul Kalam Technological University?

Department of Mechanical Engineering Department of Computer Science & Engineering Department of Electronics & Communication Engineering

What are the eligibility criteria for admission to the Ph.D. program? T

he eligibility criteria for admission to the Ph.D. program are: Engineering/Technology/Architecture: Master's degree in Engineering/Technology or Architecture, or a Master's degree by research in Engineering/Technology, with a minimum CGPA of 6.5. Basic Sciences/Mathematics: Master's degree in Basic Sciences or Mathematics with a minimum CGPA of 6.5. Computer Applications: Master's degree in Computer Applications with a minimum CGPA of 6.5. Management: Master's degree in Management with a minimum CGPA of 6.5, or an equivalent PG Diploma in Management from National Institutes with a minimum CGPA of 6.5. Management-Related Streams: Master's degree in Engineering/Technology in Management related streams with a minimum CGPA of 6.5.

Are there relaxed eligibility criteria for reserved categories?

Yes, Scheduled Caste (SC), Scheduled Tribe (ST), Other Backward Community (Non-Creamy Layer), and Differently-Abled candidates (with more than 40% disability) are eligible for admission with a minimum CGPA of 5.5 in all the cases mentioned above. Differently-abled candidates must produce a certificate of disability issued by the District Medical Board.

What is the maximum number of research scholars a professor can supervise?

Professor: 8 research scholars Associate Professor: 6 research scholars Assistant Professor: 4 research scholars

How are candidates selected for the Ph.D. program?

Candidates are selected for the Ph.D. program based on a written test and interview conducted by A P J Abdul Kalam Technological University (KTU). The university publishes the list of selected candidates.

How can candidates identify their research topics for the Ph.D. program?

Interested candidates can contact faculty members at the institution to identify their research topics before taking admission through KTU.

What is the role of the Doctoral Committee in the Ph.D. program?

A Doctoral Committee is constituted for each Ph.D. candidate to monitor their research work.

Is there a residential requirement for part-time Ph.D. scholars?

Yes, part-time Ph.D. scholars must complete a six-month residential period while doing their coursework.

What opportunities are available for research scholars to publish their work?

Research scholars can publish their papers in reputed journals and present their work at reputed international or national conferences.

What is the minimum period for submitting a Ph.D. thesis?

The minimum period for submitting a Ph.D. thesis is two years and six months.

Who supervises the Ph.D. scholars at the institution?

Faculty members of the institution supervise Ph.D. scholars in various research areas.

Who is Satish Kumar C, and what is his research area?

Satish Kumar C (KTU-F11316) is a supervisor in the Department of Electronics & Communication Engineering. His area of research is related to Electronics & Communication Engineering.

What is the guideship limit and vacancy for Satish Kumar C?

Guideship Limit: 8 Normal Guideship Limit: 5 Additional Guideship Limit: 3 Presently Guiding: 4  
Vacancy in Guideship: 4 Who is Anil Kumar S H

what is his research area?

Anil Kumar S H (KTU-F5003) is a supervisor in the Department of Mechanical Engineering. His area of research is Heat Transfer.

What is the guideship limit and vacancy for Anil Kumar S H?

Guideship Limit: 8 Normal Guideship Limit: 5 Additional Guideship Limit: 3 Who is Annamma L

what is her research area?

Annamma L (KTU-F6545) is a supervisor in the Department of Mechanical Engineering. Her area of research is Mechanical Engineering with a focus on Metallurgy and Material Engineering.

What is the guideship limit and vacancy for Annamma L?

Guideship Limit: 4 Normal Guideship Limit: 4 Additional Guideship Limit: 0 Presently Guiding: 0  
Vacancy in Guideship: 4

Who is Jisa Elsa Jacob, and what is her research area?



Jisa Elsa Jacob (KTU-F4041) is a supervisor in the Department of Electronics & Communication Engineering. Her research area is Advanced Biomedical Signal Processing.

What is the guideship limit and vacancy for Jisa Elsa Jacob?

Guideship Limit: 4 Normal Guidesip Limit: 4 Additional Guidesip Limit: 0 Presently Guiding: 0  
Vacancy in Guideship: 4

Who is Kavya L G, and what is her research area?

Kavya L G (KTU-F2930) is a supervisor in the Department of Mechanical Engineering. Her area of research is Mechanical Engineering.

What is the guideship limit and vacancy for Kavya L G?

Guideship Limit: 4 Normal Guidesip Limit: 4 Additional Guidesip Limit: 0 Presently Guiding: 3  
Vacancy in Guideship: 1

Who is Lakshmi V S, and what is her research area?

Lakshmi V S (KTU-F5964) is a supervisor in the Department of Electronics & Communication Engineering. Her research area is Communication and Signal Processing, including IoT Security.

What is the guideship limit and vacancy for Lakshmi V S?

Guideship Limit: 4 Normal Guidesip Limit: 4 Additional Guidesip Limit: 0 Presently Guiding: 0  
Vacancy in Guideship: 4 Who is Libin T V

what is his research area?

Libin T V (KTU-F5904) is a supervisor in the Department of Electronics & Communication Engineering. His research area is Electronics and Communication Engineering with a focus on Chip Fabrication.

What is the guideship limit and vacancy for Libin T V?

Guideship Limit: 8 Normal Guidesip Limit: 5 Additional Guidesip Limit: 3 Presently Guiding: 0  
Vacancy in Guideship: 8

Which departments are accredited at Sree Chitra Thirunal College of Engineering, and for how long?

Computer Science and Engineering: Valid from the academic year 2022–23 to 2025–26. Electronics and Communication Engineering: Valid from the academic year 2022–23 to 2025 26. Mechanical Engineering: Valid from the academic year 2022–23 to 2025–26. Mechanical Engineering (Auto): Valid from the academic year 2022–23 to 2025–26.

What is the status of the National Board of Accreditation (NBA) for the programs at Sree Chitra Thirunal College of Engineering?

All programs listed are accredited under the National Board of Accreditation (NBA) for the mentioned duration, confirming the college meets the standards required for higher education and employment.

Who is Muraleedharan N, and what is his research area?

Muraleedharan N (KTU-F1193) is a supervisor in the Department of Mechanical Engineering. His research area is Thermal Systems Engineering.

What is the guideship limit and vacancy for Muraleedharan N?

Guideship Limit: 8 Normal Guideship Limit: 5 Additional Guideship Limit: 3 Presently Guiding: 3  
Vacancy in Guideship: 5

Who is KR Mohanadas, and what is his research area?

KR Mohanadas (KTU-F2744) is a supervisor in the Department of Biotechnology and Biochemical Engineering. His research area is Biotechnology and Biochemical Engineering.

What is the guideship limit and vacancy for KR Mohanadas?

Guideship Limit: 4 Normal Guideship Limit: 4 Additional Guideship Limit: 0 Presently Guiding: 0  
Vacancy in Guideship: 4

Who is Sheril K K, and what is his research area?

Sheril K K (KTU-F5721) is a supervisor in the Department of Electronics and Communication Engineering. His research area is Electronics and Communication Engineering.

What is the guideship limit and vacancy for Sheril K K?

Guideship Limit: 4 Normal Guideship Limit: 4 Additional Guideship Limit: 0 Presently Guiding: 0  
Vacancy in Guideship: 4

What is the mission of Sree Chitra Thirunal College of Engineering regarding higher studies and employment?

The mission of Sree Chitra Thirunal College of Engineering is to ensure high-quality education and provide students with opportunities for higher studies and employment in top companies, aligning with global standards.

Who is the Chairman of the Board of Governors at Sree Chitra Thirunal College of Engineering?

The Chairman is K.B. Ganesh Kumar, Hon'ble Minister for Transport, Government of Kerala.

Who is the Vice Chairman of the Board of Governors?

The Vice Chairman is Dr. K Vasuki, Secretary to Government & CMD, KSRTC Transport Department, Government of Kerala.

Who represents the Higher Education Department in the Board of Governors?

Sri. Ajayan.C, Additional Secretary to Government, Higher Education Department, Government of Kerala, represents the department.

Who represents the Finance Department in the Board of Governors?

Smt. Anila L, Additional Secretary to Government, Finance Department, Government of Kerala, represents the department.

Who is the Director of Technical Education and a member of the Board of Governors?

Dr. Rajasree M S, Director of Technical Education, Trivandrum, and Director & Regional Officer of the All India Council for Technical Education (South Western Regional Office), is a member.

Who serves as the Financial Advisor and Chief Accounts Officer of KSRTC on the Board of Governors?

Sri. Shaji A serves as the Financial Advisor and Chief Accounts Officer of KSRTC. Name two educationalists on the Board of Governors. Dr. R. Sasikumar Sri. S.B. Asokan

Who is the Principal of Sree Chitra Thirunal College of Engineering and a member of the Board of Governors?

Dr. C. Sathish Kumar is the Principal and a member of the Board of Governors.

Who is in charge of the Planning Sub Committee?

The Principal is in charge of the Planning Sub Committee.

Who heads the Journal Purchase Committee?

The Principal heads the Journal Purchase Committee.

Which committee is managed by the Principal and focuses on academic weeks?

The Journal Week Committee is managed by the Principal.

Who oversees the Internal Quality Assurance Cell?

The Principal oversees the Internal Quality Assurance Cell.

Who is the faculty-in-charge of the Discipline Action Committee?

Dr. Aneep Kumar is the faculty-in-charge of the Discipline Action Committee.

Which committee is responsible for student grievances and redressal, and who oversees it?

The Student Grievance & Appeals Committee is responsible, and it is overseen by the Principal.

Who is responsible for the Student Welfare Committee?

Dr. S. Muralikrishna is responsible for the Student Welfare Committee.

Who leads the Grievance Redressal Committee for Faculty and Staff?

The Principal leads the Grievance Redressal Committee for Faculty and Staff.

Who is the faculty-in-charge of the Anti-Ragging Committee?

Dr. Lijukumar is the faculty-in-charge of the Anti-Ragging Committee.

Which committee is managed by Mr. Rajendran Robinson?

Mr. Rajendran Robinson manages the Internal Complaints Committee.

Who heads the Gender Justice Forum?

Dr. Sreeja B heads the Gender Justice Forum.

What is the committee under Dr. E. Divya's leadership?

Dr. E. Divya leads the SC/ST Cell. Who oversees the Innovation & Entrepreneurship Development Cell?

Dr. Saji V.R. oversees the Innovation & Entrepreneurship Development Cell.

Which committee is headed by Dr. Saji V.R. and focuses on career-related activities?

The Career Guidance & Placement Unit is headed by Dr. Saji V.R.

Who manages the Alumni Association?

Sri. Chidambaran Shastry manages the Alumni Association

Who is the faculty-in-charge of the Hostel Cell?

Smt. Gincy M. Jose is the faculty-in-charge of the Hostel Cell.

What is the responsibility of Dr. Bibby Philip, and which committee does he lead?

Dr. Bibby Philip leads the Journal of Scientific & Academic Publications Committee.

Who is responsible for transportation and related affairs?

Sri. Rajesh S.P. is responsible for transportation.

Which committee is managed by Dr. Mohan S.S., and what is its focus?

Dr. Mohan S.S. manages the Library Council.

Who oversees Research & Consultancy Projects?

Dr. Mohan G. oversees Research & Consultancy Projects.

Who leads the Professional Societies committee?

Smt. Asha S. leads the Professional Societies committee.

Who is the in-charge of Computer Services & Networking?

Smt. Rajina M. is the in-charge of Computer Services & Networking.

Which faculty member manages the Union Council & Student Activities?

Dr. Arun M. manages the Union Council & Student Activities.

Who oversees Alumni Coordination?

Dr. Gincy M. Jose oversees Alumni Coordination.

Which faculty member manages AICTE Approval & Accreditation?

Dr. Sreeja B. manages AICTE Approval & Accreditation.

Who is responsible for Attendance Monitoring (Staff & Students)?

Dr. Bibby Philip is responsible for Attendance Monitoring (Staff & Students).

What is the purpose of the Internal Complaints Committee (ICC) at SCTCE?

The Internal Complaints Committee (ICC) of SCTCE was constituted to conduct studies on all matters with financial implications for the college.

Who are the members of the Internal Complaints Committee (ICC) of SCTCE?

The members of the Internal Complaints Committee (ICC) of SCTCE are: Joint Secretary, Finance Department, Kerala Government FA & CAO, KSRTC Dr. R. Sasikumar, Board Member, SCTCE Sri. S.B. Asokan, Board Member, SCTCE Principal, SCTCE Administrative Officer, SCTCE

Which department does the Joint Secretary in the ICC represent?

The Joint Secretary in the ICC represents the Finance Department, Kerala Government.

Which organization does the FA & CAO in the ICC belong to?

The FA & CAO in the ICC belongs to KSRTC.

Who are the board members included in the ICC of SCTCE?

The board members included in the ICC of SCTCE are: Dr. R. Sasikumar Sri. S.B. Asokan

What is the role of the Administrative Officer in the ICC of SCTCE?

The Administrative Officer is one of the committee members in the ICC of SCTCE.

What is the purpose of the External Purchase Committee of SCTCE?

The External Purchase Committee of SCTCE was constituted to approve purchases beyond ₹25 lakhs and up to ₹2 crores.

Who are the members of the External Purchase Committee?

The members of the External Purchase Committee are: Two members of the Board of Governors nominated by the Chairman Additional Secretary, Finance Department, or nominee Head of the concerned department in SCTCE

What is the purpose of the External Works Committee of SCTCE?

The External Works Committee of SCTCE was constituted to approve works beyond ₹25 lakhs and up to ₹2 crores.

Who are the members of the External Works Committee?

The members of the External Works Committee are: Mr. Chandra Babu, Executive Director (Operations) in charge, KSRTC Additional Secretary, Finance Department, Kerala Mr. Nazeer P, Retired Executive Engineer, PWD Dean (Planning and Development), SCTCE Executive Engineer (Buildings Division), PWD Sri. S.B. Asokan, Board Member as Chairman's Nominee Principal, SCTCE

What is the role of the Dean (Planning and Development) in the External Works Committee?

The Dean (Planning and Development) of SCTCE is a committee member responsible for planning and development matters related to the approval of works.

Who represents the KSRTC in the External Works Committee?

Mr. Chandra Babu, the Executive Director (Operations) in charge of KSRTC, represents KSRTC in the External Works Committee.

What is the financial approval range for both the External Purchase and External Works Committees of SCTCE?

Both committees are authorized to approve purchases or works beyond ₹25 lakhs and up to ₹2 crores.

List all the members of the committee along with their designations and respective departments

Dr. C. Sathish Kumar - Principal, SCTCE Dr. Subu Surendran - Co-ordinator, Professor, Computer Science and Engineering Dr. Anoop M.S. - Professor, Mechanical Engineering Smt. Susmitha Kumari S. - Assistant Professor, Biotechnology and Biochemical Engineering Dr. Anoop M.S. - Assistant Professor, Mechanical Engineering Dr. Shimi Lawrence - Professor, Civil Engineering Dr. R. Sasikumar - Member, Board of Governors (BOG) Smt. Sajitha Kumari R. - Member (Designation and Department not mentioned) Sri. Rajkumar R. - PTA Nominee Dr. Abhilash S.S. - Assistant Professor, Mechanical Engineering Sri. S. Venugopal - Joint General Manager, HLL Life Care Ltd.

Who are the members of the Disciplinary Action Committee of SCTCE, and what are their designations and departments?

Dr. K.B. Radhakrishnan - Chairman, Professor, Biotechnology and Biochemical Engineering Dr. Subu Surendran - Professor, Computer Science and Engineering Dr. Premkumar J. - Associate Professor, Mechanical Engineering Sri. Biju Jacob - Assistant Professor, Biotechnology and Biochemical Engineering Smt. Kavitha K.V. - Associate Professor, Computer Science and Engineering

What are the objectives of the Students Grievance Redressal Cell at SCTCE?

Upholding the dignity of the College by ensuring a strife-free atmosphere through promoting cordial Student-Student and Student-Teacher relationships. Encouraging students to express their grievances/problems freely and without fear of victimization. Ensuring effective solutions to students' grievances with an impartial and fair approach. Developing a responsive and accountable attitude among stakeholders to maintain a harmonious educational atmosphere.

What are the functions of the Students Grievance Redressal Cell at SCTCE?

Examining the complaints lodged by students and judging their merit. Addressing matters of harassment reported by students. Allowing students to approach the Cell for grievances related to academic, financial, health services, library, transportation, and other central services.

What issues are excluded from the scope of the Students Grievance Redressal Cell at SCTCE?

Decisions of the College Council, Academic Council, Board of Studies, or other administrative or academic committees. Decisions regarding scholarships, fee concessions, or medals. Disciplinary matters and cases of misconduct. Decisions regarding admissions to any courses. Assessment and examination results decided by competent authorities.

What is the meeting frequency and quorum requirement for the Students Grievance Redressal Cell at SCTCE?

The committee shall meet at least once a month. The quorum for the meeting is fifty percent of the members of the Council.

Who are the members of Students Welfare Committee, and what are their respective designations and departments?

Dr. C. Sathish Kumar - Principal (Chairman), SCTCE. Dr. Shyji S. - Professor (Convenor), Mechanical Engineering. Dr. Sheeja M.K. - Professor, Electronics & Communication Engineering. Ms. Aparna Shibu - Student, Electronics & Communication Engineering.

Who are the members of the Students Welfare Committee at SCTCE, and what are their designations and departments?

Dr. S. H. Anilkumar - Professor, Mechanical Engineering. Smt. Sandhya L. - Associate Professor, Electronics and Communication Engineering. Sri. Chitaranjan K. - Assistant Professor, Computer Science and Engineering.

Who are the members of the Grievance Redressal Committee for Faculty and Staff at SCTCE, and what are their designations and departments?

Dr. C. Sathish Kumar (Chairman) - Principal, SCTCE. Dr. K.B. Radhakrishnan - Professor, Biotechnology and Biochemical Engineering. Dr. Anoop Kumar S. (Convenor) - Professor, Mechanical Engineering. Dr. Kavilal E. G. - Assistant Professor, Mechanical Engineering. Dr. Soniya B. - Professor, Computer Science and Engineering. Sri. Joshy R.S. - Workshop Superintendent. Smt. Sajithakumari R. - Mechanical Engineering.

Who is the principal of the college?

The principal of the college is Dr. C. Sathish Kumar.

What positions has Dr. C. Sathish Kumar held in the past?

Dr. C. Sathish Kumar has served as the Principal of Rajiv Gandhi Institute of Technology Kottayam and Government Engineering College Idukki, each for 2 years.

How many years of experience does Dr. C. Sathish Kumar have as a faculty member?

Dr. C. Sathish Kumar has more than 32 years of experience as a faculty member in Government Engineering Colleges in the state.

What are Dr. C. Sathish Kumar's educational qualifications?

Dr. C. Sathish Kumar received his B.Tech. degree in Electronics & Communication Engineering from TKM College of Engineering Kollam, M.Tech. degree from Indian Institute of Technology Bombay, and Ph.D. degree from PSG College of Technology Coimbatore, under Bharathiar University.

What administrative roles has Dr. C. Sathish Kumar held in academic institutions?

Dr. C. Sathish Kumar served as the Dean of Faculty of Engineering and Chairman of the Board of Studies (PG) in the University of Calicut. He was also a member of the Syndicate and the Board of Governors of APJ Abdul Kalam Technological University, Thiruvananthapuram, during 2021-23, and a Senate Member of Cochin University of Science and Technology during 2021-23. Additionally, he officiated as a member of the Academic Council and Convenor of Syndicate Standing Committee on Examinations in APJ Abdul Kalam Technological University.

How many research scholars has Dr. C. Sathish Kumar guided for their Ph.D. degrees?

Dr. C. Sathish Kumar has guided two research scholars for their Ph.D. degrees.

How many research publications does Dr. C. Sathish Kumar have?

Dr. C. Sathish Kumar has more than 40 research publications, which include 10 SCIE and 2 Scopus research papers.

How much funding has Dr. C. Sathish Kumar acquired for institutions through sponsored projects?

Dr. C. Sathish Kumar has acquired around 38 lakhs for the institutions through sponsored projects from various agencies.

Has Dr. C. Sathish Kumar organized any conferences?

Yes, Dr. C. Sathish Kumar has organized two national conferences.

What is Dr. C. Sathish Kumar's role as a reviewer?

Dr. C. Sathish Kumar is a reviewer for six SCIE international journals.

Has Dr. C. Sathish Kumar served as a Ph.D. examiner for any universities?

Yes, Dr. C. Sathish Kumar has served as a Ph.D. examiner for Anna University Chennai, Pondicherry University, and University of Kerala.

Who is the Dean of Academic at the college?

The Dean of Academic is Dr. Anoop Kumar S. What is Dr. Anoop Kumar S's educational background?

Dr. Anoop Kumar S completed his B.Tech degree in Mechanical Engineering from the College of Engineering, Trivandrum, in 1993, and his M.Tech degree in Mechanical Engineering (Machine Design) from the same institution in 1995.

When did Dr. Anoop Kumar S join SCTCE, and what position did he hold?

Dr. Anoop Kumar S joined SCTCE as a Lecturer in Mechanical Engineering on 18th October 1996.

How many publications does Dr. Anoop Kumar S have?

Dr. Anoop Kumar S has eleven publications in journals, including SCIE/SCOPUS/UGC-CARE indexed journals, and fourteen conference publications.

Has Dr. Anoop Kumar S reviewed publications in any journals?

Yes, Dr. Anoop Kumar S has reviewed publications in journals such as Industrial Lubrication and Tribology, Journal of the American Oil Chemists' Society, Biomass Conversion and Biorefinery, as well as conference publications.

Has Dr. Anoop Kumar S served as a subject expert?

Yes, Dr. Anoop Kumar S has acted as a subject expert in the departmental promotion committees of NIIST and VSSC.

What significant responsibilities has Dr. Anoop Kumar S held recently at the college/university level?

Dr. Anoop Kumar S held the following significant responsibilities: Head, Department of Mechanical Engineering, SCTCE Member, Board of Studies, Management Studies, KTU Convener, District Examination Squad, Trivandrum Squad 1, KTU Member, Syllabus Committee, Mechanical (Production), KTU Convener, Timetable Committee, SCTCE Convener, PG Board, SCTCE Staff Co-ordinator, College chapter of Indian Society of Non Destructive Testing (ISNT) Member, Internal Quality Assurance Cell, SCTCE Member, High Power Committee for Accreditation, SCTCE

What are Dr. Anoop Kumar S's professional society activities?

Dr. Anoop Kumar S is: A Fellow and Chartered Engineer of the Institution of Engineers, India. A Life Member of the Indian Society for Technical Education (ISTE). A Life Member of the Indian Society of Non Destructive Testing (ISNT). A Life Member of the Tribology Society of India (TSI).

What are Dr. Anoop Kumar S's major areas of interest?



Dr. Anoop Kumar S's major areas of interest are: Tribology Composites Operations Management  
Human Resources Management

Who is the Dean of P.G. Studies at the college?

The Dean of P.G. Studies is Dr. S. H. Anilkumar.

What is Dr. S. H. Anilkumar's educational background?

Dr. S. H. Anilkumar completed his B.Tech degree in Mechanical Engineering from the College of Engineering, Trivandrum, in 1992, and his M.Tech degree in Mechanical Engineering (Thermal Science) from the same institution in 1995. He was awarded his Ph.D. in Mechanical Engineering from the National Institute of Technology, Calicut, in 2010.

Where did Dr. S. H. Anilkumar start his career?

Dr. S. H. Anilkumar started his career as a Lecturer in Mechanical Engineering at The Indian Engineering College, Vadakkangulam, Tamil Nadu, on 31st October 1994. He then worked as a Lecturer in Mechanical Engineering at the College of Engineering [IHRD], Chengannur, from 27th November 1995. He joined SCTCE as a Lecturer in Mechanical Engineering on 28th October 1996 and became a Senior Lecturer from 28th October 2001.

How many publications does Dr. S. H. Anilkumar have?

Dr. S. H. Anilkumar has four journal publications and ten conference publications.

Has Dr. S. H. Anilkumar presented papers at international conferences?

Yes, Dr. S. H. Anilkumar has chaired and presented papers at international conferences at Imperial College, London, and Heidelberg, Germany, in 2008.

Is Dr. S. H. Anilkumar a reviewer for any journals or conferences?

Yes, Dr. S. H. Anilkumar is a reviewer for the Institution of Engineers Journal and National Conference publications.

Has Dr. S. H. Anilkumar attended any short-term courses?

Yes, Dr. S. H. Anilkumar has participated in many short-term courses at IIT Madras, IIT Kanpur, IIT Bhubaneswar, NIT Calicut, and other engineering colleges in India.

Has Dr. S. H. Anilkumar held any leadership positions?

Yes, Dr. S. H. Anilkumar has acted as a subject expert in the departmental promotion committees of NIIST, VSSC, and SCTIMST. He also held the post of Head of the Department (HOD) of the Mechanical Engineering Department from 1st November 2013 to 28th April 2016. He was in charge of the Principal from 19th April 2017 to 4th June 2018.

What is Dr. S. H. Anilkumar's current role?

Dr. S. H. Anilkumar is currently working as the Dean of P.G. Studies at the institution.

What are Dr. S. H. Anilkumar's professional society memberships?

Dr. S. H. Anilkumar is a: Fellow and Chartered Engineer of the Institution of Engineers, India. Life Member of the Indian Society for Technical Education (ISTE). Life Member of the Combustion

Institute. Life Member of the Indian Society for Heat and Mass Transfer. Affiliate Member of the American Society for Mechanical Engineers.

What are Dr. S. H. Anilkumar's areas of interest?

Dr. S. H. Anilkumar's areas of interest are: Convective Heat Transfer in an enclosure utilizing different fluids Waste management in the transport sector Internal Combustion Engines Research Methodology

Who is the Professor and Dean of Student Affairs at the college?

The Professor and Dean of Student Affairs is Dr. Shyji.

What is Dr. Shyji's educational background?

Dr. Shyji completed his B.Tech in Mechanical Engineering in 1997, M.Tech in 2001, and Ph.D. in 2019, all from the University of Kerala.

When did Dr. Shyji join the college, and what is his current position?

Dr. Shyji joined the college in March 2001 as a Lecturer in Mechanical Engineering and is currently serving as an Associate Professor and Dean of Student Affairs.

What significant duties has Dr. Shyji performed at the college?

During his service, Dr. Shyji has served in the following roles: Convenor of the Centre for Continuing Education (CCE) Member of the Academic Council Member of the TEQIP committee Head of the Innovation Centre for the retrofitting of the Diesel bus to Electric Bus Member of the PG Board of Studies (KTU) Representative of KTU - PG Board of Studies of Mar Baselios College of Engineering

What professional societies is Dr. Shyji a member of?

Dr. Shyji is a life member of: ISTE (Indian Society for Technical Education) ISHMT (Indian Society for Heat and Mass Transfer)

How many technical publications and presentations does Dr. Shyji have?

Dr. Shyji has several technical publications in international journals and has presented topics at international conferences.

Who is the Dean of Planning and Development at the college?

The Dean of Planning and Development is Dr. George M Joseph.

What are the responsibilities of the Dean of Planning and Development?

The Dean of Planning and Development is responsible for: Formulating the expansion and diversification plan of institutional activities Developing the Institute's future vision for infrastructure enhancement Preparing all developmental and maintenance proposals Monitoring the progress and utilization of funds :

When did Dr. George M Joseph start his career at the college, and what is his current designation?

Dr. George M Joseph started his career at the college in 2001 as a lecturer in the Department of Electronics and Communication Engineering and is currently designated as an Associate Professor in the same department.

What is Dr. George M Joseph's educational background?

Dr. George M Joseph secured his Master's degree in Electronics Design Technology from the National Institute of Technology, Calicut, and his Ph.D. from the University of Kerala in the Design of High-Performance Data Converters.

Who is the Administrative Officer at the college?

The Administrative Officer is Tessy Jose. Contact: 9895517463

Who are the Junior Superintendents at the college?

Indulekha K. N Contact: 9497017095 Biju V A Contact: 9447033322

Who is the Civil Engineer at the college? The Civil Engineer is N K Pradeep Kumar. Contact: 9447855420

Who is the Head Accountant at the college?

The Head Accountant is Asha G. K. Contact: 9495954320

Who is the Senior Clerk at the college?

The Senior Clerk is Lekshmi V. Contact: 9447589785

Who is the Confidential Assistant at the college?

The Confidential Assistant is Asha R.P. Contact: 9895673289

Who is the LDC at the college?

The LDC is Aswathy R.B. Contact: 9497268863

Who is the Clerical Assistant at the college?

The Clerical Assistant is Priyadarshini M.R. Contact: 9947808231

Who is the Electrician at the college?

The Electrician is Sri. Giju C. Contact: 9847229504

Who is the Plumber at the college?

The Plumber is Sri. Kirannath G. Contact: 9495520771

Who is the Senior Driver at the college?

The Senior Driver is Sambasivan S. Contact: 9745180852

Who is the Driver Grade II (Higher Grade) at the college?

The Driver Grade II is Sreekanth V S. Contact: 9995353578

Who are the Office Attendant and Sweeper at the college?

The Office Attendant is Princy R S. The Sweepers are: Suja A P T K Retnamma P T Sarojini B P T Usha Nandini P T Sanooja P T P. Ambika P T

What academic programs are offered by the Institute?

The Institute offers 7 undergraduate and 3 post graduate programs.

What is the affiliation of the Institute's programs?

All programs up to 2014 admissions are affiliated to Kerala University. All B.Tech and M.Tech programs from 2015 admission batch onwards are affiliated to APJ Abdul Kalam Technological University (KTU). All courses are approved by the All India Council for Technical Education (AICTE).

What are the undergraduate programs offered by the Institute?

The undergraduate programs offered are: B.Tech (Regular) in: Computer Science and Engineering (Intake: 120) Biotechnology and Biochemical Engineering (Intake: 60) Electronics and Communication Engineering (Intake: 120) Mechanical Engineering (Intake: 120) Mechanical Engineering (Auto) (Intake: 60) Computer Science and Engineering (Artificial Intelligence and Machine Learning) (Intake: 60)

What are the postgraduate programs offered by the Institute?

The postgraduate programs offered are: M.Tech in: Mechanical Engineering (Specialization: Machine Design, Intake: 18) Computer Science and Engineering (Specialization: Computer Science and Engineering, Intake: 18) Electronics and Communication Engineering (Specialization: Signal Processing, Intake: 18) Electronics and Communication Engineering (Specialization: Automotive Electronics, Intake: 30)

What is the National Service Scheme (NSS) at SCTCE?

The National Service Scheme (NSS) at SCT College of Engineering (SCTCE) is a community service initiative under the Ministry of Youth Affairs & Sports. With a volunteer strength of more than 200, it is one of the most active NSS units in Kerala, functioning under the NSS Technical Cell, Govt. of Kerala. The NSS Unit was registered in 2009 (Reg. No: 225) and has since expanded by undertaking various community projects and programs in collaboration with different government departments and agencies. Currently, SCTCE has two NSS units (Unit No: 225 & 527).

What are some of the major community activities undertaken by the NSS Unit at SCTCE?

The NSS Unit at SCTCE has undertaken several community activities, including: KATHIR: Paddy field cultivation for water retention, green boosting, and livelihood. NEYES: Skill development and entrepreneurship training. AMRUTAKERALAM: Campus cleaning and tree plantation. Red Ribbon Club: Blood donation campaigns under KSACS. BHOOMIKORU KOOTTU: Canal and pond cleaning. HOME FOR HOMELESS: Providing shelter to the poor community. PUNARJJANI: Repairing and cleaning old hospital equipment and furniture. Waste Management, Organ Donation Awareness Camps, and Alcohol and Substance Abuse Awareness Programs.

What awards and recognition has the NSS Unit of SCTCE received?

The NSS Unit at SCTCE has received numerous awards, including: Best Unit, Best Programme Officer, and Best Volunteer awards from the Directorate of Technical Education, Govt. of Kerala. State-Level Best Volunteer Award from the Govt. of Kerala. National Young Leaders Program Award from the Ministry of Youth Affairs and Sports. Award for the Best Journal during the 'Map My Home' survey from the Dept. of Land Records & Revenue, Govt. of Kerala. Continuous appreciation awards from NSS Technical Cell, Govt. of Kerala.

What are some of the social service activities the NSS Unit participates in?

The NSS Unit participates in various social service activities, such as: Blood and organ donation camps. Awareness programs. Tree planting initiatives. Swachh Mission programs. Agricultural projects.

What is the aim of the activities conducted by the NSS Unit at SCTCE?

The aim of all activities conducted by the NSS Unit is personality development through community service. The program encourages students to help society, develop empathy, and become responsible citizens. The unit emphasizes building strong personalities with a caring attitude while complementing academic studies at SCTCE.

What recognition do NSS volunteers receive upon successful completion of their service?

Volunteers who successfully complete their service are eligible for 60 Activity Points from APJ Abdul Kalam Technological University (APJKTU) and a certificate from the Govt. of Kerala.

What is the significance of the NSS unit at SCTCE?

The organisation and management of the NSS unit are of vital significance. In SCTCE, two units are currently functioning with a volunteer strength of 200.

What is the administrative structure of the NSS unit at the institution level?

At the college level, the NSS unit serves as the grass-root unit. It maintains contact with the community, administration, student youth, and teaching faculty.

Who can enroll as NSS volunteers?

NSS volunteers are enrolled from the first and second-year degree-class students. Preference is given to students who have previously worked as NSS volunteers at the +2 level.

What is the training period for NSS volunteers?

During the first year, selected students undergo a training period of one year. Actual enrolment into the unit occurs only in the second year, based on attendance and activity performance.

What is the duration of NSS enrolment?

NSS enrolment is for a period of two years. How are volunteer secretaries selected in the NSS unit? Two volunteers, one girl and one boy, are selected as the volunteer secretaries of the unit to coordinate activities based on their previous contributions to NSS.

How many Programme Officers are assigned to each NSS unit?

One Programme Officer is in charge of one NSS unit.

Who can be appointed as Programme Officer for an NSS unit?

Only teaching faculty members are eligible for appointment as Programme Officers.

What are the responsibilities of a Programme Officer?

A Programme Officer is responsible for the organisation of the NSS unit and the implementation of NSS programmes under the supervision and direction of the Principal or the head of the institution.

What year was the NSS registered at SCTCE?

The NSS was registered in the year 2009.

Which villages have been adopted by the NSS units?

The adopted villages are Nemom and Pappanamcode.

What awards or recognitions did the NSS unit receive in the academic year 2014-15?

Directorate Level Special Appreciation Award. Special appreciation from Sree Chitra Medical Institute. The Programme Officer was selected as the Facilitation Manager for Lal Bahadur Stadium, Kollam, in the 35th National Games held in Kerala.

What state-level programmes did the NSS unit organise in 2014-15?

"VITUS II," a state-level camp on Alcohol and Other Substance Abuse Prevention. "VITUS III," an organ donation awareness programme titled "Immortals of Trivandrum."

How many Swachh Mission programmes were organised in 2014-15?

The NSS unit organised 25 Swachh Mission programmes.

What medical-related camps were organised in 2014-15?

A stem cell donation awareness camp. Two blood donation camps.

How many activities were conducted in total during the academic year 2014-15?

A total of 50 activities were conducted.

What workshops and programmes were organised by the NSS unit in 2015-16?

An inter-district level workshop on Gender Equality. "Lakshya," a team giving awareness about higher studies to school kids. "Waste to Green," which resulted in Pappanamcode ward being declared a clean ward by Trivandrum Corporation.

What awards or recognitions were received by the NSS unit in 2015-16?

Directorate Level Best Unit Award. Directorate Level Best Programme Officer Award. Directorate Level Best Volunteer Award. State Level Best Volunteer Award. Best Journal Award from the Department of Land Records & Revenue.

How many Swachh Mission programmes were organised in 2015-16?

The NSS unit organised 12 Swachh Mission programmes.

What were some notable initiatives of the NSS unit in 2015-16?

Started "Lakshya" to provide higher studies awareness to school kids. Helped with the "Map My Home" project for the Department of Land Records and Revenue. Handed over a home to two parentless kids at Nemom.

How many activities were conducted in total during the academic year 2015-16?

A total of 96 activities were conducted.

What international recognition was achieved by an NSS volunteer in 2015-16?

A volunteer was selected for the International Youth Exchange Program held in China.

What was the national-level recognition received in 2016?

The NSS unit received the National Level Award - NYLP-2016.

What environmental initiatives were undertaken by the NSS unit "Kathir-2016," where 1.5 acres of paddy field were cultivated.

Nature Camps were held at Peppara and Neyyar.

How many medical-related camps were organised in 2015-16?

Two blood donation camps. Free medical camps at Kattakkada and Punnamoodu.

What other notable events were organised by the NSS unit in 2015-16?

"VITUS-IV," a state-level camp on Smart Energy Program. A free eye-testing camp at Nemom.

What is Cult a Way? When did Cult a Way start?

Cult a Way is the annual technical and cultural festival of SCT College. It started in 2011.

How has Cult a Way grown since its inception? How long does the Cult a Way festival last? Who participates in Cult a Way? What events are included in Cult a Way? What are proshows in Cult a Way?

It rapidly became one of the major college festivals in Kerala. It is a four- or five-day event held annually. Almost all colleges in the state participate in the event. The festival includes: Technical workshops Cultural events like dance programs Treasure hunt Quizzes Fashion shows Proshows are large-scale performances that attract students and the public in large numbers, marking the culmination of the four-day festival.

Why is Cult a Way significant?

It is considered one of the best college festivals in Kerala and a favorite among younger generations.

What are the different clubs available at SCTCE?

SCTCE has a variety of clubs catering to different interests of students. Some of the prominent clubs include: Technical Clubs: IEEE Student Branch ISTE (Indian Society for Technical Education) Chapter SAE (Society of Automotive Engineers) Club Robotics Club Coding and Development Club Cultural and Arts Clubs: Music Club Dance Club Drama Club Fine Arts Club Sports and Fitness Clubs: Sports Club Yoga Club Literature and Debate Clubs: Debate Club Literary Club Social Service and Environment Clubs: NSS (National Service Scheme) Nature Club Blood Donors' Club Innovation and Entrepreneurship Clubs: IEDC (Innovation and Entrepreneurship Development Cell) Start-up Cell Special Interest Clubs: Photography Club Movie Club Quiz Club

What is the name of SCT's music club?

The music club is called Malhaar.

What is the focus of Malhaar?

The club celebrates a passion for music and offers a diverse range of activities catering to various musical interests.

Who is the club in charge of the Music Club?

Dr. Jisu Elsa Jacob.

What is the purpose of the Literary and Debate Club?

The club aims to sharpen communication and critical thinking skills through lively discussions and structured arguments.

Who is the club in charge of the L & D Club?

Sajith Sethu. What is the focus of the Dance Club?

The club brings together passionate dancers to create mesmerizing performances and has a history of remarkable achievements and accolades.

Who is the club in charge of the Dance Club?

Dr. Rohini.

What is the purpose of the Film Club?

The club connects film enthusiasts to explore, appreciate, and discuss the art of cinema.

Who is the club in charge of the Film Club?

Baji K.

What is the focus of the Photography Club?

The club is for enthusiastic photographers to learn, share, and explore the art of photography, offering opportunities to enhance skills and capture captivating moments.

Who is the club in charge of the Photography Club?

Baji K.

What is the purpose of the Fashion Club?

The club celebrates personal style, trends, and creativity, embracing fashion as a form of self expression.

Who is the club in charge of the Fashion Club?

Dr. Rohini.

What is the focus of the Cycling Club?

The club unites avid cyclists to explore scenic routes, improve cycling skills, and promote a healthy lifestyle.

Who is the club in charge of the Cycling Club?

Dr. Arun M.

What is the aim of the ENCON Club?

The club focuses on energy conservation and organizes expert talks, workshops, and seminars to raise awareness among students and the public.

What activities does the ENCON Club organize?

The club organizes quiz programs, expert talks, workshops, and seminars.



How is the ENCON Club structured?

It consists of students from all departments, coordinated by a faculty member and a student committee.

What is the purpose of the Literary Club?

The club promotes literature by focusing on a specific genre or writer, conducting research, publishing newsletters, and holding discussions.

What activities are conducted by the Literary Club?

The club conducts research on chosen authors or genres, publishes newsletters, and holds meetings to discuss findings.

What is IEEE?

IEEE is a student branch of the professional society IEEE, managed by experts and involving students and teachers who are IEEE members.

What activities does the IEEE student chapter organize?

It organizes expert talks, workshops, and seminars to expose members to rapid technological developments in Electronics, Computer Science, Image Processing, Communication, and Information Technology.

What resources are available to IEEE members?

Members can access e-journals through the IEEE website, and the library subscribes to these resources.

Who coordinates the IEEE activities?

A faculty member from the same department, along with a student committee from all semesters, coordinates the activities.

What is CSI?

CSI is a professional society managed by experts, involving students and teachers who are members of the Computer Society of India.

What events does the CSI student chapter organize?

It organizes expert talks, workshops, and seminars on technological developments in Computer Science, Image Processing, Communication, Machine Learning, and Information Technology.

What resources are available to CSI members?

Members can access e-journals via the CSI website, and the library subscribes to "CSI Communications."

Who coordinates the CSI activities?

A faculty member and a student committee from all semesters manage the activities.

What is ASME?

ASME is a professional association promoting the art, science, and practice of multidisciplinary engineering and allied sciences worldwide.

What does ASME focus on?

It focuses on education, training, professional development, research, conferences, publications, government relations, and engineering standards.

What is SAE?

SAE is a professional society for Mechanical Engineering students, comprising students and teachers from the Mechanical department.

What activities does SAE organize?

SAE organizes expert talks, workshops, and seminars on technological developments in Mechanical Engineering and related fields.

Who coordinates SAE activities?

Activities are coordinated by a faculty member and a student committee from all semesters.

What is LANSCAPE?

LANSCAPE is a technology and cultural association of the Computer Science and Engineering Department, involving students, faculty, and alumni.

What is the mission of LANSCAPE?

Its mission is to foster workshops and seminars to promote research-oriented thinking in cutting-edge fields of Computer Science.

What initiatives does LANSCAPE lead?

It organizes seminars, workshops, and provides sponsorships or technical support. It also formed a Code Club and a FOSS Cell to promote open-source software.

What are some live projects under Code Club?

Projects include Department Website Development, Staff Punching System, and Library Management Software.

What is CEST?

CEST is an association of the faculty and students of the Electronics and Communication Department, reconstituted in 2014 to provide insights into the latest technological developments.

What activities does CEST promote?

It provides a platform for students to enhance their organizational skills and technical expertise through faculty-supported initiatives.

Who reconstituted CEST, and when?

Prof. (Dr.) Sheeja M.K. reconstituted CEST, and it was inaugurated on 29th August 2014.

Who coordinates the activities and programs in the council?

All activities and programs are coordinated by a faculty member in the same department, which also includes a student committee from all semesters.

What are the objectives of the council?

The objectives are: 1. Provide students with supportive co-curricular training to enhance curricular performance. 2. Update students with recent industry trends. 3. Teach new skills and upgrade existing ones. 4. Groom students in teamwork, leadership, and public communication. 5. Bridge the gap between textbook syllabi and practical industry applications. 6. Provide insight into core research areas of Electronics and Communication Engineering.

Who is the staff-in-charge for the council?

The staff-in-charge is Smt. Bindu V.

What is the Indian Institute of Chemical Engineers (IICChE) student chapter at SCTCE?

The IICChE student chapter at SCTCE started in May 2017 in the Department of Biotechnology and Biochemical Engineering. It organizes conferences, seminars, and symposiums related to Chemical Engineering, Biotechnology, Biochemical Engineering, and project management.

How many students are registered in the IICChE student chapter?

There are 101 students registered in the IICChE student chapter at SCTCE.

Who coordinates the activities and programs in the IICChE student chapter?

All activities and programs are coordinated by a faculty in the same department, with a student committee from all semesters.

What is Cybots, and what are its aims?

Cybots is the robotics club at SCTCE, formed by students interested in robotics. Its aims are: 1. Provide theoretical and practical experiences in robotics. 2. Support robotics competitions and provide technical support. 3. Guide freshers and foster interest in robotics. 4. Undertake annual projects for hands-on experience. 5. Foster teamwork and leadership qualities among members.

Who is the faculty in-charge for the Cybots club?

The faculty in-charge is Ms. Aparna P R.

What is Meckartans?

Meckartans is a group of automobile enthusiasts who design, analyze, and fabricate go-karts with different specifications and participate in national-level events. They also conduct workshops and seminars on automotive engineering.

Who coordinates the activities in Meckartans?

All activities and programs in Meckartans are coordinated by a faculty member in the same department, with a student committee from all semesters.

What is AMAS, and when was it formed?

AMAS (Artificial Intelligence and Machine Learning Association of Students) was formed in 2022 under the Department of Computer Science at SCTCE. It aims to enhance students' capabilities by

providing opportunities and guidance. The dedicated faculty members are Dr. Subu Surendran and Dr. Sonia B.

What was the first program organized by AMAS?

The first program was "Alverse," a workshop on the introduction and demonstration of MediaPipe, a machine learning framework by Google, conducted in association with Advent.

What are some other events organized by AMAS?

Events include "Introduction to Hugging Face Library" by Rohith Francis (14 participants) and "Alverse - Introduction to MediaPipe" by Abhijith Udayakumar (104 participants).

Who was selected as the secretary of AMAS?

Bhagath SS was selected as the secretary of AMAS.

What contributions has AMAS made to SCTCE's technical and cultural events?

AMAS has contributed significantly to the technical and cultural events conducted under SCTCE's techno-cultural fest 'Cult A Way.'

How quickly has AMAS progressed since its formation?

Within a short span of time, AMAS has made significant progress, excelling in both academic and co-curricular activities.

What is the role of the Central Computing Facility (CCF) in the college?

The Central Computing Facility (CCF) acts as the nodal center for all networking-related issues of the college. It is connected to various departments through a fiber optic network and serves as an approved facilitation center by the Government of Kerala for online registration for CEE candidates. The facility is also used for conducting online tests by external agencies such as RRB, VSSC, and the Postal Department.

What are the main computing resources available at CCF?

CCF has 49 Dell Optiplex 5050MT desktop computers with Intel Core I5-7700 Processor, 1TB SATA HDD, and 8 GB RAM. The computers support dual boot with both Windows and Linux OS. It also has a Dell PowerEdge T430 server with Windows 2012 R2 as the domain controller and five HP Blade servers used for campus automation.

What are the working hours of the Central Computing Facility?

The CCF is open from 9:30 AM to 7:00 PM and caters to the needs of students from all branches.

What is the purpose of the Central Library?

The purpose of the Central Library is to facilitate the creation of new knowledge through the acquisition, organization, and dissemination of knowledge resources, while providing value added services to students and faculty.

How many books and journals are available in the Central Library?

The Central Library has more than 32,000 books and 66 national and international journals/magazines.

What types of resources are available in the Digital Library?

The Digital Library contains digital documents such as E-books, E-journals, Technical Reports, and Project Reports. It also provides access to various e-journal packages like IEL online (IEE), Elsevier's Science Direct, ASME, Springer, DELNET, and NDL membership.

How can students access the library's e-resources?

Students can access e-resources through the campus Wi-Fi network on all computers, Wi-Fi enabled laptops, and cell phones. DELNET can also be accessed remotely by authorized users.

What is the annual budget for procuring information sources for the library?

Around 250,000 INR is spent each year on procuring various kinds of information sources for the library.

Does the library have materials for competitive exam preparation?

Yes, the library stocks books for competitive exams like Civil Services, GATE, NDA, CDS, CAT, etc., in the Proficiency Corner of the library.

How are the library operations managed?

Library operations are fully automated with the Library Management Software LIBSOFT. Books are arranged on open-access shelves for easy search and retrieval, and they are classified according to the Dewey Decimal Classification (DDC) system.

What is the role of the Library Council?

The Library Council is a nominated body responsible for evolving policies and services to improve library services. It plays an important role in the smooth functioning of the library.

What are some important services offered by the library?

The important services offered by the library include: - D Space Digital Repository - Repographic Facility - User Education Programme - SDI (Selective Dissemination of Information) - CAS (Current Awareness Services) - OPAC (Online Public Access Catalogue) - Digital Library - E-journals/E-books - Printed Journals/Newspapers - Previous Question Papers - Proficiency Corner

Who are the executives of the NDL Club?

executives of the NDL Club are: - Club Patron: Dr. V Syam Prakash, Principal - Club President: Dr. Abhilash S.S, Convener, Library Committee - Club Secretary: Smt. Priyanka S, Librarian Gr. II - Executive Member: Sri. Runny Bai S, Librarian Gr. III

What is the role of the Sports Committee at the institution?

The Sports Committee coordinates all sports activities in the college. It is headed by the Principal, and the convenor is a faculty member nominated by the Principal each academic year. The committee members are also nominated by the Principal, including faculty and supporting staff.

Who is the current convenor of the Sports Committee?

The current convenor of the Sports Committee is Dr. Arun M, Assistant Professor in the Department of Mechanical Engineering.

Who are the members of the Library Team?

The members of the Library Team are: Smt. Rekha R, Librarian Grade III Smt. Priyanka S, Librarian Grade II Smt. Renimol S S, Librarian Grade III Sri. Runny Bai S, Librarian Grade III Sri. Renju Kumar, Office Attendant Sri. Vipin Raj P K, Office Attendant

What is the composition of the Sports Council at the college?

The Sports Council at the college is composed of: Convenor: The faculty in charge of sports activities. Two elected members from the staff. Sports Secretary of the college. Two student members.

What are the sports facilities available at the college?

The college provides the following sports facilities: Basketball court Badminton court Volleyball court Nets for cricket practice Practice facility for handball Students can also practice in nearby turfs when required.

Who is the Physical Education Officer at the college and what is his specialization?

The Physical Education Officer at the college is Mr. Sanclin Nelson, who specializes in basketball. He is appointed on a contract basis by the PTA.

What is the role of Mr. Athul S. S. Nair in the college's sports activities?

Mr. Athul S. S. Nair is the current coach for the handball team during championship seasons.

What sports achievements did the college sports teams achieve in the 2022-23 academic year?

The college's sports teams achieved the following in the 2022-23 academic year: Handball: Runner-up in KTU A-Zone and qualified for KTU Inter-zone. Football: 3rd place in KTU A-Zone and champions of the TKM Intercollegiate Tournament. Basketball: 2nd Runner-up in KTU A-Zone and champions of the Intercollegiate Tournament at Mohandas College of Engineering. Cricket: First Runner-up in KTU A-Zone and qualified for KTU Inter-zone. Kho-Kho: 3rd place in KTU A-Zone Championship. Athletics: 26 athletes participated in the KTU Athletic Meet; Mr. Nithin S from the 4th semester secured a bronze medal in Discus Throw Men. Volleyball: Women's volleyball team participated in KTU Inter-zone at TKM College of Engineering. Kabaddi: The men's Kabaddi team participated in KTU A-Zone, with three players selected for the Inter-zone. Badminton: The women's badminton team secured 4th position in KTU A-Zone, and two players were selected for the KTU Inter-zone Championship.

Who led the Handball team and Football team in the 2022-23 sports season?

The Handball team was led by Mr. Govind K (Captain) and Abhishek H (Vice-Captain). The Football team was led by Mr. Akash P (Captain).

What is the Additional Skill Acquisition Programme (ASAP)?

The Additional Skill Acquisition Programme (ASAP) Kerala is a Section-8 Company under the Department of Higher Education, Government of Kerala. It focuses on skilling, upskilling, and reskilling students and the general community to enhance employability. ASAP Kerala was instituted in 2012 and transitioned into a company in 2021.

Who are the key personnel associated with the ASAP programme in the college?

The key personnel associated with ASAP in the college are: Nodal Officer: Dr. Shyji S, Associate Professor in Mechanical Engineering (Mobile: 9447310825, Email: shyjis@sctce.ac.in) Technical Staff: Suresh LB, Trade Instructor (Mobile: 9562915120, Email: [sureshcherukara@yahoo.com](mailto:sureshcherukara@yahoo.com))

What is the Skill Delivery Platform of Kerala (SDPK)?

The Skill Delivery Platform of Kerala (SDPK) is a project that connects various engineering colleges in Kerala with IT parks through a Tele-presence network. It provides a technology enabled learning platform that enables the remote delivery of high-quality skills training and industry-specific programs. The project links 150 Hi-Tech classrooms in engineering colleges across the state to deliver skills training to a large number of students annually.

What are the objectives of the Skill Delivery Platform of Kerala (SDPK)?

The main objectives of SDPK are: - To provide a state-of-the-art technology-enabled learning platform for remote delivery of high quality skills programs and industry training. - To deploy a learning platform connecting Hi-Tech classrooms in engineering colleges throughout the state. - To implement an effective e-learning solution with collaboration features for distributed environments. - To deliver formal skills programs through minor degrees, certification programs, expert lectures, etc., to enhance learning opportunities and employability of students.

How does the Hostel Committee function in the college?

The Hostel Committee in the college invites quotations from various hostels within 7 km of the campus each year. They visit the hostels to verify the facilities and cleanliness, and then publish a list of approved hostels on the college notice board.

What are the details of the Boys Hostel options available ?

The suggested list of Boys Hostels for 2023 is as follows: Akshaya Hostel Owner: Smt. Bindhu Contact: 8129795560 Address: Near SBI, Pappanamcode & Kuttikadu Lane, Opposite Dental Clinic Distance: 200 m Achus Hostel Owner: Smt. Suha G S Contact: 8136954246, 9495697518 Address: Susha Bhavan, Palace Road, Pappanamcode (Opp. KSRTC Central Works) Distance: 300 m Sreedeeepam Boys Hostel Owner: Sri. Sreeju Contact: 9446186940, 9446684604 Address: Kairali Garden, Viswambharan Road, Pappanamcode Distance: 450 m Blossom Hostel Owner: Smt. P Santhamma Contact: 8891361798 Address: Nandanam, Opposite Anathapuri School, Viswambaran Road, Pappanamcode Distance: 750 m Vipas Hostel Owner: Sri. Santhosh Kumar Contact: 9447244188 Address: Kairali Garden, Viswambharan Road, Pappanamcode Distance: 1 Km Atham Boys Hostel Owner: Sri. Nagarajan Contact: 8848726001 Address: SivaLalitham, TC 52/3245 Viswambaran Road, Pappanamcode Distance: 1.1 Km Niaz Hostel Owner: Sri. M K Nazar Contact: 9447321328, 8848096564 Address: Niyas Building, Karakkamandapam, Nemom P O Distance: 1.6 Km

What are the details of the Girls Hostel options available?

The suggested list of Girls Hostels for 2023 is as follows: Chinnus Hostel Owner: Smt. Usha Rajkumar Contact: 9496260318, 0471-2495513, 9446795513 Address: Chirakkara Palace Lane, Opposite KSRTC Central Work, Pappanamcode Distance: 250 m Athukshay Girls Hostel Owner: Smt. Bindhu Contact: 8129795560 Address: V S Appartment, Chirakkara Lane, Kaimanam Distance: 450 m Deepa Prabha Ladies Hostel Owner: Smt. Linsa Contact: 9633391299, 9995460253 Address: Deepa Prabha, Opposite Aster Lab, Near Whitedammar, NH Road Side, Pappanamcode Distance: 500 m Sai Hostel Owner: Smt. Sreeja S S Contact: 9497853750, 9645370579 Address: TC 51/1965, Parthipuri, Pappanamcode, Opposite Cavalier India Coaching Centre Distance: 550 m Sudarsanam Ladies Hostel Owner: Smt. Suja Rani Contact: 9846724455, 6238331992 Address: Vivek Nagar, NSS Karayogam Road, Kaimanam Distance: 800 m Reyaash Home Stay Owner: Smt. Sharmila S Contact: 9037666515, 8089402500 Address: TC 52/539, MRA-B 9, Mangalassery Lane, Opposite Govt. Polytechnic, Kaimanam Distance: 1 km Ammus Hostel Owner: Smt. Neelambika Contact: 9020973188 Address: TC

53/2439(1), Opposite CSIR NIIST, Industrial Estate P.O, Pappanamcode Distance: 1.5 km Aashiyana Hostel Owner: Smt. Reetha Contact: 9447229223 Address: Karakkamandapam junction, Nemom Distance: 1.5 km Aashiyana Hostel Annexure Owner: Smt. Hiranmayi Contact: 8137872437 Address: Karakkamandapam, Nemom Distance: 1.6 km

What is the Entrepreneurship Development Cell (EDC) at SCT College of Engineering?

The Entrepreneurship Development Cell (EDC) at SCT College of Engineering aims to nurture student entrepreneurs by providing an array of business support resources and services. The cell helps accelerate the successful development of entrepreneurial companies and creates awareness about entrepreneurship as an alternative career option among faculty. It also collaborates with Technology Business Incubation Centers (TBI) supported by the Department of Science & Technology (DST) to provide business assistance to young firms at their early stages. The Government of Kerala has set aside 1% of the budget to promote entrepreneurship among students and offers attendance relaxation and grace marks to student entrepreneurs.

What is the purpose of the Parent Teacher Association (PTA) at the college?

The Parent Teacher Association (PTA) is formed to maintain effective interaction between parents and teachers and to provide assistance for improving the facilities in the college for a better learning experience.

What are some of the programs initiated by the PTA for the benefit of students and faculty members?

Financial support for encouraging student participation in sports and cultural events. - Construction of a basketball court. - Financial support for technical and cultural fest "Cult-a-way". - Full support for centralizing the attendance tabulation under the Attendance Monitoring Cell. - Support for purchasing accessories/components/consumables for practical labs. - Funding for extending CCF timing from 4:30 PM to 7:00 PM for the benefit of students. - Financial support for purchasing books for reference libraries in all departments. - Procurement of tutorial DVDs from NPTEL Madras for use by students and teachers. - Instituting cash awards for toppers among the passing out students in each branch. - Providing support for outstanding final-year student projects. - Giving proficiency prizes to the First Year BTech Degree Examination Topper in each branch. - Assistance for training programs for students. - Operating a stationery store for students selling articles at reduced rates. - Financing the operation and maintenance of a college bus. - Providing funds for improving student amenities. - Support for emergency expenses associated with exams, recruitment, and classes.

Who are the office bearers of the PTA?

President: Dr. C. Sathish Kumar (Principal) Contact: 9447637773 - Vice President: Smt. Laila F Contact: 9846889518 - Joint Secretary: Sri. K. Pushapakumaran Contact: 8075279206 - Secretary: Dr. Bobby Philip (Teacher) Contact: 9495741482 - Treasurer: Dr. Shimi Lawrence Contact: 9495627711

Who are the members of the PTA Executive Committee?

Sri. Ajaykumar. VR Contact: 9447344208 - Sri. Jayakumar PR Contact: 9496152665 - Sri. Venugopal Contact: 9447341251 - Sri. Shibu S Contact: 9539030780 - Adv. Anil Kumar Contact: 9446585585 - Smt. Prasanna GL Contact: 8848069140 - Dr. S.H. Anil Kumar Contact: 9447340870 - Dr. Anoop Kumar S Contact: 9447553730 - Dr. Soniya B Contact: 9447202200 - Dr. Anitha CS Contact: 9447373700 - Dr. K.B. Radhakrishnan Contact: 9447205767 - Dr. K. Nisha Jose Contact: 9446149873

Who are the staff members of the PTA office?



Smt. Bindu G.S (Clerk) - Smt. Sudha P (Store Assistant) - Smt. Sasikala R (Cleaning Staff) - Smt. Shameena (Cleaning Staff) - Smt. Shailaja V Nair (PT Sweeper) - Smt. Lekha O (PT Sweeper) - Smt. Sindhu V (PT Sweeper) - Sri. Aneesh Chandran (Bus Attender) What is the vision of Sree Chitra Thirunal College? The vision of Sree Chitra Thirunal College is to become an engineering and technology institution renowned for producing professionally capable and socially responsible engineers.

What is the mission of Sree Chitra Thirunal College?

The mission of Sree Chitra Thirunal College is to create a learning process for students to acquire engineering fundamentals, in an environment that encourages analysis, teamwork, entrepreneurship, and ethical values, thus preparing them for productive careers.

What is the governance structure of Sree Chitra Thirunal College?

The governance structure is managed by the Board of Governors. Sree Chitra Thirunal College of Engineering (SCTCE), Thiruvananthapuram, was established by the Government of Kerala to commemorate Sree Padmanbhadasa Sree Chithira Thirunal Balarama Varma, the Great Maharaja of Travancore.

What is the history of Sree Chitra Thirunal College's establishment and management?

The institution was initiated by the Kerala State Road Transport Corporation (KSRTC) in 1995. In 1997, the ownership and management were taken over by a society (KSRTC-SCTCE, Thiruvananthapuram society) under the Travancore-Cochin Literary, Scientific, and Charitable Societies Act XII of 1955. As a result, the management is now vested with a Board of Governors.

What is the composition of the Board of Governors of Sree Chitra Thirunal College?

The Board of Governors consists of the following members: - Honourable Minister for Transport, Govt. of Kerala (Chairman) - Secretary, Transport Department, Govt. of Kerala (Vice-Chairman) - Secretary to Govt., Finance Department - Secretary to Govt., Higher Education Department - Chairman & Managing Director, KSRTC - Financial Advisor & Chief Accounts Officer, KSRTC, TVM - Director of Technical Education, Govt. of Kerala - AICTE Regional Officer - Eminent Educationalist (1), nominated by the Chairman - Eminent Educationalist (2), nominated by the Chairman - Principal, SCT College of Engineering (Member Secretary)

What are the powers of the Board of Governors?

To prepare and execute plans and programs related to the administration and management of the college.- To receive and manage funds as grants and contributions and to oversee the college's properties.- To prepare the budget estimates of the society and sanction expenditure within the budget limits.- To arrange for the annual audit of the accounts by a Chartered Accountant.- To prescribe and conduct courses in engineering and technology, advancing learning and knowledge dissemination.- To set rules and regulations for examinations, declare results, and award prizes (except university degrees).- To institute and award Fellowships, Scholarships, Prizes, and Medals.- To provide for and supervise residence, health, discipline, and overall student well-being.- To create and appoint staff for various positions, regulating recruitment, control, and service conditions.- To cooperate with other organizations in education and training in engineering and technology.- To enter into agreements on behalf of the college.- To initiate or defend legal proceedings for the college.- To appoint committees for business disposal or advice on college matters.- To delegate powers to officers or committees as necessary.- To consider and pass resolutions on the Annual

Report, Accounts, and Financial Estimates.- To make, amend, or rescind bye-laws for managing the society/college and its objectives.- To borrow or raise money for the society's purposes.- To perform functions and duties assigned by the State/Central Government. How often does the Board meet, and

what is the quorum for meetings?

The Board of Governors typically meets once every three months. However, the chairman can call a meeting whenever necessary, or it can be requisitioned by at least four members. The quorum for any meeting is four members, including the chairman.

What is the voting procedure during Board meetings?

Each member, including the chairman, has one vote. In case of a tie, the chairman has a casting vote. In case of disagreements, the majority opinion prevails. How are resolutions adopted in the Board? Resolutions can be adopted during meetings or by circulating them among all members. A resolution circulated and approved by a majority of members, with at least four members expressing approval, is as effective and binding as one passed in a meeting.

What powers does the Chairman have?

The Chairman exercises the powers delegated to him by the Board of Governors.

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- Secretary to Govt., Finance Department
- Secretary to Govt., Higher Education Department
- Chairman & Managing Director, KSRTC
- Financial Advisor & Chief Accounts Officer, KSRTC, TVM
- Director of Technical Education, Govt. of Kerala
- AICTE Regional Officer
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- To institute and award Fellowships, Scholarships, Prizes, and Medals.
- To provide for and supervise residence, health, discipline, and overall student well-being.
- To create and appoint staff for various positions, regulating recruitment, control, and service conditions.
- To cooperate with other organizations in education and training in engineering and technology.
- To enter into agreements on behalf of the college.
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What powers does the Chairman have?

The Chairman exercises the powers delegated to him by the Board of Governors.

How is the Principal of the college appointed, and what are their responsibilities?

The Principal is appointed by the Board of Governors.

The Principal serves as the Chief Academic and Executive Officer of the college, responsible for the administration, instruction, and discipline within the college.

The Principal oversees all college staff, who report to him.

The Principal is the custodian of the college's records, funds, and other properties as assigned by the Board.

What additional powers and duties does the Principal have?

The Principal has additional powers and duties delegated or assigned by the Board of Governors.

The Principal can delegate powers to subordinates with the Board's approval.

The Principal acts as the Secretary of the Society, the Board, and any other committees decided by the Society or the Board.

What happens if the position of Principal is vacant or the Principal is unable to perform duties?

If the Principal's position is vacant or the Principal is absent or unable to perform duties, the Board of Governors may direct any Officer in the service of the Society to temporarily perform the Principal's duties as deemed appropriate.

Who manages the general administration of the college?

The general administration of the college is managed by the Principal, under the control of the Board of Governors.

College staff members participate in administrative and academic work as per the Principal's supervision and direction.

What is the role of the Works Committee?

The Works Committee is responsible for sanctioning works related to the college.

Works with an estimate between ₹1 lakh and ₹10 lakh can be sanctioned by the Principal with the approval of the Works Committee.

Works above ₹10 lakh are scrutinized by the Works Committee and then placed before the Board of Governors.

The Principal has been delegated financial powers of up to ₹5 lakh for executing works with the approval of the internal college-level works committee. Works beyond this amount are placed before the Purchase Committee, as per the Board of Governors' decisions.

What is the composition of the External Works Committee of SCTCE?

The External Works Committee of SCTCE is reconstituted with the following members: Executive Director (Technical), KSRTC; Additional Secretary, Finance Department or Nominee; Board Member; Board Member; Dean (Infrastructure), SCTCE; Chief Engineer (Civil), KSRTC; Executive Engineer, Kerala PWD (Buildings), Thiruvananthapuram; Principal, SCTCE.

What is the role of the Finance Sub-Committee and who are its members? The

Finance Sub-Committee has the authority to propose suggestions on financial matters, including the annual budget, which are presented to the Board of Governors (BoG). The members are: Joint Secretary, Finance Department, Kerala State; FA & CAO of KSRTC; Board Member; Board Member; Principal, SCTCE; Administrative Officer, SCTCE.

What is the purpose and structure of the Legal Affairs Sub-Committee (LASC)?

The purpose of LASC is to handle the court cases involving the college. It does not have decision-making authority, and all recommendations are submitted to the BoG. The members are: Joint Secretary, Higher Education Department, Kerala State; FA & CAO of KSRTC; Board Member; Board Member; Principal, SCTCE; Administrative Officer, SCTCE.

What is the role of the Departmental Promotion Committee (DPC) in SCTCE? The

Departmental Promotion Committee (DPC) is responsible for recommending regular placements to higher grades and promotions under the Career Advancement Scheme for teaching and non-teaching staff. The DPC's recommendations are approved by the Board.

What is the function of the College Academic Council?

The College Academic Council supports the Principal in the administration of the college. It considers matters related to accommodation, courses of instruction, and rules of discipline referred by the Principal. Members include: Principal (Chairman), all HODs, Deans, faculty representatives, discipline committee staff, and invited members like PTA.

How are the service rules, procedures, recruitment, and promotional policies formulated at SCTCE?

These are formulated by the BoG in compliance with AICTE, UGC, Kerala State, and Subordinate Service Rules (KS&SSR)/ Kerala Service Rules (KSR) norms. Recruitment and promotion processes are transparent, with information shared via emails, notice boards, and meetings. Amendments are displayed on the institution's website.

How is decentralization implemented at SCTCE in terms of administration and academic sectors?

SCTCE follows decentralization for effective functioning. The Principal oversees the administration, with the Administrative Officer as the controlling officer. Work distribution is organized for efficient implementation.

What responsibilities does the Administration Section (A1) handle at SCTCE?

The Administration Section (A1) handles EPF and ESI for staff, income tax calculation, salary bill

preparation, travelling bills, service book maintenance, issuance of salary certificates, admission-related work, OP files, and tasks assigned by superiors.

What tasks does the Administration Section (A2) oversee at SCTCE?

The Administration Section (A2) is responsible for RTI queries, plan fund management, staff establishment matters, deputation, training, AICTE-related work, attendance/admission registers, canteen/security guard management, experience certificates, and more.

What duties are covered by the Administration Section (A3) at SCTCE?

Administration Section (A3) handles student matters (e-grantz), SC/ST student cheque disbursement, sessional marks, scholarships, student affairs, transfer/course certificates, railway concessions, hostel/NSS-related tasks, and more.

What tasks are handled by the Apprenticeship Trainee in the Administration Section?

The Apprenticeship Trainee handles receipt/distribution of correspondence (tapals), dispatch, service stamp purchase/maintenance, and maintaining the stamp account.

What responsibilities does the Accounts Section (Ac1) have at SCTCE?

Accounts Section (Ac1) manages cash book/ledger preparation, bank transactions, TALLY entries, income tax, audit tasks, refundable deposits, EMD register, fee collection, TDS filing, TEQIP-related files, and more.

What duties are covered by the Accounts Section (Ac2) at SCTCE?

Accounts Section (Ac2) covers caution deposits, fee collection/remittance, refunds, educational loans, cheque issues, petty cash, advance registers, stationery purchases (₹3000), vehicle repair/maintenance, vehicle insurance, library book/journal purchase, AMC for machinery/computers, printing quotations, guest faculty salaries, and more.

What are the responsibilities of the Civil Engineer in the Works Department?

The Civil Engineer in the Works Department manages all matters related to civil works and maintenance.

What is the structure of academic decentralization at SCTCE?

Academic decentralization at SCTCE involves the Principal being assisted by four Deans: Dean (Research & PG), Dean (Academic), Dean (Students' Affairs), and Dean (Planning & Development).

What are the responsibilities of the Dean (Research & PG) at SCTCE?

Coordinating and monitoring all academic matters of Research & PG students in consultation with the Principal.

Overseeing the Research & PG admission process and coordinating all activities related to M. Tech admission.

Coordinating academic activities of the PG program.

Conducting internal examinations for the PG program.

Organizing and conducting meetings for various PG committees related to university examinations, student affairs, etc.

Providing counseling, mentoring, and guidance to PG students during their study period.

What are the responsibilities of the Dean (Academic) at SCTCE?

Responsible for the all-round academic development of the institute in consultation with the Principal.

Overall, in-charge of the following committees: Library Council, Consultancy Projects, Professional Societies, Examination Committee, Continuing Education Cell, Attendance Monitoring.

Overseeing students' concessions and scholarships, issuance of certificates (course, conduct, transfer), and university-related matters.

Managing academic evaluations, academic calendars, timetables, staff workload, and proposals to funding agencies.

What are the responsibilities of the Dean (Students' Affairs) at SCTCE?

Handles all student-related matters except academic ones.

Overall in-charge of the following committees: College Union and Student activities (Arts, Tech, and Sports), Anti-Ragging Monitoring Committee, PTA, ALUMNI Association, NSS unit, Hostel Committee, College Magazine, Students' Grievance Redressal Cell, Discipline Committee, Women's Forum, Canteen Committee, Transportation.

Responsible for strengthening the Advisory System, students' registration for higher semesters, organizing student tours, and monitoring discipline on campus.

What are the responsibilities of the Dean (Planning & Development) at SCTCE?

Responsible for the creation and maintenance of infrastructure.

Overall in-charge of committees related to Building & Civil Maintenance, Infrastructure Development, Electrical Installation, A/C and Plumbing Maintenance, Computer Services, Internal Purchase, and Housekeeping.

Ensures proper functioning and implementation of action plans in consultation with the Principal.

Participates in meetings of these committees to ensure activities align with college policies.

What are the responsibilities of the Head of Department (HOD) at SCTCE?

Participation in policy planning at the Institute level.

Providing academic and administrative leadership to faculty, supporting staff, and students.

Assigning responsibilities for laboratories and other departmental tasks to faculty and supporting staff.

Monitoring teaching and student-related activities.

Promoting research and publication of technical papers, initiating purchases for labs, and conducting departmental meetings.

Encouraging consultancy, research activities, and industry-student interaction.

What are the authorities of the Head of Department (HOD) at SCTCE?

Recommending leave for faculty and supporting staff.

Assigning responsibilities for various functions at the departmental level.

Preparing the Annual Performance Appraisal for faculty and supporting staff.

Monitoring the implementation of teaching plans.

Presiding over departmental meetings.

What is the role of the Advisory Board (CAB) at SCTCE?

Setting benchmarks for all academic and research activities of the college.

Advising on teaching-learning processes, research, and consultancy activities.

Monitoring progress in teaching, research, and consultancy and suggesting remedial measures.

Acting as a catalyst in networking with premier institutes of national and international stature.

What are the responsibilities of the Internal Quality Assurance Cell (IQAC) at SCTCE?

Preparing the academic calendar for all programs.

Supervising and guiding activities of departmental committees.

Acting as a mentoring body for departmental committees.

Reviewing the mission and vision of the institution and departments.

Planning development, delivery, and assessment tools for POs at the institutional level.

Obtaining and presenting results of internal analyses of student performance to the CAB for improvements or corrective actions.

What is the composition and function of the Class and Course Committees at SCTCE?

Class Committee: Consists of a senior faculty member (Chairman), the faculty advisor, all faculty handling courses for the class, and two student representatives (high academic level and average level).

Course Committee: For common courses, constituted by the Principal, includes a senior faculty member as chairman, faculty handling the course, and four student representatives from various classes. Functions: Monitoring conduct, course adherence, syllabus completion, and reviewing standards of evaluation.

What are the functions of committees at SCTCE?

the conduct of courses, adherence to course plans, and time schedules.

completion of syllabus and standards of internal tests and evaluations.

student difficulties and taking remedial actions as needed.

course conduct at the end of the semester and finalizing internal assessment marks. Conducting meetings according to guidelines to ensure adherence to institutional policies.

Monitoring

Ensuring

Addressing

Reviewing

What is the role of the Internal Audit Committee (IAC) at SCTCE?

The Internal Audit Committee (IAC) consists of faculty members with representation from each department, coordinated by a senior faculty member. The committee functions by: Conducting internal academic audits twice per semester. Producing relevant documents and records for the external auditor. Uploading monthly and annual reports, and providing data to the external auditor. Responding to comments from the external auditor based on their online report. The IAC verifies the following documents: Class and Faculty Time Tables Students Roll and Batch Lists (for practical courses, projects, and electives) Minutes of course/class committees Course Diaries, Course Files, and Tutorial Log Books Equipment Log Registers in laboratories Attendance and internal test marks Seminar and project progress reports Register of internal evaluation marks and student activities (for B.Tech) Records for remedial/bridge/language lab classes Discipline, academic, and student welfare committee minutes Semester grades and result analysis HOD file

What is the responsibility of the Building and Civil Committee at SCTCE?

The Building and Civil Committee is responsible for supervising and monitoring all construction works at the institute, scrutinizing designs, preparing estimates for construction and maintenance, recommending expenditure sanctions, and meeting to oversee construction activities.

What is the role of the Electrical Installation & Maintenance Committee at SCTCE?

The Electrical Installation & Maintenance Committee oversees the operation and maintenance of electrical installations, provides technical support for installations, implements energy conservation measures, monitors electricity consumption, and ensures safe operation of electrical installations. They also collaborate with KSEB for energy audits and interact with statutory authorities like the Electrical Inspectorate. Faculty in charge: Dr. Boby Philip (under Indian electricity rules).

What are the responsibilities of the Plumbing Maintenance and Water Supply Committee at SCTCE?

The Plumbing Maintenance and Water Supply Committee is responsible for the regular maintenance of plumbing works within the campus, ensuring continuous water supply, servicing water coolers, and purchasing consumables for plumbing maintenance. This committee is staffed by designated members for the maintenance of plumbing and water supply activities.

What are the functions of the Career Guidance and Placement Unit (CGPU) at SCTCE?

The Career Guidance and Placement Unit (CGPU) at SCTCE functions as a voluntary service to prepare students for industry requirements. Its functions include: providing career orientation and guidance through workshops and training programs, offering awareness about higher education



entrance exams like GATE, GRE, GMAT, etc., arranging soft skill training in areas like personality development, communication, motivation, and interview preparation, offering aptitude training and company-specific training programs to help students crack tests, inviting companies for recruitment and placement through campus hiring, and collecting feedback from industries about students' performance to ensure they are industry-ready.

What training programs are conducted by the CGPU at SCTCE?

The CGPU conducts the following training programs: Induction and Orientation Program (for first-year students covering school-to-college transition, engineering academics, career opportunities, communication skills, motivation, and personal grooming), Career Counselling Program (for pre-final year students, providing guidance on career paths, goal setting, and competitive exam preparation for higher education), Soft Skill Training Program (covering resume preparation, interview skills, group discussions, and video synthesis, with training by professionals including Mahindra Pride School), Aptitude Training Program (covering quantitative, analytical, logical, and verbal aptitude, with mock recruitment sessions), and Value Added Programs (such as Campus Connect Foundation Program and Altair certification in hypermesh to bridge the gap between industry and academia).

What is the role of the Industry Institute Partnership Cell (IIPC) at SCTCE?

The Industry Institute Partnership Cell (IIPC) at SCTCE serves to align the program educational objectives with industry requirements. Its objectives include ensuring that students are equipped to cope with technological advancements, updating infrastructure and facilities to enhance knowledge and meet industry growth needs, providing industrial exposure through visits, joint projects, internships, and webinars, and facilitating collaborative research and development (R&D) and consultancy.

What activities are conducted by the Industry Institute Partnership Cell (IIPC) at SCTCE?

The IIPC conducts the following activities: Curriculum Development (collaborating with industry experts to update the curriculum, identify gaps, and propose necessary changes for the university syllabus), Industry Exposure (facilitating industrial visits, joint projects, and internships to expose students to real-world scenarios), and Collaborative R&D and Consultancy (promoting research and consultancy partnerships with the industry to bridge the gap between academia and industry)

What is the purpose of guest lectures organized by the college?

Guest lectures by eminent personalities and industry experts are organized to update students' knowledge. At least two lectures are conducted in each subject, and the activity is monitored at the departmental level.

What activities are organized by the Industry Institute Partnership Cell (IIPC)?

1. Industry study tours, visits to technical expos, technical museums, and industrial training programs for students.
2. Faculty exchange programs with industry professionals and deputation of faculty to industry for experience.
3. Industry collaborations such as MoUs for consultancy, training courses, and research activities.
4. Student projects with industries, internships, and industrial training for pre-final-year students.
5. Personality development workshops on communication and soft skills.
6. Technical festivals, design competitions, quizzes, and contests.
7. In-house training programs for industry-requested topics.
8. Social responsibility initiatives like skill development programs in association with the Continuing Education Cell.

What are the functions of the AC Maintenance Committee?

The committee is responsible for installation, testing, commissioning, operation, and maintenance of all air conditioners in the college.

What does the Transportation Committee do?

1. Arranges transportation for students and staff, including buses for educational tours, sports competitions, and departmental purposes. 2. Ensures vehicle safety norms and handles transportation fees and schedules. 3. Verifies vehicle documents, conducts periodic maintenance, and manages repairs. 4. Checks logbooks maintained by drivers.

What is the role of the Library Council in the college?

1. Ensures the effective functioning of the library by providing recent books, journals, and research materials. 2. Maintains a digital library and resources for competitive exams. 3. Ensures stock verification and renews annual library automation software contracts. 4. Offers services like book lending, reference sections, book bank facilities, journal indexing, internet browsing, and digital access. 5. Frames library rules and conducts disciplinary actions for library usage

What are the library lending rules for students and staff?

1. Borrower's cards are issued to students upon admission, allowing them to borrow up to five books for 15 days, with a fine of Rs. 1.00 per day for late returns. 2. Students can borrow six books from the book bank facility without fines. 3. Students must return books and obtain a no dues certificate each semester. 4. Staff can borrow six books without fines. 5. Students must maintain silence and discipline in the library.

What are the functions of the Research & Consultancy Projects Committee?

1. Acts as an advisory body to streamline research and consultancy activities. 2. Promotes quality research, faculty consultancy, and research education. 3. Advises the academic council on research policies and monitors research activities. 4. Formulates guidelines for research projects, final-year projects, and patentable work. 5. Recommends research grants and reviews research proposals.

What is the role of the Professional Societies Monitoring Committee? The committee coordinates the activities of the student branches of professional bodies in the college, ensuring their effective functioning.

What is the objective of the College Union & Students' Activities Committee?

The committee aims to promote and monitor extracurricular activities on campus. The convenor of the committee serves as the staff advisor and is the representative to the elected students' senate.

What is the role of the Canteen Committee?

The Canteen Committee ensures the availability of nutritious and hygienic food in the campus canteen. It regularly invites quotations from contractors, selects one based on price and food safety, and monitors food quality, pricing, and meal plans. The committee also ensures cleanliness and safety in the kitchen, the provision of safe drinking water, and regular maintenance of kitchen appliances.

What are the responsibilities of the Canteen Committee?

The committee is responsible for: ensuring the canteen serves healthy and hygienic food, organizing meetings to improve canteen functioning, maintaining kitchen utensils and electrical appliances, ensuring adequate safe drinking water and maintaining water coolers, and collecting regular feedback and considering suggestions for improvement.

What is the NSS Unit at SCTCE?

The NSS Unit at SCTCE is a volunteer-driven initiative under the Ministry of Youth Affairs & Sports with more than 200 volunteers. It undertakes various community services and activities in

collaboration with government departments and agencies. The unit has two units (Unit no: 225 & 527) and is one of the most active NSS units in Kerala.

What are the major community activities undertaken by the NSS Unit?

Some of the major activities include: 'KATHIR' (paddy cultivation), 'NEYES' (skill development & entrepreneurship training), 'AMRUTAKERALAM' (campus cleaning and tree plantation), Red Ribbon Club for blood donation, 'BHOOMIKORU KOOTTU' (canal and pond cleaning), 'HOME FOR HOMELESS' (providing shelter to underprivileged communities), 'PUNARJJANI' (repairing and cleaning hospital equipment), Waste Management, and awareness programs on organ donation, alcohol abuse, etc.

What awards has the NSS Unit received?

The NSS Unit has received several awards, including: Best Unit, Best Programme Officer, and Best Volunteer awards from the Directorate of Technical Education, Govt. of Kerala; State Level Best Volunteer award; National Young Leaders Program Award from the Ministry of Youth Affairs and Sports; Awards for 'Best Journal' during the 'Map My Home' survey; Multiple prizes and cash awards in state-level programs; Continuous appreciation awards from the NSS Technical Cell, Govt. of Kerala.

What is the ultimate aim of the NSS Unit's activities?

The ultimate aim is personality development through community service, with an emphasis on helping the underprivileged and contributing to societal welfare. Volunteers receive a certificate from the Government of Kerala and 60 Activity Points from APJ Abdul Kalam Technological University upon successful completion of their volunteership.

What are the roles and responsibilities of the Staff Welfare Committee?

The Staff Welfare Committee supports staff members in times of illness and difficulties, organizes staff tours, resolves disputes, forwards grievances to the board of governors, and manages the staff welfare fund. It also organizes welcome/farewell parties and maintains records of income and expenditure related to staff welfare.

What actions does the Staff Welfare Committee take?

The committee ensures the proper use of the Staff Welfare Fund, maintains meeting minutes, and submits activity reports each semester to the Head of the Institution. It aims to maintain a harmonious campus life for the staff and address any issues related to their welfare.

What is the role and responsibility of the Hostel Committee at SCTCE?

The Hostel Committee is responsible for providing accommodation facilities to students. Before admissions, the committee invites nearby private hostel owners to verify their facilities according to SCTCE norms. They physically inspect and assess the facilities, providing a detailed report with recommendations to the principal. The committee periodically monitors the approved hostels, addressing issues related to mess facilities, health, safety, and security. Students' grievances regarding hostel matters are addressed, and recommendations are forwarded to the college grievance cell.

What is the role and responsibility of the Examination Committee at SCTCE?

The Examination Committee, consisting of a convener and departmental representatives, ensures the smooth functioning of internal and external examinations. It prepares the timetable for internal exams, collects and copies question papers, and organizes invigilation duties. The committee also allocates rooms and distributes hall tickets and answer sheets. It ensures the timely distribution of

question papers and answer sheets, addresses malpractices, and sends completed answer sheets to the university. Additionally, it ensures the availability of required stationery and processes university notifications, circulating them among departments and students as needed.

What is the primary objective of the Centre for Continuing Education (CCE) at SCTCE?

The primary objective of CCE is to provide training programs aimed at improving the skills of both staff and students. It also offers skill development training to other students, ensuring continuous learning and professional growth.

What are the key components of the Additional Skill Acquisition Program (ASAP)?

ASAP, initiated by the Government of Kerala, provides skill development training for students who have dropped out after 10th or 12th grade. The program offers training in areas like Four Wheeler Service Technician and CNC Operator, with 160 hours of intensive training (60 hours theory, 100 hours practical) followed by a 30-day internship in nearby industries.

What areas of skill development does SCTCE focus on for its regular students?

SCTCE is developing a Centre for Excellence in Skill Development, focusing on skill areas such as Blockchain Technology, Artificial Intelligence, and Cloud Computing, aimed at both regular students and nearby college students.

What is the Kerala Academy for Skill Excellence (KASE) and its role in SCTCE's skill development initiatives?

KASE is a Government of Kerala initiative aimed at skill development. Discussions are ongoing regarding various skill development programs, and SCTCE is actively involved in these initiatives to enhance skill acquisition among students.

What role does Premier Centre for Competency Training (PCFCT) play in SCTCE's skill development programs?

PCFCT, a Chennai-based private agency, has been collaborating with SCTCE under the ASAP initiative since 2014. It has conducted various skill development programs, including training in areas like Four-Wheeler Service Technician, CNC Operator, Auto Electrical Technician, and Soldering and Brazing Technician, with 160 hours of training (60 hours theory, 100 hours practical).

What is the purpose of the College Magazine & Publications Committee at SCTCE?

The College Magazine & Publications Committee, chaired by the Principal, is responsible for overseeing the timely publication of college materials such as the information bulletin, student records, and the college magazine. It ensures proper distribution of these materials and coordinates all related correspondence.

What are the responsibilities of the College Magazine & Publications Committee?

The committee's primary responsibilities include: ensuring the timely publication of the college information bulletin and student records, publishing the student code of conduct and distributing it during admission, coordinating the editing and publishing of the college magazine in collaboration with the student union, overseeing the collection and editing of articles, photographs, and reports related to college activities, recommending a printing press for the magazine and assisting in its publicity, and organizing events like logo launches and magazine release functions.

How does the College Magazine reflect the institution's values and activities?

The college magazine serves as a platform to exhibit the literary and creative skills of both faculty and students. It highlights the educational, cultural, and sports activities of the institution and reflects the values and quality of the college.

What is the role of the student editorial board in the college magazine publication?

The student editorial board, consisting of elected student representatives, works under the guidance of the committee. Its responsibilities include: collecting and selecting articles from students and faculty, developing the magazine's theme and ensuring articles align with it, gathering reports from students, staff, and departments about college activities, and assisting with the publication process, including editing and photography.

How does the committee ensure the quality of the college magazine?

The committee ensures that no objectionable content is published by editing all articles at various levels. It also makes sure that necessary photographs are taken for inclusion in the magazine, covering all significant events at the college.

What is the role of the Disciplinary Actions/Student's Advisory System Committee at SCTCE?

The committee is responsible for implementing the student conduct and disciplinary code, 'Sree Chitra Thirunal College of Engineering Students (Conduct and Disciplinary) Code 2012'. It ensures adherence to the code of conduct and manages disciplinary actions. The committee meets regularly to assess campus situations and conducts emergency meetings when necessary.

How is the Disciplinary Actions/Student's Advisory System Committee structured?

The committee comprises the Principal, nominated permanent staff members, all Heads of Departments (HODs), and Deans as ex-officio members. It includes a convenor and a co convener for administrative and coordination responsibilities.

What is the function of the Attendance Monitoring (Staff and Students) Committee?

The Attendance Monitoring Committee manages the attendance software, ensuring adherence to attendance policies. It maintains and updates the software and hardware, ensuring attendance data is computerized and accessible via an online portal. Monthly absentee reports are displayed on notice boards and sent to staff advisors.

What responsibilities does the AICTE Application, Accreditation & ISO Committee hold?

The committee assesses college facilities against AICTE norms, recommends corrective actions, submits applications for program approvals and new courses, prepares mandatory disclosures, applies for NBA accreditation and ISO certification, and conducts internal and external audits for ISO compliance.

What is the role of the Housekeeping Monitoring Committee at SCTCE?

The committee ensures a clean, safe, and pleasant college environment by overseeing activities like sweeping, disinfecting, dusting, cleaning common areas, sanitizing toilets, preventing slipperiness during the rainy season, and replacing broken items as needed.

What is the purpose of the Women's Forum at SCTCE?

The Women's Forum addresses issues faced by female students and staff, supports their empowerment, and encourages participation in technical and non-technical events. It organizes

seminars, technical talks, and events to provide exposure to new technologies and inspiring women from various fields.

How does the Women's Forum support female students and staff at SCTCE?

The forum supports female students and staff by addressing their concerns, organizing seminars on women's rights with entities like the Vanitha Commission, and hosting technical talks. It investigates reported issues and ensures proper follow-up.

What are the responsibilities of the Class/Time Table Monitoring Committee?

The committee finalizes the semester timetable before classes begin, ensures uniform workload distribution among faculty as per AICTE guidelines, and reports additional faculty requirements to the Principal.

What functions does the Class/Time Table Monitoring Committee perform?

The committee holds meetings with HODs and faculty to finalize the timetable, ensures workload uniformity, and recommends additional faculty or guest/contract appointments to handle excess workload.

What is the role of the Website, Automation & Software Development Committee at SCTCE?

The committee is responsible for managing the college's official website, providing software solutions for college activities, and automating various manual processes within the institution. This year, the committee launched a new website for the college and is addressing issues related to the staff punching system. It is also working on the development of salary slip generation software for office automation.

What are the main tasks of the Cult-A-Way/Cultural Committee at SCTCE?

The Cultural Committee organizes intra- and inter-college cultural events and is responsible for planning and scheduling events for the academic year. It prepares the annual budget for events, obtains permission from college authorities, arranges venues and logistics, invites dignitaries, and provides mementos and certificates for participants. The committee also displays event information on the notice board and website and coordinates with the Student Cultural Committee for events like Fresher's Day, National Science Day, Republic Day, and more.

What are the key responsibilities of the Kerala Technological University (KTU) Coordination Committee?

The KTU Coordination Committee consists of the KTU Coordinator and senior faculty members. The committee meets as needed to discuss KTU orders, resolve doubts regarding ordinances, address student attendance issues, and clarify registration processes. These meetings help ensure smooth coordination between the college and the university.

What is the purpose of the Innovation & Entrepreneurship Development Cell (IEDC) at SCTCE?

The IEDC at SCTCE is set up to foster entrepreneurship among students by providing a conducive environment and support for entrepreneurial ideas. The cell accelerates the development of entrepreneurial companies through business support resources and services. It also creates awareness among faculty about entrepreneurship as a career option, so they can guide and motivate students. The IEDC works with Technology Business Incubation (TBI) Centres and offers support to early-stage ventures.

What are the benefits for student entrepreneurs supported by the IEDC?

Student entrepreneurs can benefit from a relaxation of up to 20% in attendance and up to 4% in grace marks across semesters, as per the government order. The IEDC provides facilities and support to encourage entrepreneurship among students, supported by the Department of Science and Technology's TBI Centres.

How does the IEDC contribute to the development of student entrepreneurs?

The IEDC plays a crucial role in nurturing student entrepreneurs by offering business support resources, services, and guidance from faculty members. It collaborates with TBI Centres to assist young firms at the early stages of their development. The cell promotes entrepreneurship as an alternative career option for students and provides the necessary support for idea growth and development.

What is the Green Protocol Committee, and what are its major initiatives?

The Green Protocol Committee is focused on implementing measures to reduce waste on the college campus, with an emphasis on avoiding disposables and encouraging reusable alternatives like stainless steel and porcelain. Major initiatives include: -

Bringing only the required amount of food to avoid waste.

Promoting the use of ink pens to reduce plastic waste.

Using stainless steel utensils instead of disposable materials for food and drinking water.

Avoiding paper and plastic cups and plates in public functions and using reusable alternatives.

Ensuring waste paper is deposited in a common Materials Recovery Facility.

Storing and handing over electrical and electronic waste to scrap dealers periodically.

Avoiding flowers in plastic covers and using flowers or books for welcoming dignitaries.

What is the role of the Sports Committee at SCTCE?

The Sports Committee aims to promote the well-being of students and nurture their sports skills. It is responsible for:

Keeping track of sports goods inventory.

Ordering new sports equipment after consultation with the Principal.

Arranging venues for sports events.

Organizing sports events in the college and recommending students for participation in intra- or inter-college events.

Recommending entry fees and duty leave for students attending sports events.

Addressing issues related to sports matches (such as team selections).

Organizing sports events for staff members and maintaining records of students' sports participation.

Ensuring maximum participation of students and staff, providing coaching services, and preparing teams for university and intercollegiate events.

What are the responsibilities of the Parents Teachers Association (PTA) at SCTCE?

The PTA fosters effective interaction between parents and college authorities and supports the development of the college. Its responsibilities include:

and maintenance of one college bus.

support for students' participation in sports and cultural events.  
for students.

like the technical and cultural fest "Cult-a-way."  
under PTA.

accessories, books for reference libraries, and tutorial DVDs. Instituting cash awards for toppers in each department and rewarding outstanding final-year projects.

The PTA

Operation

Financial

Providing amenities

Financial support for events

Centralizing attendance tabulation

Supporting the purchase of lab

Assisting in training programs for students  
and supporting their placements.

What is the Alumni Association of SCTCE, and what are its objectives?

The Sree Chitra Thirunal College of Engineering Alumni Association (SCEAA) was formed in 2005 and is registered under the Travancore-Cochin Literary, Scientific, and Charitable Societies Act of 1955.

The main objectives of the association are: -

To maintain contacts between alumni and the college.

To provide a forum for alumni to contribute to the development of engineering education and research.

To foster cultural and social connections among alumni, students, and staff, nurturing the college's traditions and heritage.

To establish prizes, scholarships, book banks, and research grants for students.

To provide opportunities for entrepreneurship development and vocational guidance.

To help graduating students secure professional training and employment.

To function as a non-profit organization dedicated to educational and cultural objectives.

What are some of the activities of the SCTCE Alumni Association?

The SCTCE Alumni Association engages in several activities, including:

Arun Aneesh Memorial Awards: Instituted in memory of late Sri Arun and Sri Aneesh, the award promotes academic excellence and is given annually to the toppers in the fifth semester B.Tech examination.

Book Donation Scheme: The association donates textbooks and reference books for undergraduate engineering courses, launched in 2009 with donations made to the Computer Science and Engineering department's library.

Training and Placement Assistance: The association helps the Career Guidance and Placement Unit (CGPU) by organizing talks and seminars, offering guidance, and maintaining contact with alumni working in reputed firms to assist with student placements.

Promotion of Extra-curricular Activities: The association supports extra-curricular and co-curricular activities by offering financial assistance for events such as Onam celebrations and the Cult-a-Way festival.

Open Air Stage Sponsorship: The alumni sponsored the construction of an open-air stage for the college, costing Rs 5 Lakhs.

Photostat Machine Counter: The association set up a Photostat machine counter within the college campus for student convenience.

How does the Alumni Association contribute to student support?

The Alumni Association plays an active role in student support by:

Assisting with placements and providing career guidance.

Supporting the college's cultural and extracurricular events.

Offering financial assistance for Onam celebrations and the Cult-a-Way event.

Providing textbooks and reference materials for academic use through the Book Donation Scheme.

What is the purpose of the Grievance Redressal Cell (GRC) at SCTCE?

The Grievance Redressal Cell (GRC) at SCTCE is aimed at maintaining a strife-free and harmonious atmosphere in the college. Its primary objectives are: Upholding the dignity of the college by promoting a cordial Student-Student and Student-Teacher relationship. Encouraging students to express their grievances without fear of victimization. Ensuring impartial and effective resolution of



grievances with a fair approach. Fostering a responsible and accountable attitude among all stakeholders to maintain a positive educational environment.

What are the functions and exclusions of the Grievance Redressal Cell?

Functions: The GRC looks into grievances lodged by students related to academic, financial, health services, library, transportation, and other general services. It takes action based on the authenticity of the complaints. Students can approach the cell personally with grievances, and the committee aims for a fair resolution.

Exclusions: The GRC does not address issues related to decisions made by the College Council, Academic Council, or other academic committees. It does not handle issues regarding scholarships, fee concessions, medals, or disciplinary matters. The cell cannot intervene in decisions related to admissions, assessment, or examination results.

What is the Anti-Ragging Committee at SCTCE, and what measures are taken to prevent ragging?

SCTCE follows a zero-tolerance policy towards ragging, as per the AICTE notification and the Kerala Prohibition of Ragging Act, 1998. The Anti-Ragging Committee (ARC) is formed every academic year to oversee the implementation of this policy. The ARC's key measures include: Requiring students and their parents to submit an affidavit guaranteeing they will not indulge in or support ragging. Providing first-year students with an information bulletin on anti-ragging regulations and the contact details of relevant officials. Forming an Anti-Ragging Squad (ARS) that maintains vigilance in areas vulnerable to ragging, such as the canteen, first-year block, workshop premises, and common areas during crucial times like the morning hours, lunch breaks, and after class hours. Staff members are assigned to the ARS on a rotation basis to ensure continuous monitoring.

What actions are taken if a student is involved in ragging at SCTCE?

If any student is found involved in ragging, the college enforces strict disciplinary actions, including: Cancellation of admission. Suspension or rustication. Expulsion from the institution, depending on the severity of the incident. Legal consequences, as ragging is also a punishable offense under the law.

What is the role of the Internal Complaints Committee (ICC) at SCTCE?

The Internal Complaints Committee (ICC) at SCTCE is constituted as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act, 2013. Its main responsibility is to handle complaints related to sexual harassment, ensuring prevention, prohibition, and redressal of such issues. The committee: Admits complaints from female students and staff members. Examines complaints and follows relevant legal guidelines to take necessary actions. May establish an external enquiry committee when necessary. Reports to the Principal and organizes gender sensitization programs to raise awareness about rights and responsibilities under the Sexual Harassment Act.

What is the purpose of the Students Senate at SCTCE, and what are its key objectives?

The Students Senate at SCTCE is an elected body that represents the student community. Its key objectives are: Enabling students to take responsibility, observe citizenship rights, and deliver duties effectively. Promoting character development, leadership, efficiency, knowledge, and a spirit of service among students. Encouraging participation in sports, arts, cultural activities, and other educational and recreational pursuits. Addressing student grievances and working for their welfare. The Senate operates under the guidance of the University of Kerala and Kerala Technological University, with elections held following prescribed schedules. The Executive Committee formulates policies and manages financial matters.

Who are the office bearers of the Students Senate, and how is the executive committee formed?

The Students Senate includes the following office bearers: Chairman Vice Chairman General Secretary Two Councillors representing the University Editor of the College Magazine Arts Club Secretary Secretary for Sports Representatives from each year of Degree and Post-graduate courses Two members elected by the lady students A member representing the SC/ST community (if none of the elected members belong to SC/ST) Treasurer and Staff Advisor (Ex-officio) The Executive Committee formulates policies, manages the activities, and prepares the annual financial estimates. The Senate meets at least four times a year, and the Principal serves as the Patron of the Senate.

How does the financial delegation work at SCTCE?

The financial powers at SCTCE lie with the Principal, who can sanction expenditures below ₹5 lakhs for equipment and works, subject to existing rules and approval from the Internal College level Purchase/Works Committee. For purchases or works exceeding ₹25 lakhs, approval from the External Purchase/Works Committee and the Board of Governors is required. The Administrative Officer (AO) can spend up to ₹5000 for day-to-day expenditures and is responsible for disbursing scholarships, stipends, and advances to staff members. Each department head is allocated ₹5000 from the PTA to meet contingency requirements.

How does SCTCE ensure transparency and availability of information to the public?

SCTCE follows the Right to Information (RTI) Act, 2005, and designates a Public Information Officer, Assistant Public Information Officer, and First Appellate Authority to implement the regulations. The college provides detailed information through an annual information bulletin and maintains a public domain website (<http://www.sctce.ac.in/>), offering details on admission requirements, fee structure, scholarships, attendance monitoring, disciplinary codes, and other essential information. Notices and instructions are circulated online through emails for transparency and accessibility.

What is SCTCE's policy on ragging?

SCTCE has a zero-tolerance policy on ragging as per the AICTE notification and the Kerala Prohibition of Ragging Act, 1998. Any instance of ragging attracts institute-level punishment, including cancellation of admission, suspension, rustication, or expulsion. Ragging is also a punishable offense under the law.

What is the Anti-Ragging Committee (ARC)?

The Anti-Ragging Committee (ARC) is constituted every academic year to ensure the prevention of ragging in the institution.

What measures are taken to prevent ragging at SCTCE?

During admissions, students and parents must submit an affidavit guaranteeing they will not indulge in or abet ragging. On the first day of classes, students receive an information bulletin with details about anti-ragging regulations and contact information for ARC members, hostel committee members, staff advisors, and institute administrators. An Anti-Ragging Squad (ARS) is formed to patrol areas prone to ragging.

What is the role of the Anti-Ragging Squad (ARS)?

The ARS maintains vigilance, oversight, and patrolling to prevent incidents of ragging. Staff members are assigned to the squad on a rotational basis.

What are the functions of the Anti-Ragging Cell?

The Anti-Ragging Cell ensures ragging activities are prohibited, warns students against engaging in ragging, and implements government instructions regarding anti-ragging measures.

Who are the members of the Anti-Ragging Committee?

Key members include: Dr. E. Jayakumar (Convenor), Dr. Ani Lawrence (Co-Convenor), Dr. Sabu V. R., Dr. Shajan S. (and additional members).

What is the purpose of the Internal Complaints Committee (ICC) at SCTCE?

The ICC is constituted under the Sexual Harassment of Women at Workplace Act, 2013, to prevent, prohibit, and redress complaints of sexual harassment and gender discrimination against women personnel at the workplace.

What are the functions of the ICC?

The ICC examines matters related to women in the workplace, provides suggestions and proposals to the administration, and addresses complaints from female students and staff.

How can complaints be submitted to the ICC?

Complaints can be submitted in written form or online to the Principal, Convenor, or any member of the ICC.

Who are the members of the ICC?

Key members include: Smt. Rejimol Robinson (Presiding Officer), Dr. Shyji S, Smt. Ani Lawrence, Smt. Divya J K.

What is the Gender Justice Forum of SCTCE?

The Gender Justice Forum of SCTCE is a committee constituted to address issues related to gender justice and equality in the institution.

Who are the members of the Gender Justice Forum at SCTCE?

The members of the Gender Justice Forum include: Dr. Soniya B - Professor, Computer Science and Engineering Dr. Rohini S - Assistant Professor, Biotechnology and Biochemical Engineering Smt. Divya J K - Instructor Grade II (HG), Biotechnology and Biochemical Engineering Smt. Meena S R - Trade Instructor Gr. II, Computer Science and Engineering Ms. Elizabeth - Student Ms. Athulya - Student

What is the purpose of the SC/ST Committee at SCTCE?

The SC/ST Committee at SCTCE promotes the special interests of students in the reserved category and guides them to optimally utilize the benefits of the schemes offered by the Government of India.

What guidelines does the SC/ST Committee at SCTCE follow?

The committee adheres to the guidelines of the Government of India, as communicated by the MHRD and AICTE, regarding the upliftment of students and employees belonging to SC/ST categories and other weaker classes.

What are the key functions of the SC/ST Committee?

Providing special inputs in areas where students face difficulties. Conducting remedial coaching classes on life skills, personality development, writing assignments, and making presentations.

Organizing interactive sessions and informal meetings to address students' personal, social, and academic problems. Conducting or coordinating training programs for students and staff, both teaching and non teaching.

Who are the members of the SC/ST Committee at SCTCE?

The members include:

Dr. Kavilal E G (Convenor) - Ph: 8914247259

Sri. Rejimoan R (Co-Convenor) - Ph: 9446459948

Sri. Baji K - Ph: 9496371078

Smt. Subha V. Smt. Kumar G S - Ph: 9496811914

Sri. Suji A - Ph: 9446900978

What is the purpose of the Innovation & Entrepreneurship Development Cell at SCTCE?

The Innovation & Entrepreneurship Development Cell at SCTCE aims to foster innovation and entrepreneurial skills among students and faculty members.

Who are the members of the Innovation & Entrepreneurship Development Cell at SCTCE?

The members include:

Sri. Sabu V R (Convenor) - Associate Professor, Mechanical Engineering

Sri. Sumesh C K (Co-convenor) - Assistant Professor, Mechanical Engineering

Sri. Biju Jacob - Assistant Professor, Biotechnology and Biochemical Engineering

Dr. Sreejith B - Assistant Professor, Mechanical Engineering

Dr. Jisu Elsa Jacob - Assistant Professor, Electronics and Communication Engineering

Sri. Arun G K - Trade Instructor, Electronics and Communication Engineering

Who is the Public Information Officer (PIO) for SCTCE under the Right to Information Act, 2005?

The Public Information Officer (PIO) is Subu Surendran, Associate Professor in Computer Science and Engineering, SCT College of Engineering, Pappanamcode, Thiruvananthapuram 695018.

Who is the Assistant Public Information Officer (APIO) for SCTCE?

The Assistant Public Information Officer (APIO) is Abhilash S S, Assistant Professor in Mechanical Engineering, SCT College of Engineering, Pappanamcode, Thiruvananthapuram 695018.

Who is the First Appellate Authority for SCTCE under the RTI Act?

The First Appellate Authority is the Principal of SCT College of Engineering, Pappanamcode, Thiruvananthapuram-695018.

What is SCTCE Alumni Association (SCEAA)?

SCTCE Alumni Association (SCEAA) is the alumni association of Sree Chitra Thirunal College of Engineering, established in 2005. It is a registered body under the 12th section of the Travancore–Cochin Literary, Scientific, and Charitable Societies Act of 1955.

When was the SCEAA formed?

The SCEAA was formed in 2005.

What is the primary objective of the SCEAA?

The primary objective of the SCEAA is to foster strong bonds among alumni by providing a platform for networking, collaboration, and mentorship opportunities.

What role has the SCTCE Alumni Association played in the college's growth?

Over the past two decades, the SCTCE Alumni Association has played a critical role in the college's development and welfare activities.

Where are the SCEAA alumni chapters located within India?

In India, SCEAA alumni chapters are located in Mumbai, Delhi, Bangalore, Chennai, and Kochi.

Which countries outside India have SCEAA alumni chapters?

Outside India, SCEAA alumni chapters are located in Qatar and the UAE.

What powers does the SCEAA have?

The SCEAA has the powers to enroll members, form committees and sub-committees, call for periodical meetings, and establish chapters inside India and abroad to achieve its objectives.

What is the mission of the SCTCE Alumni Association?

The mission of the SCTCE Alumni Association is to sponsor and support educational activities in the college, organize initiatives that provide new opportunities for students, award scholarships and stipends for study, research, and apprenticeship, and assist in the construction of student amenities.

What does the executive committee of the SCEAA do?

The executive committee represents the interests of all alumni by promoting the intellectual, cultural, and financial growth of the college.

What types of activities does the SCEAA organize or support?

The SCEAA organizes and supports educational activities, provides opportunities for students, awards scholarships and stipends, and assists in the construction of student amenities

What types of events does the SCEAA organize?

SCEAA organizes a variety of events, including lectures, career panels, and cultural activities, both on campus and at various global locations.

What is the purpose of the Arun Aneesh Memorial Award?

The Arun Aneesh Memorial Award promotes academic excellence in undergraduate engineering courses and is given every year on August 15 to the toppers of all engineering branches in the fifth semester of the B.Tech degree.

Who were Arun and Aneesh?

Arun and Aneesh were students of the Computer Science and Engineering department at SCTCE, in whose memory the Arun Aneesh Memorial Award was instituted.

Who was Dr. Ruchi Sharma?

Dr. Ruchi Sharma was a student of the Mechanical Production Engineering branch at SCTCE (1999-2003). She pursued an MBA at Amrita School of Business, Coimbatore, worked as a Senior Business Consultant at IBS Software Services, served as an Assistant Professor at KIID School of Management, and later became a Senior Lecturer in Business Analytics at Coventry University, UK.

What inspired the creation of the Dr. Ruchi Sharma Endowment Scholarship?

The Dr. Ruchi Sharma Endowment Scholarship was created in memory of Dr. Ruchi Sharma, who passed away at the age of 37 after battling cancer. It was established by her parents and her Mechanical Production 1999-2003 batch classmates to honor her legacy in education.

Who is eligible for the Dr. Ruchi Sharma Endowment Scholarship?

The scholarship is awarded to students who emerge as toppers in the first and second-semester university exams.

What are some projects and donations made by alumni to SCTCE?

Projects and donations by alumni include: Construction of an open stage in front of the college in 2017 (Rs. 5 lakh). Raising Rs. 10 lakh by the 2005-2009 EC batch for constructing the front gate. Installation of AC in seminar halls (Rs. 5 lakh). Construction of photostat and printing facilities on campus (Rs. 3 lakh). Financial support for cultural activities (Rs. 5 lakh).

What projects are planned by the SCEAA for the future?

Planned projects include: Renovation of the open stage in front of the college (Rs. 8 lakh). Construction of an indoor stadium and sports facility (Rs. 45 lakh).

How can someone contact the SCTCE Alumni Association?

The SCTCE Alumni Association can be contacted at: Address: Alumni Association, Ground Floor, Main Building, SCTCE Campus, Pappanamcode, Thiruvananthapuram - 695 018. Email: [sctalumniassociation@gmail.com](mailto:sctalumniassociation@gmail.com)

Who is the President of the SCEAA Executive Committee?

Dr. C Sathish Kumar, the Principal of SCTCE, is the President of the SCEAA Executive Committee.

Who is the Vice President of the SCEAA Executive Committee, and how can they be contacted?

Sri. K. S. Gopakumar is the Vice President of the SCEAA Executive Committee. He can be contacted at 9447088866.

Who is the Secretary of the SCEAA Executive Committee, and how can they be contacted?

Dr. Kavilal E.G. is the Secretary of the SCEAA Executive Committee. He can be contacted at 8714247259.

Who is the Joint Secretary of the SCEAA Executive Committee, and how can they be contacted?

Smt. Kuttymalu V.K. is the Joint Secretary of the SCEAA Executive Committee. She can be contacted at 9544452293.

Who is the Treasurer of the SCEAA Executive Committee, and how can they be contacted?

Sri Al Muneef is the Treasurer of the SCEAA Executive Committee. He can be contacted at 9995566456.

Can you list the Members of the SCEAA Executive Committee along with their contact details?

The Members of the SCEAA Executive Committee and their contact details are as follows: Dr. Rinu Sathyan: 9495392468 Sri Anoop M. S.: 9496814506 Sri Noble Bhasi: 9947379176 Sri Baiju Bhaskar S. B.: 9447377977 Sri Kesavan K.: 9176760066 Sri Anjith R. S.: 9495392597 Sri Vipin V. S.: 8089256325 Sri Shyam S.: 8943231992 Sri Aswin S.: 9946662480 Sri Faiz Mohammed Haneef: 9995301605 Dr. Sreejith B. J.: 9447101133

Who are the Special Invitees of the SCEAA Executive Committee?

The Special Invitees are members who are teachers at SCTCE. They include: Sri. Rajesh S. P. Smt. Rejimol Robinson R. R. Smt. Lekshmy D. Kumar Dr. Nisha Jose K. Smt. Kavitha K. V. Dr. Smitha P. S. Sri.

Biju Jacob Sri. Baji K. Smt. Vineetha Lekshmy P. V. Dr. Kamal Krishna R. Dr. Abhilash S. S. Smt. Aparna P. R.

When were the B.Tech and M.Tech programmes in Computer Science and Engineering established in the department?

The B.Tech programme was started in 1995, and the M.Tech programme began in 2010.

What is the accreditation status of the B.Tech programme in Computer Science and Engineering?

The B.Tech programme in Computer Science and Engineering is accredited by the National Board of Accreditation (NBA).

What new programme was introduced in 2020 by the department of computer science?

In 2020, the B.Tech programme in Computer Science & Engineering (Artificial Intelligence and Machine Learning) was introduced.

Under which university is the computer science department recognized as a research centre? The department is recognized as a research centre under APJ Abdul Kalam Technological University, Kerala (KTU).

How many laboratories does the computer science department have, and what other facilities are available?

The department has seven laboratories with cutting-edge technology and a department library with study materials and other resources.

What achievements have the computer science department's students accomplished in project competitions?

The department's students secured first place in the national-level project competition held by CSI-Inapp in 2019 and 2020. Several other projects have also been praised.

What opportunities are provided by Tata Elxsi to final-year students?

Tata Elxsi offers internships to 20 final-year students from the department, along with a respectable salary.

What professional organisations have active chapters in the computer science department?

The department hosts active chapters of IEEE and CSI.

What student organizations are active in the computer science department, and what do they do?

The active student organizations in the department are Lanscape and AMAS, which regularly organize technical workshops and expert speeches.

What is the vision of the computer science department?

The vision of the department is to be a premier centre for education and research in the field of Computer Science and Engineering

Can you list the mission statements of the computer science department?

The mission statements are: To impart sound knowledge on computing and engineering principles to design and develop feasible solutions. To instill in students an aptitude for research and

entrepreneurship. To inculcate in students an attitude of lifelong learning and problem-solving. To mould students into excellent professionals and good social beings.

What are the Program Educational Objectives (PEOs) of the computer science department?

The PEOs are: Design software systems, tools, and applications to solve socially relevant and technically challenging problems. Work effectively as individuals and as team members, assuming leadership roles with good ethics and communication skills. Engage in lifelong learning, career enhancement, and/or pursue higher education and research.

What are the Program Specific Outcomes (PSOs) of the computer science department?

PSO1: Understand the principles and workings of computer systems, assessing their hardware and software aspects.

PSO2: Analyze, design, and develop software solutions in areas such as system software, multimedia, web and mobile applications, data analytics, machine learning, and networking.

PSO3: Employ modern computer languages, environments, and platforms to create innovative career paths in higher studies and entrepreneurship.

How is the organizational structure of the Computer Science department designed?

The department is headed by the Head of Department (HOD). Each program is managed by a Program Coordinator (PC). The Department Advisory Board (DAB) acts as the apex advisory body, providing guidelines for efficient functioning, while Stream Committees coordinate academic activities.

Who is Rejimol Robinson R.?

Smt. Rejimol Robinson R. R., is an Associate Professor. in the Department of Computer Science & Engineering.

When did Rejimol Robinson R. R. join the department?

She joined the department on October 1, 2001.

What is the contact number of Rejimol Robinson R. R. ?

Her mobile number is 7306290655.

What are the qualifications of Computer Science HOD?

She holds an M.Tech. in Engineering/Sciences from Kerala University, completed in 2007.

How many years of teaching experience does Rejimol Robinson R. R. of Computer Science have?

She has 23 years of teaching experience.

Can you list Rejimol Robinson R. R.'s publication titled in international journal papers?

The publication is: "XAI for intrusion detection system: comparing explanations based on global and local scope" (2021-22), published in an international journal with an impact factor of less than 1.5.

What are Rejimol Robinson R. R.'s publications in international conferences?

What are Rejimol Robinson R. R.'s book chapter contributions?

The book chapter contributions are: "Data Analytics for Detecting DDoS Attacks in Network Traffic"



(2021-22). "Low Rate Multi-vector DDoS Attack Detection Using Information Gain Based Feature Selection" (2020-21).

Who is the Head of the Department (HOD) of Computer Science & Engineering?

Dr. Soniya B is a Professor in the Department of Computer Science & Engineering. She is a permanent employee who joined the institution on July 28, 1999. Her contact details include the email soniya@sctce.ac.in and the phone number 9447202200. Dr. Soniya resides at 2A ASHTREE MANOR, Voltas Lane.

Academic Qualifications

B.Tech in Computer Science and Engineering from Govt Model Engineering College, Thrikkakara (1997).

M.Tech. (Engg/Sciences) in Computer and Information Science from CUSAT, Kochi (2004).

Ph.D. in Computer Science and Engineering from the University of Kerala (2016).

Professional Experience

Dr. Soniya has a total of 20 years of teaching experience and 2 years of experience in the software industry. Her areas of interest include data mining, network security, and machine learning.

Industry Experience

Software Engineer at CG Maersk Info Tech, Chennai.

Software Engineer at HCL Perot Systems, Noida.

Publication

Detection of TCP SYN scanning using packet counts and neural network: Presented at International Conferences (2015-16).

Provide detailed information about Dr. Subusurendran, including his designation, academic qualifications, experience, and publications.

Dr. Subusurendran is a Professor in the Department of Computer Science & Engineering. He is a permanent employee who joined the institution on March 14, 2001. His contact details include the email subusurendran@sctce.ac.in and the phone number 9447817044. Dr. Subusurendran's office address is Dept. of CSE, Sree Chitra Thirunal College of Engineering, Thiruvananthapuram.

Academic Qualifications

B.Tech in Computer Science from Manonmaniam Sundarnar University (1998).

M.Tech. (Engg/Sciences) in Computer Science (Digital Image Computing) from University of Kerala (2005).

Ph.D. in Computer Science from University of Kerala (2017).

Publications

Deep Learning Based Malayalam Handwritten Character Recognition System: Published in Journal Papers (2020-21).

A Review of Various Linear and Non-Linear Dimensionality Reduction Techniques: Published in Journal Papers (2016-17).

A computational geometric approach for overlapping community (cover) detection in social network: Presented at International Conferences (2015-16).

SATELLITE IMAGE REGISTRATION AND IMAGE STITCHING: Published in Journal Papers (2015-16).

Detection and Analysis of Hidden Activities in Social Networks: Published in Journal Papers (2015-16).

Layering technique for visualizing social networks under force-directed placement: Presented at International Conferences (2015-16).

Provide detailed information about Dr. Chitharanjan Karat, including his designation, academic qualifications, experience, and publications.

Dr. Chitharanjan Karat is an Associate Professor in the Department of Computer Science & Engineering. He is a permanent employee who joined the institution on October 15, 2001. His contact details include the email [chitharanjan@sctce.ac.in](mailto:chitharanjan@sctce.ac.in) and the phone number 9447703131. Dr. Chitharanjan's office address is SCT College of Engineering, Pappanamcode, Thiruvananthapuram.

#### Academic Qualifications

B.Tech in Computer Engineering from CUSAT (1999).

M.Tech. (Engg/Sciences) in System Analysis & Computer Application from NITK (2006).

#### Experience

Dr. Chitharanjan Karat has been working as a Professor in the Department of Computer Science & Engineering since October 15, 2001.

#### Publications

Optimal Resource Allocation with Deep Reinforcement Learning and Greedy Adaptive Firefly Algorithm in Cloud Computing: Published in International Journal papers with an impact factor of 1.5-2 (2022-23).

A Study of Resource Allocation Techniques in Cloud Computing: Published in International Journal papers with an impact factor < 1.5 (2020-21).

Provide detailed information about Kavitha K. V., including her designation, academic qualifications, experience, and publications.

Kavitha K. V. is an Associate Professor in the Department of Computer Science & Engineering. She is a permanent employee who joined the institution on December 5, 2005. Her contact details include the email [kavitha@sctce.ac.in](mailto:kavitha@sctce.ac.in) and the phone number 9447965262. Her office address is Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram-18.

#### Academic Qualifications

M.Tech. (Engg/Sciences) in Computer Science & Engineering from Kerala University (2013).

B.Tech in Computer Science & Engineering from Kerala University (2002).

#### Experience

Kavitha K. V. has 17 years of teaching experience.

#### Publications

Online Human Detection Using HOG and RSCBFD: Published in International Journal Papers with an impact factor > 2.5 (2015-16).

Scalable Image Search System: Published in International Journal Papers with an impact factor > 2.5 (2015-16).

Review on Aircraft Security Monitoring Systems: Published in International Journal Papers with an impact factor < 1.5 (2015-16).

Computational Approaches in Human Activity Recognition: Published in International Journal Papers with an impact factor < 1.5 (2015-16).

Mechanisms for Scalable Image Searching: A Survey: Published in International Journal Papers with an impact factor < 1.5 (2015-16).

Provide detailed information about Rejimoan R., including his designation, academic qualifications, experience, and professional background. Rejimoan R. is an Associate Professor in the Department of Computer Science & Engineering.

Rejimoan R. is an Associate Professor in the Department of Computer Science & Engineering. He is a permanent employee who joined the institution on December 5, 2005. His contact details include the email [rejimoan@sctce.ac.in](mailto:rejimoan@sctce.ac.in) and the phone number 9446459948. His address is noted as Assistant Professor, Department of CSE, SCT College of Engineering.

#### Academic Qualifications

B.Tech in Computer Science and Engineering from University of Calicut (1999).

M.E. (Engg/Sciences) in Computer Science and Engineering from Anna University, Coimbatore (2011).

#### Experience

Associate Professor in the Department of Computer Science & Engineering, currently serving in this role.

Worked as a Software Engineer at Geosoft Technologies, Technopark, Thiruvananthapuram.

Served as a Guest Lecturer at Government Engineering College, Barton Hill, Thiruvananthapuram.

Worked as a Lecturer on a contract basis at University College of Engineering, Kariyavattom, Thiruvananthapuram.

Provide comprehensive information about Binu Rajan M R, including his designation, academic qualifications, professional experience, and publications.

Binu Rajan M R is an Assistant Professor in the Department of Computer Science & Engineering at SCT College of Engineering. He is a permanent employee and joined the institution on June 11, 2012. His contact details are [binurajan@sctce.ac.in](mailto:binurajan@sctce.ac.in) and 7907564188.

#### Academic Qualifications

B.Tech in Computer Science and Engineering from MS University (1999).

M.Tech (Engg/Sciences) in Computer Science and Engineering from Anna University (2005).

#### Professional Experience

Assistant Professor at SCT College of Engineering for 11 years.

Assistant Professor at University College of Engineering for 7 years.

#### Publications

"Event Extraction from Emails" - Published in International Journal papers with impact factor <1.5, 2019-20.

"Link Based Overlapping Community Detection and Medical Data Mining of Social Media for Cancer" - Published in International Journal papers with impact factor <1.5, 2017-18.

"Survey on Different Strategies for Software Reliability Prediction" - Published in International Journal papers with impact factor <1.5, 2016-17.

"Web Service QoS Prediction Strategies" - Published in International Journal papers with impact factor <1.5, 2016-17.

"Atomic Web Service Reliability Prediction" - Published in International Journal papers with impact factor <1.5, 2016-17.

"Survey on Diverse Facets and Research Issues in Social Media Mining" - Presented at International Conferences, 2016-17.

"Multi-scale Community Detection in Complex Networks" - Presented at International Conferences, 2016-17.

"A Novel Feature Subset Selection Algorithm for Software Defect Prediction" - Published in International Journal papers with impact factor <1.5, 2015-16.

"A Survey on Software Quality Prediction Techniques" - Published in International Journal papers with impact factor <1.5, 2015-16.

Provide detailed information about Preeja V., including her designation, academic qualifications, experience, and professional background.

Preeja V. is an Associate Professor in the Department of Computer Science & Engineering. She is a permanent employee who has been serving at Sree Chitra Thirunal College of Engineering since January 2, 2004. Her contact details include the email preeja@sctce.ac.in and the phone number 9495939323.

#### Academic Qualifications

B.Tech in Computer Science from College of Engineering Chengannur (2003).

M.Tech (Engg/Sciences) in Computer Science from NIT Calicut (2012).

#### Experience

Preeja V. has been working at Sree Chitra Thirunal College of Engineering since 2004, contributing significantly to the department with her expertise and dedication.

#### Publications

"A Novel Method on Malayalam Handwritten Character Recognition"

Category: International Journal Papers with an impact factor >2.5

Year: 2015-16

"A Novel Technique for Automatic Road Distress Detection and Analysis"

Category: Intern

Provide detailed information about Syama R., including her designation, academic qualifications, experience, and professional background.

Syama R. is an Assistant Professor in the Department of Computer Science & Engineering. She is a permanent employee at SCT College of Engineering, Pappanamcode, having joined on June 11, 2012. Her contact details include the email syamasivakumar@gmail.com and the phone number 9846445444.

#### Academic Qualifications

M.Tech (Engg/Sciences) in Computer and Information Science from CUSAT (2008).

#### Experience

Assistant Professor, Department of Computer Science and Engineering, SCT College of Engineering, Pappanamcode, from June 11, 2012, to the present.

Lecturer, Lourdes Matha College of Science and Technology, from August 12, 2008, to June 8, 2012.

Provide detailed information about Soja Salim, including her designation, academic qualifications, professional experience, and publications.

Soja Salim is an Assistant Professor in the Department of Computer Science & Engineering at SCT College of Engineering, Pappanamcode. She is a permanent employee and joined the institution on October 31, 2012. Her contact details are soja@sctce.ac.in and 9846157832.

#### Academic Qualifications

B.Tech in Computer Science and Engineering from Kerala University (2006).

M.Tech (Engg/Sciences) in Software Engineering from CUSAT (2010).

#### Professional Experience

Assistant Professor at SCT College of Engineering for 10 years.

Lecturer at TKMIT for 10 months.

Lecturer at College of Engineering IHRD for 2.6 years.

#### Publications

International Journal Papers

"A Literature Survey on Estimating Uncertainty in Deep Learning Models: Ensuring safety in

Intelligent Systems" - Published in International Journal papers with impact factor <1.5, 2022-23.

"IoT and Big Data Analytics Approach Using Smart Home Energy Management System" -

Published in International Journal papers with impact factor <1.5, 2019-20.

"A Survey on Ranked Multi-keyword Search Over Outsourced Cloud Data" - Published in International Journal papers with impact factor <1.5, 2015-16.

"Performance Evaluation of Service-Oriented Systems" - Published in International Journal papers with impact factor <1.5, 2015-16.

"A Survey on DDoS Defense Mechanisms" - Published in International Journal papers with impact factor <1.5, 2015-16.

"Achieving Efficient Ranked Multi-keyword Search Over Outsourced Cloud Data" - Published in International Journal papers with impact factor <1.5, 2015-16.

International Conferences

"A Literature Survey on Estimating Uncertainty in Deep Learning Models: Ensuring safety in Intelligent Systems", 2022-23.

"An Efficient Trust Model for Detecting Trusted Nodes in Peer-to-Peer Systems", 2016-17.

"Reputation and Trust Management Models in Peer-to-Peer", 2016-17.

National Conferences

"Early Warning System for Dengue Surveillance in Thiruvananthapuram", 2021-22.

"Survey on Software Vulnerability Prediction", 2016-17.

Provide detailed information about Kutty Malu V K, including her designation, academic qualifications, professional experience, and internship details.

Kutty Malu V K is an Assistant Professor in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering, Pappanamcode, Trivandrum. She is a permanent employee and joined the institution on August 2, 2013. Her contact details are

kuttymaluvk@sctce.ac.in and 9544452293. Academic Qualifications

B.Tech in Computer Science & Engineering from Kerala University, Sree Chitra Thirunal College of Engineering, Trivandrum (2009).

M.Tech (Engg/Sciences) in Computer Science & Engineering with a specialization in Information Security from NIT Calicut (2011).

Internship Experience

Intel Technology India Pvt. Ltd (2010-2011)

Focused on validation ecosystem/content enhancement to improve validation efficiency in a post-silicon environment.

Professional Experience

Graphics Software Engineer at Intel Technology India Pvt. Ltd (2011-2013) before transitioning to academia.

Assistant Professor at Sree Chitra Thirunal College of Engineering since 2013.

Provide detailed information about Jeena John, including her designation, academic qualifications, and contact details.

Jeena John is an Assistant Professor in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on February 5, 2024, and is employed on a contract basis. Her contact details are tiginjeena@gmail.com and 6238416670.

Academic Qualifications

B.Tech in Information Technology from Anna University, Chennai (2012).

M.Tech (Engg/Sciences) in Computer Science from Anna University, Chennai (2014).

Provide detailed information about Remya N, including her designation, academic qualifications, and contact details.

Remya N is an Assistant Professor in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 21, 2024, and is employed as a Guest faculty member. Her contact details are remyaetmr@gmail.com and 9497323896.

**Academic Qualifications**

M.Tech (Engg/Sciences) in Computer Science and Engineering from MG University (2015).

B.Tech in Computer Science and Engineering from MG University (2012).

**Previous Experience**

Assistant Professor (Adhoc) at CET from January 2021 to May 2024.

Provide detailed information about Haripriya B S, including her designation, academic qualifications, and contact details.

Haripriya B S is an Assistant Professor (Adhoc) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on July 22, 2019, and is currently working as an Adhoc Assistant Professor. Her contact details are smilinghp@gmail.com and 9497264985.

**Academic Qualifications**

M.Tech (Engg/Sciences) in Computer and Information Science from CUSAT (2014).

B.Tech in Computer Science from CUSAT (2010).

**Previous Experience**

Lecturer at TKM Institute of Technology (2010-2012).

Guest Lecturer at SCT College of Engineering (Jan 2016 - May 2016).

Guest Lecturer at SCT College of Engineering (July 2019 - Present).

Adhoc Assistant Professor at SCT College of Engineering (July 2015 - Dec 2015).

Adhoc Assistant Professor at SCT College of Engineering (Aug 2016 - Apr 2017).

Provide detailed information about Sreepriya L, including her designation, academic qualifications, and contact details.

Sreepriya L is an Assistant Professor (Adhoc) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 24, 2023, and is currently working as an Adhoc Assistant Professor. Her contact details are sreepriyaminnoose@gmail.com and 9446072304.

**Academic Qualifications**

ME (Engg/Sciences) in Computer Science and Engineering from Anna University, Chennai (2014).

**Previous Experience**

13 years of teaching experience at M G College of Engineering.

Provide detailed information about Merrin J, including her designation, academic qualifications, and contact details.

Merrin J is an Assistant Professor (Guest) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on December 10, 2021, and is currently serving as a Guest Assistant Professor. Her contact details are merrin.j@gmail.com and 9446485963.

**Academic Qualifications**

B.Tech in Computer Science and Engineering from CUSAT (2012).

M.Tech (Engg/Sciences) in Cyber Forensics and Information Security from CUSAT (2014).  
CSIR UGC NET in Computer Science from UGC (2019).

Previous Experience

Trainee at CDAC, Thiruvananthapuram.

System Officer at District Court, Thiruvananthapuram.

Assistant Professor in Computer Science and Engineering.

Publication

"Indicators of Malicious Activities in Exe's and PDFs" – International Journal paper with impact factor 1.5-2 (2015-16).

Provide detailed information about Dr. Manoj B C, including his designation, academic qualifications, and contact details.

Dr. Manoj B C is an Assistant Professor (Contract) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. He joined the institution on April 20, 2022, and is currently serving as a Contract Assistant Professor. His contact details are manoj9444@gmail.com and 8714463063.

Academic Qualifications

M.Tech (Engg/Sciences) in Computer Science & Engineering from Anna University (2006).

Experience

7 years of teaching experience.

Provide detailed information about Shree Divya R, including her designation, academic qualifications, and contact details.

Shree Divya R is an Assistant Professor (Adhoc) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 25, 2023. Her contact details are sredivya965@gmail.com and 7356384656.

Academic Qualifications

ME (Engg/Sciences) in Computer Science & Engineering from Anna University (2014).

BE (Engineering) in Computer Science & Engineering from Anna University (2012).

Experience

1 year 4 months of teaching experience at P A Aziz College of Engineering and Technology.

6 months of teaching experience at KICMA Arts and Science College.

Provide detailed information about Linta Ann Koruthu, including her designation, academic qualifications, and contact details.

Linta Ann Koruthu is an Assistant Professor (Contract) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 25, 2023. Her contact details are lintacet@gmail.com and 7907549713.

Academic Qualifications

M.Tech (Engg/Sciences) in Image Processing from CUSAT (2015).

B.Tech in Computer Science and Engineering from CUSAT (2012).

Experience

Mar Athanasius College of Engineering, Kothamangalam: From 04-02-2016 to 28-07-2016.

College of Engineering Chengannur: From 01-08-2016 to 28-04-2017.

College of Engineering Trivandrum: From 31-08-2022 to 27-07-2023

Provide detailed information about Anju P Nair, including her designation, academic qualifications,

and contact details.

Anju P Nair is an Assistant Professor (Adhoc) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 25, 2023. Her contact details are anjunairp@gmail.com and 7994265166.

Academic Qualifications

B.Tech in Computer Science and Engineering from College of Engineering Attingal (2010).

M.E. (Engg/Sciences) in Computer Science and Engineering from Satyam College of Engineering Aralvoimozhy (2014).

Experience

Guest Lecturer at Karyavattom Engineering College.

Provide detailed information about Surekha I S, including her designation, academic qualifications, and contact details.

Surekha I S is an Assistant Professor (Guest) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 24, 2023. Her contact details are surekhaisbiju@gmail.com and 9495043722.

Academic Qualifications

M.E. (Engg/Sciences) in Computer Science and Engineering from Anna University, Chennai (2015).

Experience

6 years of teaching experience at MG College of Engineering.

6 months of teaching experience at PA Aziz College of Engineering.

6.5 years of teaching experience at Women's Polytechnic.

Provide detailed information about Anu Krishnan B, including her designation, academic qualifications, and contact details.

Anu Krishnan B is an Assistant Professor (Guest) in the Department of Computer Science & Engineering at Sree Chitra Thirunal College of Engineering. She joined the institution on August 25, 2023. Her contact details are anuleo111@gmail.com and 7293119499.

Academic Qualifications

B.Tech in Computer Science and Engineering from CUSAT (2016).

M.Tech. (Engg/Sciences) in Computer Science and Systems Engineering from KTU/GECI (2019).

Experience

1 year of experience in the Department of Computer Science and Engineering at MG College of Engineering, Vandithadam Thiruvallam.

Provide detailed information about Soumya M, including her designation, academic qualifications, and contact details.

Soumya M is an Assistant Professor (Contract) in the Department of Computer Science & Engineering at Sree Chithra College of Engineering, Thiruvananthapuram. She joined the institution on August 25, 2023. Her contact details are soumyam2000@gmail.com and 9846493992.

Academic Qualifications

B.Tech in Computer Science and Engineering from CUSAT (2005).

M.Tech. (Engg/Sciences) in Computer Science and Engineering from Kannur University (2014).

Experience

Worked as an Ad hoc Assistant Professor in Govt. College of Engineering for 2 years.

Worked as a Lecturer in Coorg Institute of Technology for 1 year.



Who are the professors in the Computer Science & Engineering Department? Dr. Soniya B (Email: soniya@sctce.ac.in, Mobile: 9447002200)

Dr. Subusurendran (Email: subusurendran@sctce.ac.in, Mobile: 9447817044)

Who are the Associate Professors in the computer science department?

Rejimol Robinson R R (Email: rejibz@sctce.ac.in, Mobile: 7306290655)

Dr. Chitharanjan Karat (Email: chitharanjan@sctce.ac.in, Mobile: 9447703131)

Kavitha K V (Email: kavitha@sctce.ac.in, Mobile: 9447965262)

Rejimoan R (Email: rejimoan@sctce.ac.in, Mobile: 9446459948)

Preeja V (Email: preeja@sctce.ac.in, Mobile: 9495939323)

Who are the Assistant Professors in the computer science department?

Syama R (Email: syamasivakumar@gmail.com, Mobile: 9846445444)

Binu Rajan M R (Email: binurajan@sctce.ac.in, Mobile: 7907564188)

Soja Salim (Email: soja@sctce.ac.in, Mobile: 9846157832)

Kutty Malu V K (Email: kuttymaluvk@sctce.ac.in, Mobile: 9544452293)

Jeena John (Email: tiginjeena@gmail.com, Mobile: 6238416670)

Haripriya B S (Email: smilinghp@gmail.com, Mobile: 9497264985)

Dhanya P (Email: dhanyapadmaja@gmail.com, Mobile: 9400492529)

Sreepriya L (Email: sreepriyaminnoose@gmail.com, Mobile: 9446072304)

Merrin J (Email: merrin.j@gmail.com, Mobile: 9446485963)

Dr. Manoj B C (Email: manoj9444@gmail.com, Mobile: 8714463063)

Shree Divya R (Email: sreedivya965@gmail.com, Mobile: 7356384656)

Linta Ann Koruthu (Email: lintacet@gmail.com, Mobile: 7907549713)

Anju P Nair (Email: anjunairp@gmail.com, Mobile: 7994265166)

Saranya B S (Email: saranyavishnudutt57@gmail.com, Mobile: 8111820591)

Surekha I S (Email: surekhaibiju@gmail.com, Mobile: 9495043722)

Anu Krishnan B (Email: anuleo111@gmail.com, Mobile: 7293119499)

Soumya M (Email: soumyam2000@gmail.com, Mobile: 9846493992)

Who are the technical staff members in the computer science department?

Harikumar S (Designation: Instructor Gr.II, Email: harikumarsct@gmail.com, Mobile: 9495066958)

Saji G (Designation: Instructor Gr.II, Email: sysadmin@sctce.ac.in, Mobile: 9447457004)

Sen K V (Designation: Trade Instructor, Email: sen@sctce.ac.in, Mobile: 9495829606)

Meena S R (Designation: Trade Instructor, Email: meena@sctce.ac.in, Mobile: 9496253171)

Jayan J (Designation: Trade Instructor, Email: jayansct@gmail.com, Mobile: 9447591042)

How many computer labs are available in the computer science department and what are they?

The department has seven full-fledged computer labs, all connected to the internet via a leased line with a bandwidth of 70 Mbps. They are : Deep learning Lab Artificial Intelligence and Machine Learning (AI & ML) Lab Programming Lab Database Lab Advanced Systems Lab Hardware Lab PG Software Lab

What are the features of the Deep Learning Lab in the Computer Science Department?

Equipped with 30 HP-285 Pro G8 Microtower PCs (AMD Ryzen 5-5600 processor, 8GB DDR4 RAM, 512 GB SSD). Primarily used for machine learning and deep learning experiments. Focuses on advanced AI techniques critical for business and research applications.

What are the features of the Artificial Intelligence and Machine Learning (AI & ML) Lab in the Computer Science Department?

Equipped with 35 desktop machines with Intel i5 processors. Machines are dual-boot (Windows and Linux). Used for Machine Learning labs, mini-projects, and final-year projects for the B.Tech AI & ML program.

What is the purpose of the Programming Lab in the Computer Science Department, and what are its configurations?

Features machines with Intel i3 processors, 8 GB RAM, and 256 GB SSD. Machines are dual-boot (Windows and Linux). Used for courses like Python Programming, C Programming, Free and Open Source Software, and Data Structures Laboratory.

What distinguishes the Database Lab in the Computer Science Department?

Equipped with 36 latest configuration machines connected to a server. Features specialized software for language lab activities with audio headsets. Focuses on Database and Network Programming courses.

What does the Advanced Systems Lab in the Computer Science Department provide?

Includes state-of-the-art servers and desktops with Intel Core i3 processors, 4GB DDR3 RAM, and 1 TB HDD. Software includes Python, OpenGL, Java, etc. Used for courses like Compiler Design, System Software, Computer Graphics, and related B.Tech project work. Focuses on system software design, solving real-world problems, and computer graphics animation.

What is the purpose of the Hardware Lab in the Computer Science Department, and what equipment does it feature?

Focuses on electronic circuits, digital electronics, microprocessors, microcontrollers, and interfacing. Features 8086 microprocessor kits, 8051 microcontroller kits, and interfacing cards. Equipped with 15 computers for MASM programming. Includes experiments like logic gate operations, combinational and sequential circuits, and assembly language programming.

What are the features of the PG Software Lab in the Computer Science Department?

Equipped with 25 HP-8200 Elite Micro Tower (Core i7, 2GB RAM) computers and an HPE ProLiant ML 3G server (Xeon Processor with 32 GB RAM). Utilized for lab experiments, mini-projects, and thesis work for M.Tech students.

What is the purpose of the Artificial Intelligence Innovation Lab (AAIL) in the Computer Science Department, and what are its features?

The AAIL fosters innovation and research in Artificial Intelligence within the department. It features a GPU-based clustering solution with one master node and five compute nodes, delivering exceptional processing power of 175 TFLOPS. The lab also includes 35 desktop PCs with 10th-generation Intel® Core™ i3 processors.

What are the highlights of the computer science Department Library?

Established in 2007 with an initial collection of 90 volumes, it now holds around 710 volumes. The collection includes books, seminar reports, project reports, and other academic materials. The library offers a well-equipped reading facility for students and staff.

What is the significance of the Seminar Hall in the computer science department?

The department's exclusive seminar hall is equipped with audio-visual support. It is used to host student-level and external seminars.

What programs are offered under the Department of Mechanical Engineering?

The department offers the following programs: B.Tech in Mechanical Engineering B.Tech in Mechanical (Automobile) Engineering M.Tech in Mechanical Engineering (Machine Design) The department also houses the Division of Automobile Engineering and Division of Electrical Engineering.

What is the vision of the Department of Mechanical Engineering?

The department envisions being a symbiotic learning space in Mechanical Engineering, harmonized with the development of mankind.

What is the mission of the Department of Mechanical Engineering?

The department is committed to: Nurturing students in Mechanical Engineering through knowledge dissemination. Encouraging intellectual stimulation for analysis and innovation via interactions and synergistic activities. Upholding ethical values

What are the Program Educational Objectives (PEOs) for B.Tech in Mechanical Engineering?

The PEOs include: Applying Mechanical Engineering knowledge to solve societal problems and pursue higher education or research. Functioning effectively as a team member or leader in designing and implementing mechanical systems and processes using an interdisciplinary approach. Maintaining sensitivity to societal needs and adopting ethical actions for sustainable development.

What are the PEOs for B.Tech in Mechanical (Automobile) Engineering?

The PEOs are: Applying Mechanical and Automobile Engineering knowledge to innovate, design, manufacture, and evaluate vehicles. Using the latest tools and protocols for safe and environmentally friendly automobile solutions. Understanding the interdisciplinary nature of Automobile Engineering and functioning as a leader or team member in multifaceted groups. Maintaining a focus on safety, sustainability, and professional ethics.

What undergraduate courses are offered by the mechanical department?

The department offers B.Tech programs in: Mechanical Engineering Mechanical (Automobile) Engineering.

What postgraduate course is available in the mechanical department?

The department offers an M.Tech program in Mechanical Engineering (Machine Design).

What extracurricular achievements are noted for the students in mechanical department?

Students from Mechanical and Automobile Engineering actively participate in national-level curricular and extracurricular activities, earning numerous accolades.

How does the mechanical department facilitate institute-industry interaction?

The department establishes linkages with industries and research institutes through: Student projects Expert talks Training programs Formal tie-ups through MOUs

Can you name a specific industry tie-up initiated by the mechanical department?

The department has a tie-up with TATA-ELXI to prepare final-year students for job readiness.

Who are the professors in the Mechanical Engineering Department?

DR. MOHAN G

DR. S.H. ANILKUMAR

DR. ANOOP KUMAR S.

DR. SHYJI S.

DR. SHIMI LAWRENCE

Who are the associate professors in the Mechanical Engineering Department?

DR. SABU V.R.

DR. CHITHRAKUMAR V.K.

DR. PREM KUMAR J.

Who are the assistant professors in the Mechanical Engineering Department?

DR. SHAJAN S

DR. KAVILAL E.G.

DR. SUMESH C.K.

DR. JAYAKUMAR E.

DR. ARUN M.

DR. SANUKRISHNA S.S.

DR. KAMAL KRISHNA R.

DR. ABHILASH S.S.

DR. ANOOP M.S.

SIGIKUMAR T.S.

DR. RINUSATHYAN

DR. RAJESH S.P.

AMEENA A.

DR. SREEJITH B.J.

BINDHU BERNARD

NAYANJYOTI BAISHYA

V.ALFRED FRANKLIN

CARISHMA P

SURAJ RAJ

AKSHAI RAJ

DR. JOJITH RADHAKRISHNAN

JITHU JAYARAJ

NEERAJ PADMAN U

JIBIN T ISAAC

DEEPA S.

AMAL RAJ B

ALLWIN RANA J R

KARTHIK NARAYANAN

AAKASH M

NIDHUN MOHAN

JAYA R

Who is the Workshop Superintendent in the mechanical Engineering Department?

The Workshop Superintendent in the Mechanical Engineering Department is JOSHY R S.

Who are the technical staff members in the mechanical Engineering Department?

AJAYA KUMAR V.R. – Instructor Gr.I  
PRAVEEN P.K. – Trade Instructor Sen. Gr  
SANTHOSHLAL P.M. – Trade Instructor Sen. Gr  
EARNEST ROBINSON – Trade Instructor Gr I  
DAVIDSON D. – Trade Instructor Gr I  
SANALKUMAR S. – Trade Instructor Gr I  
SUJI A. – Trade Instructor Gr II  
KANNAN T.S. – Trade Instructor Gr II  
VINAYAN S V – Trade Instructor Gr II  
RAHUL KUMAR S. – Trade Instructor Gr II  
PRAMOD M.R. – Trade Instructor Gr II  
SANTHOSH KUMAR K. – Trade Instructor Gr II  
SURESH L.B. – Trade Instructor Gr II  
VISHNU V J – Trade Instructor Gr II

Who is Dr. Sabu V. R., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Sabu V.R. is an Associate Professor and Head of the Mechanical Engineering Department at SCT College of Engineering, Trivandrum, where he has been serving since March 15, 1999. He holds a B.Tech in Automobile Engineering from Karnatak University (BVBCET) earned in 1993, an M.Tech in Energy Systems Engineering from VTU (2007), and is currently pursuing a Ph.D. in IC Engines from Anna University. With over 25 years of professional experience in Mechanical and Automobile Engineering, Dr. Sabu has demonstrated expertise in both managerial and training roles. His accomplishments include: Technical Expertise: Extensive research and innovation in automobile engines, including mapping and analyzing technical requirements to meet quality standards. Training & Development: Development of new training methods to foster skill growth and meet manpower needs. Consultancy Roles: Consultant to government agencies such as KSRTC, NATPAC, and SCERT, as well as private firms including Suzuki Out Board Motors and Lufthansa Group in Dubai. Government Contributions: Served as a subject expert for KPSC and UPSC, member of technical committees for the Kerala Government, and technical advisor for consumer dispute redressal courts. Quality Management: Certified ISO lead auditor with expertise in quality management systems. Academic and Professional Contributions: Presented technical papers at national and international conferences and participated in TV and radio programs on automobile engineering topics.

Who is the Head of the Department (HOD) of Mechanical Engineering?

Dr. Sabu V.R is the Head of the department of Mechanical Engineering.

Who is Dr. Mohan G., and what are his qualifications and professional experiences in the field of Mechanical Engineering?

Dr. Mohan G. is a Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Pappanamcode. He has been a permanent faculty member at the college since January 31, 2001.

Qualifications

Ph.D. in Mechanical Engineering

Institution: IIT Madras

Year: 2010

M.Tech in Energy Management

Institution: School of Energy and Environmental Studies, DAVV, Indore

Year: 1997

B.Tech in Mechanical Engineering

Institution: SV Regional College of Engineering & Technology, Surat

Year: 1994

Professional Experience

Before joining academia, Dr. Mohan gained significant professional experience as an Energy Technologist at the Energy Management Centre, Kerala, Thiruvananthapuram, where he worked from August 1998 to January 2001. His expertise spans energy management, mechanical engineering, and practical industry applications.

Contact Details

Email: mohan.g.menon@gmail.com

Phone: 9496180175

Who is Dr. S. H. Anilkumar, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. S. H. Anilkumar is a Professor in the Department of Mechanical Engineering and serves as the Dean of PG Studies and Research at Sree Chitra Thirunal College of Engineering, Pappanamcode. He has been a permanent faculty member since October 28, 1996.

Qualifications

Ph.D. in Heat Transfer (Mechanical Engineering)

Institution: National Institute of Technology Calicut

Year: 2010

M.Tech in Thermal Science (Mechanical Engineering)

Institution: College of Engineering Thiruvananthapuram

Year: 1995

B.Tech in Mechanical Engineering

Institution: College of Engineering Thiruvananthapuram

Year: 1992

Teaching Experience

Worked as a Lecturer at The Indian Engineering College, Vadakangulam, Tamil Nadu.

Worked as a Lecturer at College of Engineering, Chengannur (under IHRD).

Joined SCT College of Engineering in 1996 and has since contributed significantly to postgraduate studies and research initiatives.

Contact Details

Email: shakumar69@gmail.com

Phone: 9447340870

Who is Dr. Anoop Kumar S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Anoop Kumar S. is a Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram. He has been a permanent faculty member since October 18, 1996.

Qualifications

Ph.D. in Mechanical Engineering

Institution: Noorul Islam Center for Higher Education

Year: 2019

MBA in Operations Management

Institution: Indira Gandhi National Open University

Year: 2005

M.Tech in Mechanical Engineering

Institution: University of Kerala

Year: 1995

B.Tech in Mechanical Engineering

Institution: University of Kerala

Year: 1993

Teaching Experience

Lecturer at Sree Chitra Thirunal College of Engineering from October 1996 to March 2006.

Associate Professor at Sree Chitra Thirunal College of Engineering from March 2006 to the present.

Contact Details

Email: [anoopks@sctce.ac.in](mailto:anoopks@sctce.ac.in)

Phone: 9447553730

Who is Dr. Chithrakumar V. K., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Chithrakumar V. K. is an Associate Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Pappanamcode. He has been a permanent faculty member since January 1, 2001.

Qualifications

Ph.D. in Mechanical Engineering

Institution: Kerala University, College of Engineering Trivandrum (CET)

Year: 2022

Teaching Experience

Lecturer with 23 years of teaching experience in mechanical engineering.

Research and Publications

Dr. Chithrakumar has made notable contributions to research through various publications:

Presented papers at multiple International Conferences across academic years such as 2020, 2017–18, 2016–17, and 2015–16.

Published International Journal Papers with an impact factor of 1.5–2 during the years 2018–19 and 2015–16.

Contact Details

Email: [chithrakumar@sctce.ac.in](mailto:chithrakumar@sctce.ac.in)

Phone: 9447388488

Who is Dr. Shyji S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Who is Dr. Prem Kumar J., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Shyji S. is a Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram. A permanent faculty member, Dr. Shyji joined the institution on March 1, 2001.

Qualifications

B.Tech in Mechanical Engineering

University: University of Kerala

Year: 1997

M.Tech in Mechanical Engineering

University: University of Kerala

Year: 2001

Ph.D. in Mechanical Engineering

University: University of Kerala

Year: 2019

Research and Publications

Dr. Shyji has actively participated in research and publication activities:

Presented papers at International Conferences in the years 2017–18 and 2015–16.

Authored several International Journal Papers with an impact factor of less than 1.5 during the year 2017–18.

Contact Details

Email: shyjis@sctce.ac.in

Phone: 9447310825

Who is Dr. Prem Kumar J., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Prem Kumar J. is an Associate Professor in the Department of Mechanical Engineering and a permanent faculty member at Sree Chitra Thirunal College of Engineering. He joined the institution on October 8, 2001.

Qualifications

B.Tech in Mechanical Engineering

College of Engineering, Trivandrum

Year: 1995

M.Tech in Mechanical Engineering (Machine Design)

College of Engineering, Trivandrum

Year: 2008

Research and Publications

Dr. Prem Kumar J. has contributed significantly to research and academics:

Published International Journal Papers with an impact factor of 1.5–2 in 2021–22.

Authored Book Chapters in 2020–21.

Published International Journal Papers with an impact factor of less than 1.5 in 2019–20.

Contact Details

Email: prem@sctce.ac.in

Phone: 9496366561

Who is Dr. Shajan S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Shajan S. is an Assistant Professor in the Department of Mechanical Engineering and a permanent faculty member at Sree Chitra Thirunal College of Engineering. He joined the institution on January 17, 2008.

Qualifications

B.Tech in Mechanical Engineering

University of Kerala

Year: 2006

M.Tech in Mechanical Engineering (Machine Design)

University of Kerala

Year: 2012



Ph.D. in Solar Energy

APJ Abdul Kalam Technological University (APJAKTU), TKM College of Engineering

Year: 2022

Contact Details

Email: shajan@sctce.ac.in

Phone: 9895631048

Who is Dr. Kavilal E.G., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Kavilal E.G. is an Assistant Professor in the Department of Mechanical Engineering and a permanent faculty member at Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram. He joined the institution on January 24, 2008.

Qualifications

Ph.D. in Automotive Supply Chain

National Institute of Technology (NIT), Trichy

Year: 2017

M.Tech in Industrial Engineering

University of Kerala

Year: 2005

B.Tech in Mechanical Stream Automobile

University of Kerala

Year: 2001

Publications

Published the paper "An integrated interpretive structural modeling and a graph-theoretic approach for measuring the supply chain complexity in the Indian automotive industry" in an international journal with an impact factor greater than 2.5 during the academic year 2017–18.

Contact Details

Email: kavilal2001@sctce.ac.in

Phone: 8914247259

Who is Dr. Sumesh C.K., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Sumesh C.K. is an Assistant Professor in the Department of Mechanical Engineering and a permanent faculty member at Sree Chitra Thirunal College of Engineering. He has been serving in this role since July 18, 2008.

Qualifications

B.Tech in Mechanical Engineering

Cochin University of Science and Technology (CUSAT)

Year: 2003

M.Tech in Thermal Science

University of Kerala

Year: 2006

Publications

Dr. Sumesh has made significant contributions to research in aerodynamic noise and airfoil acoustics, including:

International Journal Papers

"Aerodynamic noise from an asymmetric airfoil with perforated extension plates at the trailing edge" (Impact factor: 1.5–2, 2020–21)

“Aerodynamic Noise Characteristics of a Thin Airfoil with Line Distribution of Holes Adjacent to the Trailing Edge” (Impact factor: 1.5–2, 2019–20)

International Conferences

“Effect of Solid and Perforated Extension on Trailing Edge Noise of Airfoil” (2019–20)

“Acoustic Characteristics of Wavy Trailing Edged NACA 0012 Airfoil” (2019–20)

“Experimental Investigation of Effect of Airfoil Thickness on Aeroacoustic Characteristics of Symmetric Airfoils” (2018–19)

“Flow Induced Noise Studies on a Porous Trailing Surface of a Flat Plate” (2017–18)

National Conferences

“Trailing Edge Noise Characterization of Airfoil with Perforated Trailing Edge Extensions” (2019 20)

“Flow and Acoustic Characteristics of NACA 0012 Airfoil” (2018–19)

“Noise Characterisation of NACA0018 airfoil” (2017–18)

Contact Details

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Who is Dr. Jayakumar E., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Jayakumar E. is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering. He has been a permanent faculty member since July 18, 2008.

Qualifications

B.Tech in Mechanical Engineering

University of Kerala

Year: 1994

M.Tech in Mechanical Engineering (Propulsion Engineering)

University of Kerala

Year: 2000

Ph.D. in Metallurgy and Materials Engineering

Faculty of Technology, Cochin University of Science and Technology (CUSAT)

Year: 2017

Contact Details

Email: jayakumar@sctce.ac.in

Phone: 9495070799

Who is Dr. Arun M., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Arun M. is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering. He has been a permanent faculty member since October 1, 2009.

Qualifications

B.Tech in Mechanical Engineering

Kannur University

Year: 2001

M.Tech in Industrial Refrigeration and Cryogenic Engineering

University of Kerala

Year: 2009

Ph.D. in Mechanical Engineering

University of Kerala

Year: 2020

Publications

Presented and published research work in International Conferences (2015-16, 2017-18, 2018 19, 2019-20).

Published International Journal Papers with an impact factor of 1.5-2 (2016-17, 2017-18).

Presented research in National Conferences (2016-17, 2018-19).

Contact Details

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Phone: 9447860379

Who is Dr. Sanukrishna S.S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Sanukrishna S.S. is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, where he has been a permanent faculty member since June 12, 2012.

Qualifications

B.Tech in Mechanical Engineering

University of Kerala

Year: 2003

M.Tech in Industrial Refrigeration and Cryogenics

University of Kerala / TKM College of Engineering

Year: 2008

Ph.D. in Mechanical Engineering

University of Kerala / TKM College of Engineering

Year: 2020

Experience

Dr. Sanukrishna has worked in academia and the industry, including roles at:

Who is Dr. Sanukrishna S.S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Alloys Engineers Pvt. Ltd.

Sree Buddha College of Engineering

Bishop Jerome Institute

Sree Chitra Thirunal College of Engineering

Publications

Dr. Sanukrishna has made significant contributions to research, with notable publications:

International Journal Papers:

Papers with impact factors >2.5 on topics such as nanolubricants, refrigeration systems, and thermophysical properties (2017-19).

Papers with impact factors 1.5-2, including recent studies on graphene-polyalkylene glycol nanolubricants (2021-24).

International Conferences:

Research on energy conservation and heat transfer characteristics in refrigeration systems (2017-23).

Research Interests

Dr. Sanukrishna specializes in energy-efficient refrigeration systems, nanorefrigerants, and the thermal, rheological, and tribological properties of materials.

#### Contact Details

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Phone: 9447741198

Who is Dr. Kamal Krishna R., and what are his qualifications and teaching experiences in the field of Mechanical Engineering? Dr.

Kamal Krishna R. is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, where he has been a permanent faculty member since June 12, 2012. Qualifications B.Tech in Mechanical (Automobile) Engineering Kerala University / SCT College of Engineering Year: 2007 M.Tech in Machine Design Kerala University / College of Engineering, Trivandrum Year: 2009 Ph.D. in Fluid Structure Interaction Kerala Technological University / College of Engineering, Trivandrum Year: 2021 Experience SCT College of Engineering: Assistant Professor in the Department of Mechanical Engineering since July 2012. Marian Engineering College: Assistant Professor in the Department of Mechanical Engineering for three years. Publications Dr. Kamal Krishna has contributed to multiple research areas with publications in: International Conferences: Regular participation with presentations in 2019-22. International Journal Papers: Papers with impact factors between 1.5-2 (2020-22). Papers with impact factors <1.5 (2020-21).

National Conferences: Research contributions presented in 2021-22.

Research Interests:

Dr. Kamal Krishna specializes in fluid-structure interaction, machine design, and mechanical systems analysis, with a focus on academic and practical applications.

Contact Details:

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Phone: 9496365669

Who is Dr. Abhilash S.S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Abhilash S.S. is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, where he has been a permanent faculty member since June 13, 2012. Qualifications B.Tech in Mechanical Engineering SCT College of Engineering Year: 2008 M.Tech in Manufacturing Technology NIT Calicut Year: 2010 Ph.D. in Production Engineering NIT Trichy Year: 2021 Experience Dr. Abhilash has been an Assistant Professor at SCT College of Engineering since June 2012, contributing significantly to the academic environment and research. Dr. Abhilash has published several research papers in journals and conferences: International Journal Papers: Papers with impact factors >2.5 on topics such as rice husk particles' influence on composite materials and natural fiber-reinforced composites (2021-22). Papers with impact factors <1.5 on subjects like rotomolded polyethylene and fiber-reinforced composites (2020-21). Papers with impact factors 1.5-2 related to bamboo fiber-reinforced materials (2019-20).

International Conferences:

Numerous contributions on topics like tribological behavior of lubricants and wire electrical discharge machining optimization (2018-19 to 2020-21).

National Conferences:

Research on infrared studies and assistive devices in 2015-16.

Research Interests:

Dr. Abhilash focuses on composite materials, manufacturing technologies, and the development of assistive devices, with a particular emphasis on rotational molding, fiber-reinforced composites, and tribological behaviors.

#### Contact Details

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Phone: 9447537887

Who is Dr. Anoop M.S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Anoop M.S. is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, where he has been serving as a permanent faculty member since June 14, 2012.

#### Qualifications

B.Tech in Mechanical Stream Production Engineering University of Kerala

Year: 2006

M.Tech in Mechanical Engineering (Machine Design) University of Kerala

Year: 2010

Ph.D. in Engineering National Institute of Technology, Thiruchirappalli

Year: 2021

#### Experience

Dr. Anoop has a diverse teaching and research background, including the following positions:

Lecturer in Mechanical Engineering at Mohandas College of Engineering.

Assistant Professor in Mechanical Engineering at Marian Engineering College.

Assistant Professor in Mechanical Engineering at Sree Chitra Thirunal College of Engineering (since 2012).

Research Scholar at the National Institute of Technology Thiruchirappalli.

#### Publications

Dr. Anoop has contributed to various international conferences and journals:

International Journal Papers:

Papers with impact factors >2.5 and 1.5-2 on various topics in mechanical engineering (2020-21).

Papers with impact factor <1.5 (2020-21).

International Conferences:

Presentations and papers in conferences across several years (2015-2022).

#### Research Interests

Dr. Anoop's research interests include machine design, production engineering, and advanced topics in mechanical engineering, which he has explored through his publications and academic work.

#### Contact Details

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Phone: 9496814506

Who is Sigikumar T.S., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Sigikumar T.S. is an Assistant Professor in the Department of Mechanical Engineering at SCT College of Engineering, where he has been serving as a permanent faculty member since June 14, 2020.

#### Qualifications

M.Tech in Mechanical Engineering

Kerala University / TKM College of Engineering

Year: 2010

Ph.D. (Pursuing) in Green Building

Kerala Technological University (KTU) / TKM College of Engineering

Year: 2020 (ongoing)

Experience

Sigikumar has 11 years of teaching experience and has worked at various institutions, including:

Valia Koonambai Kulathamma College of Engineering

English Indian Clays

Musliar College of Engineering and Technology

Publications

Sigikumar has contributed to several international conferences in the field of Mechanical Engineering:

International Conferences:

2021-22

2019-20

2018-19

Research Interests

Sigikumar is currently pursuing a Ph.D. in Green Building, which aligns with his interest in sustainable engineering and construction.

Contact Details

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Phone: 9847071059

Who is Dr. Rinusathyan, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Rinusathyan is an Assistant Professor in the Department of Mechanical Engineering at SCT College of Engineering, where he has been serving as a permanent faculty member since August 13, 2012.

Qualifications B.Tech in Mechanical (Automobile) Engineering Kerala University Year: 2005 M.Tech in Industrial Engineering and Management M.G. University Year: 2008 Ph.D. in Supply Chain

Management National Institute of Technology, Tiruchirappally Year: 2023 Experience Dr. Rinusathyan

has experience in teaching mechanical and industrial engineering courses, with a focus on supply chain management and automobile engineering. Publications Dr. Rinusathyan has contributed to

various international journals and conferences, focusing on supply chain management in the

automotive sector: International Journal Papers: Modelling the drivers of responsiveness of

automotive supply chain using an integrated fuzzy DEMATEL-ISM approach (Impact Factor 2.5) -

2021-22 A combined big data analytics and Fuzzy DEMATEL technique to improve the responsiveness

of automotive supply chains (Impact Factor >2.5) - 2020-21 Contact Details Email: rinu@sctce.ac.in

Phone: 9495392468

Who is Dr. Rajesh S.P., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Rajesh S.P. is an Assistant Professor in the Department of Mechanical Engineering at SCT College of Engineering, where he has been serving as a permanent faculty member since March 1, 2013.

Qualifications B.Tech in Mechanical (Automobile) Engineering Kerala University Year: 2001 M.Tech in

Mechatronics VIT University Year: 2004 Experience Dr. Rajesh S.P. has a diverse background, with

experience in both teaching and industry: Lecturer in Mechanical Engineering at various engineering

colleges. Design Engineer at Caliber Electro Mechanical LLC, Dubai. Assistant Professor at SCT College

of Engineering. Contact Details Email: rajeshsp@sctce.ac.in Phone: 9447401734

Who is Ameena A., and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Ameena A. is an Assistant Professor in the Department of Mechanical Engineering at SCT College of Engineering, where she has been serving as a permanent faculty member since June 4, 2014.

Qualifications B.Tech in Mechanical Production Kerala University / TKM College of Engineering, Kollam, Kerala Year: 2004 M.Tech in Industrial Refrigeration & Cryogenics Kerala University / TKM College of Engineering, Kollam, Kerala Year: 2010 Experience Ameena A. has extensive teaching experience in Mechanical Engineering: Assistant Professor at SCT College of Engineering since June 4, 2014, to the present. Two years of experience at MES Institute of Technology & Management, Chathannoor, Kollam. Two years of experience as a Lecturer at Musaliar College of Engineering, Kumbazha, Pathanamthitta. Contact Details Email: ameena@sctce.ac.in Phone: 9562657745

Who is Dr. Sreejith B.J., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Sreejith B.J. is an Assistant Professor in the Department of Mechanical Engineering at SCT College of Engineering, where he has been serving as a permanent faculty member since July 25, 2014.

Qualifications

Ph.D. in Industrial Engineering & Management

NIT Calicut

Year: 2020

M.Tech. in Mechanical Engineering

NIT Calicut

Year: 2006

B.Tech in Mechanical Automobile Engineering

Kerala University

Year: 2001

Experience

Dr. Sreejith B.J. has extensive academic and research experience in the field of mechanical engineering, specifically in industrial engineering and management.

Publications

Electric Vehicle Charging Station Optimization

Journal Papers, Year: 2022-23

Analysis of Supply Chain Risk Drivers in Automotive Industries Using ISM

Journal Papers, Year: 2022-23

Modelling and Comparison of Three-Echelon Production-Inventory Supply Chain Models for a Deteriorating Product with and without Backlogging

International Journal papers with impact factor <1.5, Year: 2020-21

Contact Details

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Phone: 9447101133

Who is Dr. Shimi Lawrence, and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Shimi Lawrence is a Professor in the Department of Mechanical Engineering at SCT College of Engineering, where she has been serving as a permanent faculty member since January 13, 1997.

Qualifications

Ph.D. in Applied Mechanics Engineering Education

Madras University

Year: 2016

M.Tech. in Applied Mechanics

IIT Madras

Year: 2007

B.Tech in Civil Engineering

College of Engineering, Trivandrum / Kerala University

Year: 1995

Experience

Dr. Shimi Lawrence has extensive teaching experience in the field of mechanical and civil engineering, with a particular focus on applied mechanics. She has been contributing to the academic environment for over two decades.

Contact Details

Email: shimi@sctce.ac.in

Phone: 9495627711

Who is Bindhu Bernard, and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Bindhu Bernard is an Assistant Professor in the Department of Civil Engineering at SCT College of Engineering, where she has been serving as a permanent faculty member since February 11, 2008.

Qualifications

B.Tech in Civil Engineering

Mahatma Gandhi University

Year: 1997

M.Tech. in Traffic and Transportation Engineering

University of Kerala

Year: 2008

Experience

Bindhu Bernard has experience in the civil engineering field, with a brief tenure as the Assistant Director at DRIQ, PWD, Thiruvananthapuram for 6 months.

Contact Details

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Phone: 9447657646

Who is Nayanjyoti Baishya, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Nayanjyoti Baishya is an Assistant Professor (Adhoc) in the Department of Mechanical Engineering at SCT College of Engineering, Thiruvananthapuram. He joined the institution on August 24, 2023.

Qualifications

Ph.D. in Mechanical Engineering

IIT (ISM), Dhanbad, Jharkhand

Year: 2023

M.E. in Computer Aided Analysis and Design

BIT Mesra, Ranchi, Jharkhand

Year: 2009



B.E. in Mechanical Engineering

Dibrugarh University, Assam

Year: 2006

Teaching Experience

Assistant Professor

College of Engineering, Bhubaneswar, Odisha

From 2013 to 2019

Assistant Professor

Nalanda Institute of Technology, Bhubaneswar, Odisha

From 2010 to 2013

Senior Lecturer

Synergy Institute of Engineering Technology, Dhenkanal, Odisha

From 2008 to 2010

Publications

Finite element based interfacial failure analysis of PVC and laminated FRP composite pipe socket joints subjected to internal pressure

Category: International Journal Papers with impact factor >2.5

Year: 2022-23

Failure analysis of adhesively bonded tubular joints of laminated FRP composites subjected to combined internal pressure and torsional loading

Category: International Journal papers with impact factor 2-2.5

Year: 2016-17

Analysis of Bonded Tubular Single Lap Joints Subjected to Varying Pressure at Constant Torsion

Category: Conferences Proceeding

Year: 2016-17

Failure analysis of bonded composite pipe joints subjected to internal pressure and axial loading

Category: Conferences Proceeding

Year: 2016-17

Fluid-structure interaction based adhesion failure analysis of bonded tubular socket joints

Category: Conferences Proceeding

Year: 2016-17

Effects of delamination on the vibration characteristics of composite beams

Category: International Journal papers with impact factor <1.5

Year: 2015-16

Contact Details

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Phone: 9776357930

Who is V. Alfred Franklin, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

V. Alfred Franklin is an Assistant Professor (Adhoc) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 24, 2023.

Qualifications

Ph.D. in Mechanical Engineering

Anna University

Year: 2015

M.E. in Computer Aided Design/Mechanical

Anna University

Year: 2005

B.E. in Mechanical Engineering

Manonmaniam Sundaranar University

Year: 1998

Publications

Interlaminar Fracture Toughness Estimation of Aerospace Composites by Weighted Residual Approach

Category: International Journal papers with impact factor <1.5

Year: 2015-16

Contact Details

Email: frank\_vin@yahoo.com

Phone: 9965370082

Who is Carishma P, and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Carishma P is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. She joined the institution on August 24, 2023.

Qualifications

B.Tech in Mechanical Production Engineering

SCT College of Engineering (SCTCE)

Year: 2017

M.Tech in Machine Design

SCT College of Engineering (SCTCE)

Year: 2019

Teaching Experience

Assistant Professor (Guest)

Muslim Association College of Engineering

Duration: March 2020 - March 2021

Assistant Professor

ACE College of Engineering

Duration: April 2021 - September 2023

Contact Details

Email: carishma1995@gmail.com

Phone: 9495074211

Who is Suraj Raj, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Suraj Raj is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 26, 2023.

Qualifications

M.Tech in Thermal Science (Mechanical Engineering)

College of Engineering Trivandrum, University of Kerala

Year: 2016

B.Tech in Mechanical Engineering

Mahatma Gandhi University, Kottayam

Year: 2013

Teaching Experience

Assistant Professor

Al Azhar College of Engineering and Technology  
Duration: 1 year and 5 months  
Assistant Professor  
St. Thomas College of Engineering and Technology  
Duration: 1 year and 7 months  
Guest Faculty (Part-time Evening Batch)  
College of Engineering Trivandrum  
Duration: 6 months  
Contact Details  
Email: surajofficial06@gmail.com  
Phone: 9995512588

Who is Akshai Raj, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Akshai Raj is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 26, 2023.

Qualifications

M.Tech in Thermal Engineering  
Cochin University of Science and Technology (CUSAT)  
Year: 2023

B.Tech in Mechanical Engineering  
TKM College of Engineering (TKMCE)  
Year: 2020

Contact Details  
Email: rajkurup93@gmail.com  
Phone: 8848043493

Who is Dr. Jojith Radhakrishnan, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Jojith Radhakrishnan is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 25, 2023.

Qualifications

Ph.D. in Mechanical Engineering  
Amrita Vishwa Vidyapeetham University  
Year: 2023

M.Tech in Automotive Engineering  
Amrita Vishwa Vidyapeetham University  
Year: 2017

B.Tech in Mechanical Engineering  
Cochin University of Science and Technology  
Year: 2014

Publications

Mechanical property analysis and tribological response optimization of SiC and MoS<sub>2</sub> reinforced hybrid aluminum functionally graded composite through Taguchi's DOE

International Journal Papers with impact factor >2.5 (2023-24)

Reciprocating Wear Behavioural Analysis of Heat-treated Aluminium ZrO<sub>2</sub>/Al<sub>7</sub>Si<sub>0.3</sub>Mg

Functionally Graded Composite Through Taguchi's Optimization Method

International Journal Papers with impact factor >2.5 (2022-23)

#### Contact Details

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Phone: 8547252114

Who is Jithu Jayaraj, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Jithu Jayaraj is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 25, 2023.

#### Qualifications

B.Tech in Mechanical Engineering

Kerala University

Year: 2012

M.Tech in Materials Engineering

NITK, Surathkal

Year: 2015

#### Research Experience

7 years of research experience in the field of Mechanical Engineering.

#### Positions Held

Project Assistant I, II, III

Project Associate I

CSIR-Senior Research Fellow

#### Contact Details

Email: [jithu.karthi@gmail.com](mailto:jithu.karthi@gmail.com)

Phone: 9037022045

Who is Neeraj Padman U, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Neeraj Padman U is an Assistant Professor (Guest) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 27, 2024.

#### Qualifications

M.Tech in Propulsion Engineering

College of Engineering, Trivandrum

Year: 2016

#### Teaching Experience

Adhoc Assistant Professor (2013-2014)

Government Engineering College (GEC) Kozhikode

Gate Tutor (Freelance, 2016-2020)

Assisted students preparing for the GATE exam

Civil Service Tutor (Freelance, 2021-2023)

Provided tutoring for civil service aspirants

#### Contact Details

Email: [neerajpadman@gmail.com](mailto:neerajpadman@gmail.com)

Phone: 9947232601

Who is Jibin T Isaac, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Jibin T Isaac is an Assistant Professor (Guest) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on September 2, 2024.

#### Qualifications

M.Tech in Machine Design  
Kerala Technological University (KTU)  
Year: 2019  
B.Tech in Mechanical Engineering  
Kerala University  
Year: 2016  
Teaching Experience  
Lecturer in Mechanical Engineering  
Rajadhani Polytechnic College, Trivandrum  
From April 4, 2022, to April 22, 2024  
Assistant Locopilot  
Indian Railways, Erode  
From August 26, 2020, to March 31, 2022  
Contact Details  
Email: jbintisaac@gmail.com  
Phone: 9567643801

Who is Deepa S., and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Deepa S. is an Assistant Professor (Adhoc) in the Department of Mechanical Engineering at SCT College of Engineering. She joined the institution on July 20, 2017.

Qualifications

B.Tech in Industrial Engineering  
Kerala University, College of Engineering Trivandrum (CET)  
Year: 2003

M.Tech in Manufacturing Engineering  
Anna University  
Year: 2014

Teaching Experience

Deepa S. has 12 years of teaching experience in the field of Mechanical Engineering.

Contact Details

Email: deepakrishnan72@gmail.com  
Phone: 9995082887

Who is Suraj Raj, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Suraj Raj is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 26, 2023. Qualifications M.Tech in Thermal Science (Mechanical Engineering) College of Engineering Trivandrum, University of Kerala Year: 2016 B.Tech in Mechanical Engineering Mahatma Gandhi University, Kottayam Year: 2013 Teaching Experience Assistant Professor Al Azhar College of Engineering and Technology Duration: 1 year and 5 months Assistant Professor St. Thomas College of Engineering and Technology Duration: 1 year and 7 months Guest Faculty (Part-time Evening Batch) College of Engineering Trivandrum Duration: 6 months Contact Details Email: surajofficial06@gmail.com Phone: 9995512588

Who is Akshai Raj, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Akshai Raj is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 26, 2023. Qualifications M.Tech in Thermal Engineering Cochin University of Science and Technology (CUSAT) Year: 2023 B.Tech in Mechanical Engineering TKM College of Engineering (TKMCE) Year: 2020 Contact Details Email: rajkurup93@gmail.com Phone: 8848043493

Who is Dr. Jojith Radhakrishnan, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Dr. Jojith Radhakrishnan is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 25, 2023. Qualifications Ph.D. in Mechanical Engineering Amrita Vishwa Vidyapeetham University Year: 2023 M.Tech in Automotive Engineering Amrita Vishwa Vidyapeetham University Year: 2017 B.Tech in Mechanical Engineering Cochin University of Science and Technology Year: 2014 Publications Mechanical property analysis and tribological response optimization of SiC and MoS<sub>2</sub> reinforced hybrid aluminum functionally graded composite through Taguchi's DOE International Journal Papers with impact factor >2.5 (2023-24) Reciprocating Wear Behavioural Analysis of Heat-treated Aluminium ZrO<sub>2</sub>/Al<sub>7</sub>Si<sub>0.3</sub>Mg Functionally Graded Composite Through Taguchi's Optimization Method International Journal Papers with impact factor >2.5 (2022-23) Contact Details Email: jojith.rkn@live.com Phone: 8547252114

Who is Jithu Jayaraj, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Jithu Jayaraj is an Assistant Professor (Contract) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 25, 2023. Qualifications B.Tech in Mechanical Engineering Kerala University Year: 2012 M.Tech in Materials Engineering NITK, Surathkal Year: 2015 Research Experience 7 years of research experience in the field of Mechanical Engineering. Positions Held Project Assistant I, II, III Project Associate I CSIR-Senior Research Fellow Contact Details Email: jithu.karthi@gmail.com Phone: 9037022045

Who is Neeraj Padman U, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Neeraj Padman U is an Assistant Professor (Guest) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on August 27, 2024. Qualifications M.Tech in Propulsion Engineering College of Engineering, Trivandrum Year: 2016 Teaching Experience Adhoc Assistant Professor (2013-2014) Government Engineering College (GEC) Kozhikode Gate Tutor (Freelance, 2016-2020) Assisted students preparing for the GATE exam Civil Service Tutor (Freelance, 2021-2023) Provided tutoring for civil service aspirants Contact Details Email: neerajpadman@gmail.com Phone: 9947232601

Who is Jibin T Isaac, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Jibin T Isaac is an Assistant Professor (Guest) in the Department of Mechanical Engineering at SCT College of Engineering. He joined the institution on September 2, 2024. Qualifications M.Tech in Machine Design Kerala Technological University (KTU) Year: 2019 B.Tech in Mechanical Engineering Kerala University Year: 2016 Teaching Experience Lecturer in Mechanical Engineering Rajadhani Polytechnic College, Trivandrum From April 4, 2022, to April 22, 2024 Assistant Locopilot Indian Railways, Erode From August 26, 2020, to March 31, 2022 Contact Details Email: jbintisaac@gmail.com Phone: 9567643801

Who is Deepa S., and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Deepa S. is an Assistant Professor (Adhoc) in the Department of Mechanical Engineering at SCT College of Engineering. She joined the institution on July 20, 2017. Qualifications B.Tech in Industrial Engineering Kerala University, College of Engineering Trivandrum (CET) Year: 2003 M.Tech in Manufacturing Engineering Anna University Year: 2014 Teaching Experience Deepa S. has 12 years of teaching experience in the field of Mechanical Engineering. Contact Details Email: deepakrishnan72@gmail.com Phone: 9995082887

Who is Amal Raj B., and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Amal Raj B. is an Assistant Professor (Adhoc) in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on August 1, 2019. Qualifications B.Tech in Mechanical Engineering University of Kerala Year: 2014 M.Tech in Machine Design APJ Abdul Kalam Technological University, Kerala Year: 2017 Teaching Experience Amal Raj B. has previously worked as an Assistant Professor (M.E) at Lourdes Matha College of Science & Technology. He has been serving as an Assistant Professor (Adhoc) in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering. Contact Details Email: amalrajb92@gmail.com Phone: 8590249924

Who is Allwin Rana J R, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Allwin Rana J R is an Assistant Professor (Guest) in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on

December 8, 2021. Qualifications B.Tech in Mechanical Engineering Mohandas College of Engineering & Technology Year: 2014 M.Tech in Industrial Engineering College of Engineering, Trivandrum Year: 2016 Teaching Experience Allwin Rana J R has previously worked as an Assistant Professor (Ad-hoc) at Government Engineering College, Wayanad, for a period of 1 year and 3 months. Contact Details Email: allwin.rana@gmail.com Phone: 7012449057

Who is Karthik Narayanan, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Karthik Narayanan is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on February 14, 2022. Qualifications B.Tech in Mechanical Engineering College of Engineering Trivandrum Year: 2015 M.Tech in Machine Design College of Engineering Trivandrum Year: 2018 Teaching Experience Karthik Narayanan has 3 years of experience as an Assistant Professor. Contact Details Email: karthiknryn@gmail.com Phone: 6282785937

Who is Joshy R S, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Joshy R S is the Workshop Superintendent in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on January 12, 2022. Qualifications M.Tech in Industrial Engineering University of Kerala Year: 2017 Professional Experience Joshy R S has 32 years of experience in the technical education department, having worked in various capacities across different institutions. He has served as a Workshop Instructor, THS Superintendent, Lecturer in Mechanical Engineering in several polytechnic colleges, and an I Grade Instructor in Engineering colleges. He has also held the position of Head of Department (HOD) in various polytechnic colleges. Joshy R S has experience as a Special Officer in Work Experience in DPI Thiruvananthapuram. Contact Details Email: joshys45@gmail.com Phone: 9447450449

Who is Aakash M, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Aakash M is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on October 6, 2022. Qualifications BE in Mechanical Engineering Anna University, Coimbatore Year: 2005 M.Tech in Computer Integrated Manufacturing Kerala University Year: 2014 Professional Experience Aakash M has one year of teaching experience at SNIT Adoor. He has also had one semester of teaching experience at TKM College of Engineering (TKMCE). Contact Details Email: aakashmini@gmail.com Phone: 9947086986

Who is Nidhun Mohan, and what are his qualifications and teaching experiences in the field of Mechanical Engineering?

Nidhun Mohan is an Assistant Professor in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on October 26, 2022. Qualifications ME in Computer Integrated Manufacturing Noorul Islam Centre for Higher Education Year: 2021 B.Tech in Mechanical Engineering Pankajakasthuri College of



Engineering and Technology (PANKAJAKASTHURI CET) Year: 2015 Professional Experience  
Nidhun Mohan worked as a Project Associate at CSIR-NIIST, Pappanamcode from 2021 to 2022. Contact Details Email: nid.nidhun@gmail.com Phone: 9497603164

Who is Jaya R, and what are her qualifications and teaching experiences in the field of Mechanical Engineering?

Jaya R is an Assistant Professor (Ad-hoc) in the Department of Mechanical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on October 28, 2022. Qualifications ME in Manufacturing Engineering Anna University Year: 2012 B.Tech in Industrial Engineering College of Engineering Trivandrum (CET) Year: 2004 Professional Experience Jaya R has 8 years of teaching experience in the field of Mechanical Engineering. Contact Details Email: jayamohan83@gmail.com Phone: 9946890987

When was the Department of Electronics and Communication Engineering established?

The Department of Electronics and Communication Engineering was established in the year 1995.

When did the Electronics and Communication department start offering two B.Tech batches, and what is the current annual intake for the undergraduate programme?

The department started offering two B.Tech batches in 2001. The current annual intake for the undergraduate programme is 120 students.

What minors and honours degrees does the Department of Electronics and Communication Engineering offer?

The department offers minors in Artificial Intelligence and Mechatronics, enabling students to earn a B.Tech degree in Electronics and Communication Engineering with a minor in the specified course. It also offers an Honours degree in Electronics and Communication Engineering.

When was the postgraduate programme (M.Tech) in Signal Processing introduced by the Department of Electronics and Communication, and what is its annual intake?

The postgraduate programme (M.Tech) in Signal Processing was introduced in 2011, with an annual intake of 18 students.

When did the Electronics and Communication department become an approved research centre under APJ Abdul Kalam Technological University, and what research areas are being explored?

The department became an approved research centre under APJ Abdul Kalam Technological University in 2016. Research areas include holographic storage systems, optical communication, optical fiber sensors, nanomaterials and devices, machine learning, secure communication and data processing, wireless communication, and biomedical signal processing

What laboratories and innovation centres have been set up by the department using plan funds from the Government of Kerala?

Nanoelectronics and Materials Research Lab: Set up in 2021–22 with a Rs. 1 Crore plan fund. Innovation Centre for IoT and Wireless Communication: Set up in 2022–23 with a Rs. 1 Crore plan fund. Innovation Centre for Biomedical Research: Planned for 2023–24 with a Rs. 1 Crore plan fund. Robotics and Machine Learning Lab: Planned for 2023–24 with a Rs. 1 Crore plan fund.

What is the focus of the Department of Electronics and Communication Engineering?

The focus of the department is to produce graduates and post-graduates with strong fundamentals in electronics and communication, along with knowledge of the latest industry technologies. This prepares them to meet challenges in the field and excel in postgraduate studies or corporate roles.

What is the accreditation status of the B.Tech programme in Electronics and Communication Engineering?

The B.Tech programme in Electronics and Communication Engineering has accreditation until 2025.

What achievements has the Department of Electronics and Communication Engineering accomplished in university examinations and student placements?

The department has consistently produced university toppers, and the majority of final-year students are recruited by leading organizations each year.

What are the Electronics and Communication department's initiatives to enhance entrepreneurial skills and industry exposure for students?

The department enhances entrepreneurial skills and industry exposure through: Encouraging students to undertake final-year projects, training, and internships in collaboration with industries. Organizing expert talks by industry professionals on modern technologies and research advancements. Establishing MoUs with various companies to provide better industrial exposure.

What is the vision of the Department of Electronics and Communication Engineering?

The vision of the Department of Electronics and Communication Engineering is to be a center of quality education and research in the field of Electronics and Communication Engineering, aimed at molding socially responsible engineering professionals.

What are the missions of the Department of Electronics and Communication Engineering?

The missions of the Department of Electronics and Communication Engineering are: To provide quality education ensuring a systematic teaching-learning process. To impart value-based education to prepare students to become socially committed engineering professionals.

What are the Program Educational Objectives (PEOs) of the Department of Electronics and Communication Engineering?

The Program Educational Objectives (PEOs) are: Pursue higher education and research, motivated by lifelong learning (Knowledge). Engage in the design, development, and testing of

systems in the field of Electronics and Communication Engineering (Professional Competence). Work as competent engineers in a team involving core or interdisciplinary projects (Interpersonal Skill). Use engineering skills to adapt technology for the betterment of society (Entrepreneurship).

What are the Program Specific Outcomes (PSOs) of the Department of Electronics and Communication Engineering?

The Program Specific Outcomes (PSOs) are: Ability to acquire and update principles and techniques in Electronics and Communication Engineering for the analysis of engineering problems. Ability to design and implement engineering solutions in Electronics and Communication Engineering with technical knowledge and an understanding of social, economic, environmental, and ethical aspects. Ability to communicate effectively and develop interpersonal skills in multidisciplinary areas, adhering to professional ethics in diverse engineering fields.

Who are the Professors in the Department of Electronics and Communication Engineering?

Dr. Libish T M

Dr. Sheeja M K

Who are the Associate Professors in the Department of Electronics and Communication Engineering?

Dr. Nisha Jose K

Sajithsethu P

Salim Paul

Dr. George M Joseph

Deepa A K

Sandhya L

Bindu V

Dr. Smitha P S

Who are the Assistant Professors in the Department of Electronics and Communication Engineering?

Asha S

Subha V

Sajeer M

Dr. Lakshmi V S

Kumar G S

Dr. Renjith R J

Dr. Nelwin Raj N R

Aparna P R

Preetha V H

Dr. Jisu Elsa Jacob

Dr. Anchana P Belmon

Dr. Aswathy Madhu

Hitha P S  
Smita Damodaran  
Anila Mol H  
Divya Harikumar

Who is the Head of the Department (HOD) of Electronics and Communication Engineering, and what are their qualifications and experience?

The Head of the Department (HOD) of Electronics and Communication Engineering is Dr. Nisha Jose K, who holds the position of Associate Professor. She has been a permanent faculty member in the department since January 1, 2001. Dr. Nisha Jose K can be reached via email at [nisha@sctce.ac.in](mailto:nisha@sctce.ac.in) or by phone at 9446149873. She completed her B.Tech in Electronics and Communication from the University of Kerala in 1999 and pursued her M.Tech in Electronics and Communication (Microwave and TV Engineering) from the same university, graduating in 2007. In 2021, she earned her Ph.D. in RF MEMS from the Faculty of Engineering and Technology, University of Kerala. With her extensive academic background and long-standing association with the department, she plays a pivotal role in its growth and development.

Who is Dr. Libish T M, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Libish T M is a Professor in the Electronics and Communication Engineering department at SCTCE. He has been a permanent faculty member at the institute since January 1, 2001, and has made significant contributions to the field of Electronics and Communication Engineering. Academic Qualifications Ph.D. in Opto Electronics, Cochin University, 2015 M.Tech. in Opto Electronics and Laser Technology, Cochin University, 2005 B.Tech. in Electronics and Communication, University of Kerala, 1999 Experience Dr. Libish has been with SCTCE since January 1, 2001, and continues to serve in a permanent role, contributing to both teaching and research in the department. His expertise in Opto Electronics and Laser Technology has influenced the academic and research activities within the department. Email: [libish@sctce.ac.in](mailto:libish@sctce.ac.in) Phone: 9447324665

Who is Dr. Sheeja M K, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Sheeja M K is a Professor in the Electronics and Communication Engineering department at SCTCE. She has been a permanent faculty member since January 20, 1999, and has extensive experience in teaching and research in the field of Electronics and Communication Engineering. Academic Qualifications Ph.D. in Engineering and Technology, Kerala University, 2010 M.Tech. in Applied Electronics and Instrumentation, University of Kerala, 2003 B.Tech. in Electronics and Communication, University of Kerala, 1994 Experience Dr. Sheeja has been with SCTCE for over two decades and has previously worked for 3.5 years at the College of Engineering Chengannoor. Her research and academic contributions have helped shape the educational landscape within the department. Email: [sheejamk@sctce.ac.in](mailto:sheejamk@sctce.ac.in) Phone: 9446484206

Who is Sajith Sethu P, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Sajith Sethu P is an Associate Professor in the Electronics and Communication Engineering department at SCTCE. He has been a permanent faculty member since January 1, 2001, and has played a significant role in the academic development of the department. Academic Qualifications M.Tech. in Electronics & Communication Engineering, University of Kerala, 2006 Experience Sajith Sethu has been serving in the Electronics and Communication Engineering department at SCTCE for over two decades, contributing to both teaching and research in the field. Email: pss@sctce.ac.in Phone: 9497165348

Who is Salim Paul, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Salim Paul is an Associate Professor in the Electronics and Communication Engineering department at SCTCE. He has been a permanent faculty member since March 8, 2001, and has contributed to the academic and research growth of the department over the years. Academic Qualifications M.Tech. in OptoElectronics and Optical Communication, University of Kerala, 2006 B.Tech. in Electronics and Communication Engineering, Kerala University, 1994 Experience Salim Paul has been with SCTCE since 2001, bringing valuable expertise in OptoElectronics and Optical Communication to the classroom and research projects in the department. Email: salimpaul@sctce.ac.in Phone: 9496208266

Who is Dr. George M Joseph, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Dr. George M Joseph is an Associate Professor in the Electronics and Communication Engineering department at SCT College of Engineering. He has been a permanent faculty member since October 10, 2001, and has made significant contributions to both teaching and research in the field. Academic Qualifications Ph.D. in Engineering and Technology, University of Kerala, 2022 M.Tech. in Electronic Design Technology, National Institute of Technology Calicut, 2007 B.Tech. in Electronics and Communication, Bharathi Dasan University, Trichy, 1998 Plus Two (First Group, Pre Degree), Mahatma Gandhi University, 1991 Experience Dr. George began his career as a Lecturer at Model Polytechnic, Kottayam, from 1998 to 2001, before joining SCT College of Engineering in 2001. With extensive academic and teaching experience, he has contributed to the department's growth through his research and expertise in electronic design technology. Email: georgejoseph@sctce.ac.in Phone: 9847542910

Who is Deepa A K, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Deepa A K is an Associate Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been a permanent faculty member at the institution since February 8, 1999, and has contributed significantly to the academic environment. Academic Qualifications M.Tech. in Electronics and Communication, University of Kerala, 2005 B.Tech. in Electronics and Communication Engineering, University of Kerala, 1995 Experience Deepa A K has been a dedicated faculty member of SCT College of Engineering since 1999, teaching and guiding students in the field of Electronics and Communication Engineering. Her strong academic background and experience in the field have helped shape the educational standards in the department. Email: deepa@sctce.ac.in Phone: 9497336411

Who is Sandhya L, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Sandhya L is an Associate Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been with the college since January 2, 2002, and currently serves as an Associate Professor, contributing to the growth and development of the department. Academic Qualifications M.Tech. in VLSI & Embedded Systems, Cochin University of Science and Technology (CUSAT), 2009 B.Tech. in Electronics and Communication Engineering, Bharathiar University, 1999 Experience Sandhya L has had a long and dedicated career at SCT College of Engineering. She started as a Lecturer in 2002, later became an Assistant Professor in 2008, and has been serving as an Associate Professor since 2016. Her extensive experience in both teaching and research has significantly contributed to the department's academic achievements. Email: sandhyal@sctce.ac.in Phone: 9388414820

Who is Bindu V, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Bindu V is an Associate Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been with the college since December 5, 2005, and has contributed extensively to the development of the department through her teaching and research work. Academic Qualifications Ph.D. in Network Security, Kerala University M.Tech. in Microwave Engineering & TV, University of Kerala, 2009 B.Tech. in Electronics & Communication Engineering, Mahatma Gandhi University, Kottayam, 1996 Experience Bindu V has had a diverse career at SCT College of Engineering, starting as a Guest Lecturer, later progressing to Lecturer, Assistant Professor, and now serving as an Associate Professor. Her experience spans over multiple years of dedication and commitment to the academic and research growth of the department, particularly in the fields of microwave engineering and network security. Email: binduv@sctce.ac.in Phone: 9447554085

Who is Dr. Smitha P S, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Smitha P S is an Associate Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been with the institution since December 8, 2003, and has an extensive background in both teaching and research within the field of Electronics and Communication Engineering. Academic Qualifications Ph.D. in Electronics and Communication Engineering, APJ Abdul Kalam Technological University/College of Engineering Trivandrum, 2020 M.Tech. in Communication Engineering, National Institute of Technology Karnataka, Surathkal, 2011 B.Tech. in Electronics and Communication Engineering, University of Kerala/SCT College of Engineering, 2002 Plus Two in First Group (Pre Degree), University of Kerala, 1998 SSLC in All Subjects, Board of Public Examination, 1996 Experience Dr. Smitha P S has been serving in various academic roles at SCT College of Engineering, starting as a Lecturer on a contract basis and later as a Guest Lecturer. She has been an Assistant Professor since December 5, 2005, and has steadily risen to her current role as Associate Professor, where she continues to contribute to the field of Electronics and Communication Engineering

through both teaching and extensive research. Research Contributions Dr. Smitha has published multiple research papers in international journals and conferences. Her research work spans topics such as energy storage applications, dielectric properties, and capacitors, with several publications focusing on the electrical and dielectric properties of materials for energy storage. Notably, her contributions include work on Metal-Insulator-Metal nanocapacitors, dielectric properties of various ceramics, and video summarization techniques. Email: smitha@sctce.ac.in Phone: 9447009943

Who is Asha S, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Asha S is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been serving as a permanent faculty member since December 5, 2005, contributing to both the academic and research activities of the department. Academic Qualifications M.Tech. in Signal Processing, Kerala University, 2013 B.Tech. in Electronics and Communication, M G University, 2002 Experience Asha S has extensive experience in teaching and has been a part of SCT College of Engineering since 2005. She has played a pivotal role in shaping the academic experience for students within the Electronics and Communication Engineering department. Email: asha@sctce.ac.in Phone: 9447657274

Who is Subha V, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Subha V is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been a permanent faculty member since January 17, 2008, and has contributed significantly to the development of the department over the years. Academic Qualifications M.Tech. in Applied Electronics, PSG College of Technology, 2014 Experience Subha V has over 15 years of experience as a permanent faculty member at SCT College of Engineering, where she has been involved in teaching and mentoring students in the Electronics and Communication Engineering department. Email: subha@sctce.ac.in Phone: 9961290137

Who is Dr. Sajeer M, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Sajeer M is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering. He joined the college on January 16, 2008, and has been a permanent faculty member for over 15 years, making substantial contributions to both teaching and research in the field of Electronics and Communication Engineering. Academic Qualifications Ph.D. in Electronics and Communication Engineering, NIT Calicut, 2024 M.Tech. in Biomedical Signal Processing and Instrumentation, V.T.U, 2015 B.Tech. in Electronics and Communication Engineering, CUSAT, 2004 Experience Dr. Sajeer began his career as a Lecturer in the Electronics and Communication Engineering Department at the College of Engineering Attingal from 2006 to 2008 on a contract basis. He has been an Assistant Professor at SCT College of Engineering since 2008. Publications A robust and secured fusion-based hybrid medical image watermarking approach using RDWTDWT-MSVD with Hyperchaotic system-Fibonacci Q Matrix encryption, International Journal Papers with impact factor >2.5,

2022-23 Recent Advances in Transform and Hybrid Domain Digital Watermarking Techniques-A Survey, Book Chapters, 2021-22 Fetal Cardiac Arrhythmia Detection using enhanced Blind Source Separation Technique, Journal Papers, 2020-21 Biometric Information Security System Based On Nonlinear Encryption Scheme, Journal Papers, 2017-18 Image Encryption of Biometric Characteristics Using Chaotic System, Journal Papers, 2016-17 Statistical Analysis of Low Back Pain—A Real Global Burden, Book Chapters, 2015-16 Email: sajeer@sctce.ac.in Phone: 9946837929

Who is Dr. Lakshmi V S, and what are her qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Lakshmi V S is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering. She has been serving as a permanent faculty member since May 19, 2008, bringing a wealth of knowledge in digital systems, communication, and cloud security. Academic Qualifications Ph.D. in Electronics & Communication, NIT Calicut, 2020 M.Tech. in Digital Systems and Communication, NIT Calicut, 2008 B.Tech. in Electronics and Communication, Govt. Engineering College, BartonHill, 2004 Experience Dr. Lakshmi V S started her career as a Lecturer in the ECE department at Mohandas College of Engineering from 2005 to 2006. Since 2008, she has been an Assistant Professor in the ECE department at SCT College of Engineering. Email: lvs@sctce.ac.in Phone: 9895193140

Who is Kumar G S, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Kumar G S is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering. He has been serving as a permanent faculty member since July 4, 2008, specializing in microelectronics and VLSI design. Academic Qualifications M.Tech. in Micro Electronics & VLSI Design, NIT Calicut, 2014 Experience Kumar G S has 13 years and 8 months of experience as a faculty member in the Electronics and Communication Engineering department at SCT College of Engineering. Email: kumar@sctce.ac.in Phone: 9496811914

Who is Dr. Renjith R J, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Renjith R J is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering. He has been a permanent faculty member since June 13, 2012. Academic Qualifications Ph.D. (Pursuing) in Electronics and Communication Engineering, Anna University Experience Dr. Renjith R J has 12 years and 6 months of experience in the field of Electronics and Communication Engineering. Email: renjith\_unni2003@yahoo.co.in Phone: 9447697231

Who is Dr. Nelwin Raj N R, and what are his qualifications and experience in the field of Electronics and Communication Engineering?

Dr. Nelwin Raj N R is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering, having joined on June 21, 2013. Academic Qualifications Ph.D. in Electronics and Communication, APJ Abdul Kalam Technological



University, 2022 M.Tech. in Signal Processing, University of Kerala, 2009 B.Tech. in Electronics and Communication, University of Kerala, 2007 MBA/PGDM in Human Resource Management, IGNOU, 2014 PG Diploma in Management, IGNOU PG Diploma in Human Resource Management, IGNOU Diploma in Computer Applications, G. J. University Experience Dr. Nelwin Raj N R has worked at Bishop Jerome Institute, Kollam and Sree Chitra Thirunal College of Engineering. Email: nelwin@sctce.ac.in Phone: 8281303789

Who is Aparna P R, and what are her qualifications and contributions in the field of Electronics and Communication Engineering?

Aparna P R is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering, having joined on June 22, 2013. Academic Qualifications M.Tech. in VLSI and Embedded Systems, CUSAT, 2011 B.Tech. in Electronics and Communication Engineering, University of Kerala, 2009 Publications Image processing and machine learning approaches for the automatic diagnosis of endometrial cancer – Journal Papers, 2022-23 Recovery of low rank and sparse structure pursuit by alternative minimization – Journal Papers, 2020-21 FPGA Implementation of PWM Based Sinusoidal Drive Generation for Stepper Motor – International Conferences, 2020-21 Non-contact Heart rate measurement using KLT algorithm – International Conferences, 2018-19 Variance Based Method for Signal Separation in Ultrasonic Non-Destructive Testing – Journal Papers, 2017-18 Object detection in SAR image based on bandlet transform – Journal Papers, 2016-17 Markerpixel using Watershed Transformation – Journal Papers, 2015-16 Single Digital Image Multi-focusing Using Point to Point Blur Model Based Depth Estimation – Journal Papers, 2015-16 Email: aparna@sctce.ac.in Phone: 9447715710

Who is Preetha V H, and what are her qualifications and contributions in the field of Electronics and Communication Engineering?

Preetha V H is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering, where she has been serving since June 22, 2013. Academic Qualifications M.Tech. in Embedded Systems, Anna University, 2008 B.Tech. in Electronics and Communication, Anna University, 2006 Publications “A Review on Block-Key Point Based Copy Move Forgery Detection” – Journal Papers, 2017-18 “Gabor Filter – HOG Based Copy Move Forgery Detection” – Journal Papers, 2017-18 “A Novel Approach For Depth Image Based Rendering Using Depth Map Smoothing” – Journal Papers, 2016-17 “Median Filter Based Adaptive Communication Method For Depth Map Preprocessing” – Journal Papers, 2016-17 “A Robust Approach for Multi-Modal Image Registration” – Journal Papers, 2015-16 “A Robust Algorithm for Rain Pixel Recovery in Highly Dynamic Videos” – Journal Papers, 2015-16 “Harmonic Estimation in Power Signals Using a Filter Bank and a Self-Tuning Adaptive Filter” – Journal Papers, 2015-16 “Analysis of Photo Response Non –Uniformity Noise on Images of Different Lighting Conditions” – Journal Papers, 2015-16 Email: preethavh@sctce.ac.in Phone: 9526886567

Who is Dr. Jisu Elsa Jacob, and what are her qualifications and contributions in the field of Electronics and Communication Engineering?

Dr. Jisu Elsa Jacob is an Assistant Professor in the Electronics and Communication Engineering department at SCT College of Engineering, where she has been serving since June 26, 2013. Academic Qualifications B.Tech. in Electronics and Communication Engineering, Kerala University, 2009 M.Tech. in Digital Electronics, CUSAT, 2011 Ph.D. in Electronics and Communication Engineering, University of Kerala, 2021 Teaching Experience She has 10 years of teaching experience. Publications “Exploring recurrence quantification analysis and fractal dimension algorithms for diagnosis of encephalopathy” – International Journal papers with impact factor 2-2.5, 2022-23 “Python Programming” – Book, 2022-23 “Effect of combining features generated through non-linear analysis and wavelet transform of EEG signals for the diagnosis of encephalopathy” – International Journal Papers with impact factor >2.5, 2021-22 “Chaotic And Non-Linear Features As EEG Biomarkers For The Diagnosis Of Neuropathologies” – Book Chapters, 2021-22 “Robotics Simplified” – Book, 2021-22 “Pertinence of signal processing techniques in EEG analysis” – Book Chapters, 2020-21 “EEG Entropies as Estimators for the Diagnosis of Encephalopathy” – International Journal papers with impact factor <1.5, 2019-20 “Analysis of EEG using Variational Mode Decomposition Method for Diagnosis of Epilepsy” – International Conferences, 2019-20 “Diagnosis of encephalopathy based on energies of EEG subbands using discrete wavelet transform and support vector machine” – International Journal papers with impact factor <1.5, 2018-19 “Application of fractal dimension for EEG based diagnosis of encephalopathy” – International Journal papers with impact factor <1.5, 2018-19 “Automated Diagnosis of Encephalopathy Based on Empirical Mode EEG Decomposition” – International Journal papers with impact factor <1.5, 2018-19 “A Review of Chaotic Analysis of EEG in Neurological Diseases” – International Conferences, 2018-19 “Automated diagnosis of encephalopathy using fractal dimensions of EEG sub-bands” – International Conferences, 2018-19 “Can chaotic analysis of electroencephalogram aid the diagnosis of encephalopathy?” – International Journal papers with impact factor <1.5, 2017-18 “Significance of non-linear analysis of EEG in neurological diseases” – International Conferences, 2017-18 “Diagnosis of epilepsy from interictal EEGs based on chaotic and wavelet transformation” – International Journal papers with impact factor <1.5, 2016-17 “Non-linear analysis of epileptic EEG” – International Conferences, 2016-17 Email: jisuelisa@sctce.ac.in Phone: 9496325321

Who is Dr. Anchana P Belmon, and what are her qualifications and contributions in the field of Electronics and Communication Engineering?

Dr. Anchana P Belmon is an Assistant Professor (Adhoc) in the Electronics and Communication Engineering department at SCT College of Engineering, where she joined on August 24, 2023. Academic Qualifications BE (Engineering) in Electronics and Communication Engineering, Anna University, 2011 ME (Engg/ Sciences) in Applied Electronics, Anna University, 2013 Ph.D. in Information and Communication Engineering, Anna University, 2021 Teaching Experience Dr. Anchana has 10 years of teaching experience: Assistant Professor at Maria College of Engineering and Technology (8 years) Associate Professor and Head of the Department at Rajadhani Institute of Engineering and Technology (2 years) Email: anchanabelmon@gmail.com Phone: 8137865059

Who is Dr. Aswathy Madhu, and what are her qualifications and teaching experiences in the field of Electronics and Communication Engineering?

Dr. Aswathy Madhu is an Assistant Professor (Adhoc) in the Electronics and Communication Engineering department at SCT College of Engineering, where she joined on August 24, 2023. Academic Qualifications B.Tech in Electronics and Communication Engineering, M G University, 2010 M.Tech (Engg/ Sciences) in Signal Processing, CUSAT, 2012 Ph.D. in Electronics and Communication Engineering, KTU, 2023 Teaching Experience Dr. Aswathy has 6 years of teaching experience in various institutions: Assistant Professor in ECE, Toc H Institute of Science and Technology, Arakunnam, Kochi (July 11, 2012 – March 27, 2013) Assistant Professor in ECE, Mohandas College of Engineering and Technology, Anad Thiruvananthapuram (May 27, 2013 – July 21, 2017) Assistant Professor (Adhoc) in ECE, Government Engineering College, Barton Hill, Thiruvananthapuram (September 26, 2022 – July 31, 2023) Email: aswathymadhu19@gmail.com Phone: 9495337260

Who is Hitha P S, and what are her qualifications and teaching experiences in the field of Electronics and Communication Engineering?

Hitha P S is an Assistant Professor (Contract) in the Electronics and Communication Engineering department at SCT College of Engineering, where she joined on August 24, 2023. Academic Qualifications B.Tech in Electronics and Communication, Kerala University, 2009 M.E (Engg/ Sciences) in Applied Electronics, Anna University, 2011 Teaching Experience Hitha has 9 years of experience as an Assistant Professor: Assistant Professor at Adi Shankara Institute of Engineering and Technology, Ernakulam (2012 – 2021) Email: hithaps@gmail.com Phone: 9496102021

Who is Smita Damodaran, and what are her qualifications and teaching experiences in the field of Electronics and Communication Engineering?

Smita Damodaran is an Assistant Professor (Contract) in the Electronics and Communication Engineering department at Sree Chitra Thirunal College of Engineering, where she joined on August 24, 2023. Academic Qualifications B.Tech in Electronics and Communication Engineering, CUSAT, 2002 M.Tech (Engg/ Sciences) in Electronics, CUSAT, 2013 Teaching Experience Smita has 13 years and 6 months of experience as an Assistant Professor in the Electronics and Communication Engineering field. Email: smitadamodaran@gmail.com Phone: 9947593252

Who is Anila Mol H, and what are her qualifications and teaching experiences in the field of Electronics and Communication Engineering?

Anila Mol H is an Assistant Professor (Contract) in the Electronics and Communication Engineering department at Sree Chitra Thirunal College of Engineering, where she joined on August 25, 2023. Academic Qualifications ME (Engg/ Sciences) in Applied Electronics, Anna University Coimbatore, 2011 B.Tech in Electronics and Communication Engineering, Kerala University, 2006 Professional Experience Worked as a Project Assistant at the Aeronautical Development Agency, Bangalore for 2 years 6 months. Worked as an Assistant Professor at Lourdes Matha College of Science and Technology, Kuttichal for 7 years 9 months. Email: anilamh@gmail.com Phone: 9446553547

Who is Anuja A C, and what are her qualifications and teaching experiences in the field of Electronics and Communication Engineering?

Anuja A C is an Assistant Professor (Guest) in the Electronics and Communication Engineering department at Sree Chitra Thirunal College of Engineering, where she joined on August 22, 2024. Academic Qualifications M.Tech. (Engg/ Sciences) in Signal Processing, KTU/Sree Chitra Thirunal College of Engineering, 2017 B.Tech in Electronics and Communication, St. Thomas Institute for Science and Technology, 2015 Plus Two in Science, St. Chrysostom's GHSS Nellimood, 2009 SSLC in Science, St. Chrysostom's GHSS Nellimood, 2007 Professional Experience Worked as an Assistant Professor at Heera College of Engineering and Technology for 3 years and 11 months. Email: anucani26@gmail.com Phone: 9497690344

Who is Divya Harikumar, and what are her qualifications and teaching experiences in the field of Electronics and Communication Engineering?

Divya Harikumar is an Assistant Professor (Other) in the Electronics and Communication Engineering department at Sree Chitra Thirunal College of Engineering, where she joined on November 30, 2021. Academic Qualifications B.Tech in Electronics and Communication, Kerala/LBSITW, 2010 M.Tech. (Engg/ Sciences) in VLSI and Embedded Systems, CUSAT/ER&DCIIT, C-DAC, 2013 Professional Experience Assistant Professor (Adhoc) at College of Engineering, Muttathara, Trivandrum (CAPE) from August 2, 2019, to July 30, 2020 Assistant Professor (Adhoc) at LBSITW Poojappura, Trivandrum from August 5, 2016, to May 12, 2017 Assistant Professor (Adhoc) at SCT College of Engineering, Trivandrum from June 17, 2015, to April 29, 2016 Assistant Professor (Adhoc) at College of Engineering, Attingal (IHRD) from July 22, 2013, to March 31, 2015 Email: divya.harikumar@gmail.com Phone: 9496370125

Who are the trade instructors in the Department of Electronics and Communication Engineering, and what are their contact details?

Arun G. K. (Trade Instructor Grade I): arungk@sctce.ac.in, 9446069350.

Binu P. Thomas (Trade Instructor Grade II): 9446182063.

Meenambika V. S. (Trade Instructor Grade II): meenamuralivs@gmail.com, 9497621818.

Shajahan (Trade Instructor Grade II): 9947770842.

What are the industry interaction initiatives of the Department of Electronics and Communication Engineering?

The Department of Electronics and Communication Engineering has established strong industry interactions to enhance the technical and professional skills of students. The key initiatives include: Memorandums of Understanding (MoUs): Texas Instruments: Implementation of the Texas Instruments University Programme in areas such as Advanced Microcontrollers, Robotics, and IoT. Kalasalingam Academy of Research and Education: Promotes technical education quality and supports research activities. WebTek Labs Pvt. Ltd: Conducts workshops for students. Infosys, Mahindra, CDAC, BSNL, and TATA Elxsi: Provides training aligned with industry standards. Specific Industry Training Programs: Infosys Campus Connect: Prepares students to be industry-ready. Mahindra Pride School: Offers training in soft and technical skills. Activ@TE by Tata Elxsi: Provides training to final-year students with a stipend of Rs.

7000/month. This pilot program was launched exclusively with this institution. Technical Support and Competency Enhancement: CDAC's Optical Image Processing Division: Offers technical support to the department. Employability Enhancement Training Programme (EETP): A collaborative initiative by AICTE and BSNL to improve graduating students' competency skills.

What are the different labs in the Electronics and communication engineering department?

Electronics Workshop, Electronic Circuits Lab, Digital Electronics Lab, Communication Engineering Lab, Embedded Systems Lab, Microwave Engineering & Optical Communication, Project Lab - Texas Instruments Innovation Centre, Scientific Computing Facility.

What does the Electronics and Communication Department offer to students through the Electronics Workshop Lab?

The Electronics Workshop lab provides fundamental exposure to electronics. It allows students to acquire practical skills in electronic circuit wiring, soldering, and testing. The lab also teaches students basic safety measures and familiarizes them with various electronic components.

What experiments are conducted in the Electronic Circuits Lab of the Electronics and Communication Department?

In the Electronic Circuits Lab, students explore the design, construction, and debugging of analog electronic circuits and integrated circuits. The lab is equipped with function generators, cathode ray oscilloscopes, and digital multimeters. Students gain hands-on experience in designing, implementing, and testing a wide range of circuits. Additionally, they simulate circuits in this lab under the supervision of experienced faculty.

What is the focus of the Digital Electronics Lab in the Electronics and Communication Department?

The Digital Electronics Lab focuses on introducing the basic concepts of digital electronics, principles, and applications of digital devices and systems. In this lab, students conduct experiments on the design and debugging of digital circuits, with both hardware and software simulations. Faculty supervision ensures that the students gain comprehensive knowledge and skills in digital electronics.

What facilities does the Communication Engineering Lab provide in the Electronics and Communication Department?

The Communication Engineering Lab is designed to give students exposure to designing, constructing, and debugging circuits based on communication systems. It is equipped with Digital Storage Oscilloscopes (DSOs), dual power supplies, and power electronics trainer kits. The lab allows students to conduct experiments on basic and advanced communication systems and power electronics.

What resources are available in the Embedded Systems Lab of the Electronics and Communication Department?

The Embedded Systems Lab is equipped with modern equipment and the latest software to help students hone their skills in both hardware and software. The lab has VLSI development

environments (Altera, Spartan, Cool Runner), FPGA kits, 8051-based Microcontroller kits, PIC Microcontrollers, and development boards. Students learn FPGA programming and simulation through XILINX ISE Software and also gain experience in programming and interfacing DSP processors like TMS 320c 6713 and 320c 243. The lab also includes high-end test instruments such as spectrum analyzers, logic analyzers, and arbitrary function generators.

What does the Microwave Engineering & Optical Communication Lab offer within the Electronics and Communication Department?

The Microwave Engineering & Optical Communication Lab provides practical knowledge of techniques used for the generation, transmission, and reception of electromagnetic waves at gigahertz frequencies. It includes fiber optic trainer kits to study the fundamentals of fiber optic communication and analog/digital links.

What is the role of the Project Lab - Texas Instruments Innovation Centre in the Electronics and Communication Department?

The Project Lab plays a vital role in promoting practical learning and innovation. It is equipped with industry-supported tools and software to help students develop projects in areas like microcontrollers, Internet of Things (IoT), robotics, and signal processing. The lab encourages research, entrepreneurship, and creative proposals, enabling students to execute final projects and ignite their entrepreneurial skills.

How does the Scientific Computing Facility in the Electronics and Communication Department support student learning?

The Scientific Computing Facility is a key resource for technical training sessions, seminars, and short-term courses. It is equipped with the latest computers and open-source software for circuit design, system analysis, and virtual prototyping. The lab also serves as a center for promoting research, enhancing entrepreneurship skills, and conducting online examinations.

What resources are available in the departmental library of Electronics and communication engineering?

The departmental library houses 1,488 books, including 186 PG-related books and 700 books sponsored by TEQIP, with the remainder sponsored by PTA. It also provides access to technical papers, mini-project documentation, and final-year project reports for student reference.

What additional learning materials are offered in the library of Electronics and communication engineering?

The library offers curriculum-based video and web courses created by eminent professors from IITs and IISc Bangalore, purchased through NPTEL. These resources, along with accompanying CDs, are available for students to enhance their learning experience.

What features does the Electronics and communication engineering department's seminar hall include?

The seminar hall is well-furnished, air-conditioned, and sponsored by alumni. It is equipped with a state-of-the-art audio-visual projection system for hosting effective lectures and seminars

What is the primary purpose of the seminar hall of the Electronics and communication engineering department?

The seminar hall is used to conduct lectures and seminars on emerging areas to update the knowledge of both faculty and students.

What are the activities in the Electronics and Communication department?

Council of Electronics Studies (CEST), IEEE Student Branch, Cybots.

What is the Council of Electronics Studies (CEST) in the electronics and communication department, and what are its objectives?

The Council of Electronics Studies (CEST) is an association of faculty and students in the electronics and communication department that was initiated in the late 1990s under the guidance of Dr. Shanthi K.J. It aims to enhance students' technical expertise and organizational skills through co-curricular training, bridging the gap between textbook syllabi and industry applications. After becoming inactive for a few years, it was reconstituted in 2014 by Prof. (Dr.) Sheeja M.K. and inaugurated by Dr. Shaji Senadhipan. The council focuses on providing insights into technological advancements, promoting teamwork and leadership, and offering exposure to core research areas in electronics and communication engineering. The current staff-in-charge is Smt. Bindu V.

What is the role of the IEEE Student Branch in the electronics and communication department?

The IEEE Student Branch in the electronics and communication department is a vibrant platform that fosters technological innovation and professional growth among students. Established in 2009, it has grown to include nearly 70 members who participate in workshops, seminars, and technical competitions. The branch publishes a newsletter, epulse, and organizes weekly seminars to enhance public speaking and technical skills. Additionally, it supports women in engineering through its Women in Engineering (WIE) affinity group. By offering short-term training programs and industry-focused activities, the branch helps students stay updated with emerging technologies while nurturing leadership and organizational abilities. The current staff-in-charge is Smt Deepa A K.

What is Cybots, and how does it benefit students in the electronics and communication department?

Cybots, the robotics club of the electronics and communication department, was established by the 2015-19 batch to foster interest in robotics and related fields. It aims to guide students in developing theoretical and practical knowledge through workshops, competitions, and hands-on projects. The club mentors students for inter- and intra-college competitions and fosters skills like teamwork and leadership. By undertaking annual projects under faculty supervision, Cybots provides a platform for innovation and technical growth, preparing students to meet the competitive demands of the industry. The current staff-in-charge is Smt. Aparna P R.

What are the Research facilities offered by the Electronics and Communication department?  
Holography Lab, Nanoelectronics and Materials Research Lab, Innovation Centre for IoT & Wireless Communication.

What research opportunities does the Holography Lab in the electronics and communication department provide?

The Holography Lab in the electronics and communication department offers advanced facilities for holographic research, including the development of photosensitive materials and holographic data storage systems. This lab focuses on designing and developing holographic storage technologies with high-density data storage capabilities. A notable project, "Design and Development of a Holographic Data Storage System," was completed with funding under the TDAP scheme. The lab supports students and researchers in gaining theoretical and practical knowledge, enabling them to analyze complex engineering problems and meet industry demands.

What is the purpose of the Nanoelectronics and Materials Research Lab in the electronics and communication department?

The Nanoelectronics and Materials Research Lab in the electronics and communication department was established with a Rs. 1 crore fund from the Government of Kerala. It focuses on training and research in nanoelectronics, nanomaterials, and optoelectronics. The lab supports interdisciplinary research in areas such as MEMS/NEMS, solar cells, and energy storage devices, providing opportunities for circuit design, material synthesis, and device fabrication. By fostering practical skills, this facility benefits students, researchers, and external institutions, bridging academic research with industrial applications.

What are the goals of the Innovation Centre for IoT & Wireless Communication in the electronics and communication department?

The Innovation Centre for IoT & Wireless Communication, funded by the Government of Kerala with Rs. 1 crore, is dedicated to advancing research and development in IoT, blockchain, and wireless communication. It provides a platform for students and researchers to design IoT prototypes, develop communication protocols, and explore technologies such as SDR and MIMO wireless communication. The centre also supports interdisciplinary projects in applications like smart cities, healthcare, and connected automobiles. By offering training and internships, the lab aims to bridge the gap between academia and industry, enabling innovation and practical skill development.

What is the primary focus of the Biotechnology and Biochemical Engineering department at SCTCE?

The Biotechnology and Biochemical Engineering department at SCTCE focuses on quality education, training, research, and entrepreneurship in the fields of Biotechnology and Biochemical Engineering. Established in 2002, it has a strong faculty team with expertise in Biosciences, Bioengineering, and Chemical Engineering. The department emphasizes preparing students for careers in reputed industries and higher studies at international universities while fostering innovation through research and collaboration with industries.



How does the Biotechnology and Biochemical Engineering department facilitate internships and projects for its students?

The Biotechnology and Biochemical Engineering department facilitates internships and projects through MoUs with reputed companies such as HLL Life Care Ltd., Green Method Engineering Pvt. Ltd., and Ram Biologicals. These collaborations provide students with opportunities to undertake industry-oriented projects and gain practical experience, enhancing their technical skills and employability.

What infrastructure development initiatives are underway in the Biotechnology and Biochemical Engineering department?

The Biotechnology and Biochemical Engineering department is pursuing multiple infrastructure development projects funded by the Government of Kerala under the Annual Plan 2022-2023 and 2023-2024, with a total worth of 2.98 crores. These projects aim to modernize the laboratories and establish the department as a hub for research in Biofuel Technology and Environmental Biotechnology by 2025.

How does the Biotechnology and Biochemical Engineering department support research and student projects?

The Biotechnology and Biochemical Engineering department supports research and student projects through funding from organizations such as AICTE, KSCSTE, and KTU-CERD. Between 2020 and 2023, the department completed multiple student projects worth a total of 5 lakhs, with ongoing projects worth 1.5 lakhs. This funding enables students to work on innovative bioprocess and biotechnology solutions.

How does the Biotechnology and Biochemical Engineering department encourage co-curricular activities among its students?

The Biotechnology and Biochemical Engineering department promotes co-curricular activities through workshops, seminars, conferences, and invited lectures under the student chapters of the Indian Institute of Chemical Engineers (IIChE) and EVOGEN. These events enhance students' technical knowledge and skills, complementing their academic learning.

What extracurricular opportunities does the Biotechnology and Biochemical Engineering department provide?

The Biotechnology and Biochemical Engineering department provides ample opportunities for students to participate in NSS activities, arts, and sports events at the college and university levels. These activities help students develop soft skills, teamwork, and leadership qualities while maintaining a balance between academic and extracurricular pursuits.

What contributions have faculty and students of the Biotechnology and Biochemical Engineering department made to academia?

Faculty and students of the Biotechnology and Biochemical Engineering department actively contribute to academia by participating in national and international conferences, presenting research papers, and publishing findings in high-impact international journals. This reflects the department's commitment to advancing knowledge and fostering academic excellence.

What is the vision of the Biotechnology and Biochemical Engineering department?

To emerge as a centre of quality education, training, research and entrepreneurship in Biotechnology and Biochemical Engineering

What is the mission of the Biotechnology and Biochemical Engineering department?

To impart sound knowledge of basic concepts in Biotechnology and Biochemical Engineering which will help our students to emerge as competent professionals. To inculcate passion and motivation for pursuing higher studies in premier institutions at national and international levels, and to develop a flare for lifelong learning. To equip students with the right set of skills required to identify, analyze and solve problems relevant to the field of Biotechnology and Biochemical engineering.

How do the Programme Educational Objectives (PEOs) align with the goals of the Biotechnology and Biochemical Engineering department?

Our graduates will excel in Biotechnology and allied industries as good process engineers capable of handling various production related activities including quality control. Our graduates will serve as competent professionals with strong ethical values and communication skills. Our graduates will pursue extended studies and research in reputed institutions at the national and international level.

What are the Programme Specific Outcomes (PSOs) for students of the Biotechnology and Biochemical Engineering department?

Acquire sound basic knowledge of biotechnology and biochemical engineering concepts to help emerge as good process engineers in industries. Acquire expertise in various bioprocess strategies aimed at promoting sustainable design and development. Acquire the capabilities required to function successfully as a member or leader for managing various bioprocess-related projects, with a clear understanding of the need for contemporary technological changes.

What facilities are available in the Biotechnology and Biochemical Engineering department to support student learning and research activities?

The Biotechnology and Biochemical Engineering department at SCTCE offers a wide range of state-of-the-art facilities to ensure comprehensive student learning and research opportunities. The department is equipped with 15 specialized labs catering to different aspects of biotechnology and biochemical engineering, such as the Chemical Engineering Workshop, Microbiology Lab, Fluid Flow and Particle Technology Lab, Biochemistry Lab, and Instrumental Methods of Analysis Lab, among others. Each lab is designed to provide hands-on training and advanced experimentation in areas ranging from chemical reaction kinetics, enzyme assays, and DNA sequencing to bioprocess strategies, heat and mass transfer operations, and environmental engineering. These labs house major equipment such as PCR machines, UVVisible spectrophotometers, bioreactors, chromatographic units, and software for process modeling and simulation like MATLAB and SIMULINK. Additionally, the Environmental Engineering Lab is approved by the Kerala State Pollution Control Board for testing water and

wastewater, enhancing its practical relevance. The department also features a dedicated library with 226 titles, 356 volumes, and archives of project and seminar reports, providing students access to valuable academic resources to supplement their learning and research activities.

What is the purpose of the Chemical Engineering Workshop in the Biotechnology and Biochemical Engineering department?

The Chemical Engineering Workshop in the Biotechnology and Biochemical Engineering department is designed to impart fundamental knowledge of chemical engineering through practical experiments and demonstrations. This lab helps students gain a thorough understanding of basic concepts taught in the theory course "Introduction to Chemical Engineering," ensuring a strong foundational grasp of chemical processes.

What activities and equipment are available in the Microbiology Lab of the Biotechnology and Biochemical Engineering department?

The Microbiology Lab in the Biotechnology and Biochemical Engineering department facilitates the isolation, characterization, and cultivation of microorganisms for applications like fermentation. Students conduct practical studies on cell growth processes, cellular functions, and tissue culture. The lab is equipped with tools such as Kjeldahl's apparatus, autoclaves, laminar airflow chambers, BOD incubators, and microscopes, enabling in-depth exploration of microbiological techniques.

What principles are studied in the Fluid Flow and Particle Technology Lab of the Biotechnology and Biochemical Engineering department?

The Fluid Flow and Particle Technology Lab in the Biotechnology and Biochemical Engineering department provides practical insights into momentum transfer principles, including fluid mechanics and particle dynamics. Students learn techniques for flow measurements, particle size determination, fluid viscosity analysis, and solid-liquid separation using advanced equipment for detailed experimentation.

What types of analyses are conducted in the Biochemistry Lab of the Biotechnology and Biochemical Engineering department?

In the Biochemistry Lab of the Biotechnology and Biochemical Engineering department, students perform qualitative and quantitative analyses of biomolecules, enzyme assays, and purification of complex biological molecules. The lab includes equipment such as UV-Visible spectrophotometers, cooling centrifuges, and magnetic stirrers, enabling comprehensive biochemical experiments.

What techniques are taught in the Instrumental Methods of Analysis Lab of the Biotechnology and Biochemical Engineering department?

The Instrumental Methods of Analysis Lab in the Biotechnology and Biochemical Engineering department focuses on quantitative analysis of compositions and separation techniques such as flame photometry, UV-visible spectrophotometry, and chromatography. The lab features instruments like densitometers, conductivity meters, and refractometers for advanced analytical experiments.

What genetic studies are performed in the Biochemical Engineering Lab of the Biotechnology and Biochemical Engineering department?

The Biochemical Engineering Lab in the Biotechnology and Biochemical Engineering department is used for studying DNA structures and functions, nucleic acid analysis, and genetic engineering protocols like PCR and bacterial transformation. The lab includes equipment such as gel electrophoresis units, thermal cyclers, and gel documentation systems to facilitate these advanced genetic studies.

What software tools are available in the Software Lab of the Biotechnology and Biochemical Engineering department?

The Software Lab in the Biotechnology and Biochemical Engineering department provides training on tools such as C++, MATLAB, Simulink, and CHEMCAD. These tools are essential for process design, modeling, simulation, and control in biochemical and chemical engineering, allowing students to develop computational skills.

What experiments are conducted in the Heat and Mass Transfer Lab of the Biotechnology and Biochemical Engineering department?

The Heat and Mass Transfer Lab in the Biotechnology and Biochemical Engineering department focuses on studying operations of heat exchangers, evaporators, dryers, and distillation columns. Students explore heat and mass transfer phenomena using equipment like steam distillation units, wetted wall columns, and natural draft tray dryers.

What techniques are taught in the Downstream Processing Lab of the Biotechnology and Biochemical Engineering department?

The Downstream Processing Lab in the Biotechnology and Biochemical Engineering department emphasizes recovery, isolation, purification, and polishing of bioproducts like organic acids and antibiotics. It is equipped with ultrafiltration units, shaking incubators, crystallizers, and fluidized bed dryers to support these activities.

What skills do students acquire in the Reaction Engineering and Process Control Lab of the Biotechnology and Biochemical Engineering department?

In the Reaction Engineering and Process Control Lab of the Biotechnology and Biochemical Engineering department, students gain practical experience in analyzing chemical reaction kinetics, studying process dynamics, and designing control systems. The lab includes batch reactors, CSTRs, temperature control trainers, and data acquisition systems for advanced experimental learning.

What capabilities does the Environmental Engineering Lab of the Biotechnology and Biochemical Engineering department offer?

The Environmental Engineering Lab in the Biotechnology and Biochemical Engineering department is licensed by the Kerala State Pollution Control Board for water and wastewater testing. It features equipment like pH meters, spectrophotometers, and BOD incubators, supporting environmental analysis and pollution control studies.

What is the focus of the Bioprocess Engineering Lab in the Biotechnology and Biochemical Engineering department?

The Bioprocess Engineering Lab in the Biotechnology and Biochemical Engineering department focuses on microbial growth and enzyme kinetics under controlled conditions. It is equipped with bench-scale bioreactors, orbital shakers, and laminar airflow chambers, offering practical exposure to bioprocess strategies.

What experimental techniques are explored in the Analytical Techniques in Biotechnology Lab of the Biotechnology and Biochemical Engineering department?

The Analytical Techniques in Biotechnology Lab in the Biotechnology and Biochemical Engineering department provides training in spectrophotometry, refractometry, chromatography, and electrophoresis. Equipment such as UV-VIS spectrophotometers, refractometers, and chromatography columns are available for analytical and separation experiments.

How does the Reaction Engineering and Process Control Lab in the Biotechnology and Biochemical Engineering department enhance students' understanding?

The Reaction Engineering and Process Control Lab in the Biotechnology and Biochemical Engineering department enhances students' knowledge by enabling comparisons of different reactors and process control systems. With equipment for RTD studies, liquid level control, and temperature trainers, it provides hands-on experience that goes beyond theoretical learning.

What research opportunities are provided by the Software and Bioinformatics Lab in the Biotechnology and Biochemical Engineering department?

The Software and Bioinformatics Lab in the Biotechnology and Biochemical Engineering department supports computational research into protein-gene relationships and molecular interactions. Equipped with MATLAB and SIMULINK, it also facilitates simulation-based response analysis and process control, bridging computational techniques and biochemical research.

Who is Dr. K. B. Radhakrishnan, and what are his qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

Dr. K. B. Radhakrishnan is a Professor and Head of the Department of Biotechnology & Biochemical Engineering at SCT College of Engineering. He joined the institution on May 15, 2019. Qualifications Ph.D. in Chemical Engineering IIT Madras, 1998 M.Tech in Chemical Engineering IIT Madras, 1991 (CGPA: 9.06/10) B.Tech in Chemical Engineering Government Engineering College, Thrissur / Calicut University, 1984 (Percentage: 79.3%) Teaching Experience Dr. Radhakrishnan has over 38 years of teaching experience. Industrial Experience He worked as an Assistant Engineer (Chemical) at a Government of India Public Sector Process Industry from December 11, 1984, to December 29, 1986 (2 years and 1 month). Books "Proceedings of the International Conference on Advances in Chemical Engineering and Technology" (Editor: Dr. K.B. Radhakrishnan), Published by Elsevier. International Journals Heat Transfer Analysis of Thermal Energy Storage using Phase Change Materials (1992) Kinetics of Melt Crystallization in Falling Films (1999) Synthesis and Evaluation of Carbon Catalyst from Human Urine for Proton Exchange Fuel Cell (2016) Experimental Investigation on Heat Transfer

Augmentation in Helical Coil Heat Exchanger Using Wire Coil/Spring Inserts (2016) Adsorption of Perchlorate using Cationic Modified Rice Husk (2018) International Conferences Heat Transfer Augmentation in Heat Exchangers Using Spiral Tube Inserts (2004) Kinetics of Generation of Power coupled with Reduction in Biochemical Oxygen Demand in Effluents using Microbial Fuel Cell (2015) Awards and Recognitions Commendation certificate from the Ministry of Commerce and Industry for contributions to the Paravur Puttingal Temple Fireworks accident inquiry. Excellence Award (2017) from TKM College of Engineering for leadership as Head of the Department of Chemical Engineering. Member of the National Executive Council of the Indian Institute of Chemical Engineers (IIChE) for the term 2018-2021. Ph.D.'s Guided and Ongoing Completed: "Risk Assessment and Crisis Management in Auto LPG Dispensing Stations" by Venugopal R. Ongoing: Investigations on Microbial Remediation of Heavy Metal Contaminated Industrial Effluents by Suji S.K. Ongoing: Active Biological Degradation of Perchlorate Waste by Ann M. George. Contact Details Email: hodbt@sctce.ac.in Phone: 9447205767 Who is the Head of the Department of Biotechnology and Biochemical Engineering? The Head of the Department of Biotechnology & Biochemical Engineering Department is Dr. K. B. Radhakrishnan

Who are the Professors in the Department of Biotechnology and Biochemical Engineering?  
Dr. K. B. Radhakrishnan.

Who are the Assistant Professors in the Department of Biotechnology and Biochemical Engineering?

Gayathri V  
Biju Jacob  
Dr. Ani Lawrance  
Rubeena S  
Vineethalekshmy P.V  
Baji Krishnan  
Dr. Rohini S  
Susmitha Kumari  
Jickson G.H  
K.S. Uma Suganya

Who are the technical staff in the Department of Biotechnology and Biochemical Engineering?  
Divya J.K. - Instructor Gr. II  
Ajayakumar R. - Lab Assistant

Who is GAYATHRI V, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

GAYATHRI V is an Assistant Professor in the Department of Biotechnology & Biochemical Engineering at SCT College of Engineering, where she joined on December 5, 2005. Academic Qualifications M.Sc. in Microbiology, TNAU, 1998 Ph.D. (Pursuing) in Biotechnology, Kerala University Professional Experience 3 1/2 years as Research Associate with Central Tuber Crops Research Institute, Trivandrum 6 months as Guest Lecturer in Microbiology at National College,

affiliated to Kerala University 2 years as Adhoc Faculty in the Department of Biotechnology and Biochemical Engineering, SCTCE 14 years as Regular Faculty, Assistant Professor in Microbiology, Department of Biotechnology and Biochemical Engineering, SCTCE Contact Information Email: [gayathrivijay@sctce.ac.in](mailto:gayathrivijay@sctce.ac.in) Phone: 9446483056

Who is Biju Jacob, and what are his qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

BIJU JACOB is an Assistant Professor in the Department of Biotechnology & Biochemical Engineering at SCT College of Engineering, where he joined on April 3, 2008. Academic Qualifications B.Tech. in Biotechnology and Biochemical Engineering, University of Kerala, 2006 M.Tech. in Biotechnology, Anna University, 2012 Professional Experience 13 years of experience in teaching undergraduate courses in Biotechnology and Biochemical Engineering at SCT College of Engineering. 3 years of research experience in Biochemical Engineering and Biotechnology at Indian Institute of Technology Delhi (IIT D). Contact Information Email: [bijujacob@sctce.ac.in](mailto:bijujacob@sctce.ac.in) Phone: 9447212420

Who is DR. ANI LAWRENCE, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

DR. ANI LAWRENCE is an Assistant Professor in the Department of Biotechnology & Biochemical Engineering at SCT College of Engineering, where she joined on January 15, 2008. Academic Qualifications Ph.D. in Biochemical Engineering, NIT Tiruchirappalli, 2023 Publications "Modelling and simulation of food waste bio-drying," International Journal Papers with impact factor >2.5, 2021-22 "Development of mathematical model and experimental validation for batch bio-drying of municipal solid waste: Mass balances," International Journal Papers with impact factor >2.5, 2021-22 "Modelling and Simulation of Bio-Drying of Municipal Solid Waste Under Different Aeration Rates," Book Chapters, 2021-22 "Design of Temperature Controller for Bio-Drying of Municipal Solid Waste," National Conferences, 2020-21 "Analysis of Biofuel Production from Fruit Wastes using Co-cultures," Journal Papers, 2018-19 Contact Information Email: [ani@sctce.ac.in](mailto:ani@sctce.ac.in) Phone: 9447700378

Who is RUBEENA S, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

RUBEENA S is an Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on June 27, 2013. Academic Qualifications B.Tech in Biotechnology, Calicut University, 2008 M.Tech. in Industrial Biotechnology, Annamalai University, 2010 Diploma in Industrial Pollution and Control, Annamalai University, 2010 Professional Experience 10 years of teaching experience in the Biotechnology & Biochemical Engineering department at SCT College of Engineering. Email: [bt13001@sctce.ac.in](mailto:bt13001@sctce.ac.in) Phone: 9526874847

Who is VINEETHALEKSHMY P.V, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

VINEETHALEKSHMY P.V is an Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on April 10, 2008.

Academic Qualifications B.Tech in Biotechnology & Biochemical Engineering, Kerala University, 2006 M.Tech. in Industrial Biotechnology, NIT Karnataka, 2014 Professional Experience 10 years and 8 months of teaching experience in the Biotechnology & Biochemical Engineering department at SCT College of Engineering. Email: vineetha@sctce.ac.in Phone: 8113848498

Who is BAJI KRISHNAN, and what are his qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

BAJI KRISHNAN is an Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on April 7, 2008. Academic Qualifications B.Tech in Biotechnology, Kerala University, 2006 M.Tech. in Industrial Management, MG University, 2008 Professional Experience 10 years of teaching experience in the Biotechnology & Biochemical Engineering department at SCT College of Engineering. Email: bajimohit@gmail.com Phone: 9496371078

Who is DR. ROHINI S, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

DR. ROHINI S is an Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on July 1, 2008. Academic Qualifications Ph.D. (Pursuing) in Biotechnology, NIT, 2020 Professional Experience 11 years of teaching experience in the Biotechnology & Biochemical Engineering department at SCT College of Engineering. Email: rohinisamadarsh@gmail.com Phone: 9539377666

Who is SUSMITHA KUMARI, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

SUSMITHA KUMARI is an Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on November 6, 2008. Academic Qualifications M.Tech. (Engg/ Sciences) in Chemical Engineering, IIT Madras, 2014 B.Tech in Chemical Engineering, University of Kerala, 1993 Professional Experience From November 6, 2008, to the present, she has been serving as an Assistant Professor at SCT College of Engineering, Pappanamcode, Thiruvananthapuram. She worked as a Lecturer at Mohandas College of Engineering and Technology, Anad, from July 28, 2007, to November 5, 2008. She served as a Lecturer at SCT College of Engineering, Pappanamcode, Thiruvananthapuram, from January 10, 2005, to July 28, 2007. From August 17, 1999, to February 11, 2000, she worked as an Assistant Engineer at Kerala State Pollution Control Board, Payyanur. She was a Programmer at Dataware Design Labs (P) Ltd from August 7, 1998, to November 10, 1998. She served as a Graduate Engineer Trainee at High Explosives Factory, Kirkee, Pune, from August 14, 1995, to August 13, 1996. She worked as a Trainee Chemical Engineer at Shanthi Synthetics and Rare Chemicals, Thirumala, Thiruvananthapuram, from April 1, 1994, to May 31, 1995. Email: susmithasashi@sctce.ac.in Phone: 9495392710 Who is JACKSON G.H, and what are his qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering? JACKSON G.H is a Guest Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on July 28, 2019. Academic Qualifications MBA/ PGDM in Marketing, MS University, 2016 M.Tech. (Engg/



Sciences) in Biotechnology, Anna University, 2010 B.Tech in Biotechnology, Anna University, 2008 Email: Jickson.bt@gmail.com Phone: 9947994097

Who is K.S. UMA SUGANYA, and what are her qualifications and teaching experiences in the field of Biotechnology & Biochemical Engineering?

K.S. UMA SUGANYA is an Assistant Professor in the Biotechnology & Biochemical Engineering department at SCT College of Engineering, having joined on January 14, 2020. Academic Qualifications B.Tech in Biotechnology, Anna University, 2011 M.Tech. (Engg/ Sciences) in Biotechnology, Sathyabama Institute of Science and Technology, 2013 Ph.D. in Bio-Engineering, Sathyabama Institute of Science and Technology, 2018 Professional Experience Junior Research Fellow at Sathyabama Institute of Science and Technology (2013-2015) Senior Research Fellow at Sathyabama Institute of Science and Technology (2015-2017) Email: suganyakuttalam@gmail.com Phone: 9952092407

What is the significance of electrical engineering in today's industries and In our College? Electrical engineering is essential for engineers in various industries due to the increasing electrification and automation across different sectors. Knowledge in electrical engineering is particularly important for students from other disciplines as it equips them with the necessary skills to pursue careers in industries where electrical systems and automation play a crucial role.

How does the Electrical Engineering Division collaborate with organizations like KSRTC and the Energy Management Center-Kerala, and what are some key programs they are involved in? The Electrical Engineering Division collaborates with organizations such as KSRTC (Kerala State Road Transport Corporation) for a Bus retrofitting program and works closely with the Center for Innovation for Electric and Hybrid Vehicles established by the Government of Kerala. Additionally, the division partners with the Energy Management Center-Kerala to conduct programs under IEEE and engages with other organizations like the State Consumer Disputes Redressal Forum to foster industry-academia collaboration.

Who are the faculties in the Electrical Engineering Department in SCTCE?

RESHMI KRISHNAN S - Assistant Professor

KRISHNENDU R V - Assistant Professor

SREEKUTTY S - Assistant Professor

Who are the technical staff in the Department of Electrical Engineering?

RAJASINGH A - Trade Instructor Senior Grade

What are the different labs in the Electrical Engineering department?

Electrical Engineering Workshop, Electrical Machines Lab

What is the objective of the Electrical Engineering Workshop in the Electrical Engineering Department, and what practical skills does it impart to students?

The Electrical Engineering Workshop in the Electrical Engineering Department provides students with practical skills in electrical wiring and soldering, alongside an essential awareness

of safety measures. The workshop can accommodate up to 36 students at a time, enabling hands-on experience in electrical work.

What are the key features of the Electrical Machines Lab in the Electrical Engineering Department, and how does it help students understand electrical machines?

The Electrical Machines Lab in the Electrical Engineering Department offers in-depth knowledge of both AC and DC machines. The lab is equipped with advanced measurement systems like digital tachometers and clamp-on meters, helping students understand the practical aspects of electrical machines.

What role does the department library play in supporting research and academic work in the Electrical Engineering Department?

The department library serves as a documentation center, making available old student project reports, seminar reports, and technical documents related to departmental events. It also purchases books and periodicals annually for faculty reference, supporting ongoing academic and research activities.

What research initiatives are undertaken by the Electrical Engineering Department to strengthen clean energy technologies?

The Electrical Engineering Department has established the Centre for Computational Research in Clean Energy Technologies. This center focuses on energy-related research and has produced international peer-reviewed publications. The department is also involved in the government funded 'Project on Establishment of Hydrogen Generator and Dispensing Unit' aimed at supporting the e-mobility sector.

How does the Electrical Engineering Department collaborate with other institutions for research in energy conservation and storage?

The Electrical Engineering Department collaborates with prominent research and academic institutions such as NIFTDC, IISc, IIT Madras, and IIT Bhubaneswar as part of the Multi Institutional Centres on Materials for Energy Conservation and Storage Platform (MECSP). This collaboration aims to support translational R&D in materials for energy conservation and storage technologies.

What training programs have been organized by the Electrical Engineering Department to promote e-mobility and energy conservation?

The Electrical Engineering Department has conducted several training programs, including the KTU-sponsored STTP on E-Mobility (June 26 - July 1, 2019) and a one-day workshop on "E Mobility for Smart Cities" (April 27, 2019). Additionally, a community service program on electricity conservation and safe handling of electrical equipment was organized on December 22, 2018.

How has the Electrical Engineering Department contributed to international conferences and global research initiatives?

Dr. Bobby Philip from the Electrical Engineering Department has volunteered as a conference convener for IEEE RAICS 2021 and IEEE PES Asia-Pacific Power and Energy Engineering Conference 2021. He is also a member of the advisory committee for IEEE PES Asia-Pacific Power and Energy Engineering Conference 2022, held in Melbourne, Australia. Additionally, Dr. Philip visited the State Key Laboratory of the Internet of Things for Smart City at the University of Macau to explore international research collaborations.

How does the Electrical Engineering Department contribute to the planning and maintenance of the college's electrical installation?

The Electrical Engineering Department is responsible for the planning, development, and maintenance of the college's electrical installation, ensuring smooth and efficient electrical operations across the campus.

What notable award did Dr. Bobby Philip receive, and how does it reflect his contributions to the Electrical Engineering Department?

Dr. Bobby Philip was awarded the "Outstanding Chapter Volunteer (Kerala Chapter) Award 2020" by IEEE PES Headquarters, USA. This prestigious recognition highlights his outstanding contributions to the IEEE Kerala Chapter and his continuous efforts in advancing the field of electrical engineering.

Who is Reshmi Krishnan S, and what are her qualifications and teaching experiences in the field of Electrical Engineering?

Reshmi Krishnan S is an Assistant Professor in the Department of Electrical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on July 1, 2008. Qualifications: Ph.D. in Electrical Engineering University: KTU M.Tech. (Engg/Sciences) in Power Systems University: Kerala Year: 2003 B.Tech. in Electrical & Electronics Engineering University: Kerala Year: 2000 Contact Details: Email: reshmisanu@sctce.ac.in Phone: 9447124654 Professional Experience: 20 years of teaching experience Publications: Demand forecasting in smart homes using deep learning techniques (International Conferences, 2022-23) Nanomaterials for photoelectrodes in dye sensitized solar cells – A Review (International Journal papers with impact factor <1.5, 2020-21) Experimental studies on breakdown strength of transformer oil-based nanofluids: An overview (International Journal papers with impact factor <1.5, 2020-21) Performance Simulation of a PV module with shaded PV cells (International Journal papers with impact factor <1.5, 2020-21)

Who is Krishnendu R V, and what are her qualifications and teaching experiences in the field of Electrical Engineering?

Krishnendu R V is an Assistant Professor (Contract) in the Department of Electrical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on December 4, 2024. Qualifications: M.Tech. (Engg/Sciences) in Power Electronics and Control University: College of Engineering Idukki Year: 2013 B.Tech. in Electrical and Electronics Engineering University: P A Aziz College of Engineering Year: 2010 Contact Details: Email: krishnendu.rv@gmail.com Phone: 9496314977 Professional Experience: College of

Engineering Attingal College of Engineering Thalassery (10 months) P A Aziz College of Engineering (10 months)

Who is Sreekutty S, and what are their qualifications and teaching experiences in the field of Electrical Engineering?

Sreekutty S is an Assistant Professor (Guest) in the Department of Electrical Engineering at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on July 26, 2019. Qualifications: B.Tech in Electrical and Electronics Engineering University: Anna University Year: 2011 M.Tech. (Engg/Sciences) in Control and Instrumentation Engineering University: Noorul Islam Centre for Higher Education Year: 2013 Plus Two in Maths and Computer University: CBSE Year: 2007 SSLC in General University: CBSE Year: 2005 Contact Details: Email: srkuty@gmail.com Phone: 9526061465 Professional Experience: 1 year 10 months as a Research Assistant at IITMK in the field of Medical Image Processing 10 months as an Ad Hoc Faculty in the Department of Electrical Engineering at College of Engineering Attingal

What is the primary role of the Applied Science Department in laying the foundation for future engineers?

The Applied Science Department plays a crucial role in laying the foundation for future engineers by providing highly qualified and skilled faculty in Mathematics, Physics, and Chemistry. It assists students in transferring scientific knowledge to the physical environment and offers education in UG and PG courses, focusing on basic principles that are essential for engineering. The department fosters scientific temper and encourages the application of physical laws in engineering fields.

What equipment is available in the Engineering Chemistry Lab, and how does it aid students in their practical education?

The Engineering Chemistry Lab is well-equipped with essential equipment such as pH meter, conductivity meter, potentiometer, colorimeter, and analytical balance. This lab provides hands-on education in chemistry, helping students understand theoretical concepts through practical applications. The lab supports the development of students' problem-solving abilities and quantitative and qualitative skills.

What are the key objectives of the Engineering Physics Lab, and how do students benefit from the experiments conducted in this lab?

The objective of the Engineering Physics Lab is to help students gain practical knowledge and relate theoretical studies to real-world applications. The lab focuses on experiments related to optical phenomena, mechanical standing waves, voltage-strain relations, and current-voltage relations in strain gauges and solar cells. Students get hands-on experience with instruments such as a travelling microscope, CRO, solar cell trainer set, laser diffraction setup, and spectrometer, which enhances their observation skills and data collection techniques necessary for their studies.

Who are the assistant professors in the Department of Applied Science?

Suja Devi V  
Dr. Anup Thomas  
Syama S Mohan  
Narmada RN  
Dr. Annapoorna L R  
GOPIKA GOPAN  
Merlin Rajatha N R  
Dr. S P Viji  
Dr. Aswathy L B  
Dr. P Savitha  
Anjukrishna S  
Vrintha K V  
Dhanya V V  
Dr. Soumya Rani D  
Dr. Niju P  
Salinigopal M S  
Reshmi Krishnan R

Who is the Head of the Department of Applied Science?  
Suja Devi V is the HOD of Applied Science Department

Who is Suja Devi V, and what are her qualifications and teaching experiences in the field of Applied Science?

Suja Devi V. is an Assistant Professor and Head of the Department in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She has been working at the institution since January 31, 2008. Qualifications M.Sc. in Physics C.M.S. College, Kottayam Year: 1999 Teaching Experience Suja Devi V. has been serving as an Assistant Professor in the Department of Applied Science at SCTCE since 2008. Contact Details Email: [sujadevi@sctce.ac.in](mailto:sujadevi@sctce.ac.in) Phone: 9446269015

Who is Dr. Anup Thomas, and what are their qualifications and teaching experiences in the field of Applied Science?

Dr. Anup Thomas is an Assistant Professor in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on July 1, 2013. Qualifications Ph.D. in Chemistry CSIR IICT Hyderabad and Andhra University, Visakhapatnam Year: 2011 M.Sc. in Chemistry M.G. University, Kottayam Year: 2005 B.Sc. in Industrial Chemistry (Dual Main) M.G. University, Kottayam Year: 2003 Professional Experience Dr. Anup Thomas worked as a Junior Research Fellow (JRF) and Senior Research Fellow (SRF) at CSIR IICT from 2007 to 2011. Since 2013, he has been serving as an Assistant Professor of Chemistry at SCTCE. Contact Details Email: [anupvthomas@gmail.com](mailto:anupvthomas@gmail.com) Phone: 8547951319

Who is Narmada RN, and what are their qualifications and teaching experiences in the field of Applied Science?

Narmada RN is an Assistant Professor Adhoc in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on August 2, 2019. Qualifications MA in English Language and Literature Mar Ivanios College, Trivandrum Year: 2017 Professional Experience Narmada RN has served as a Guest Lecturer at Nirmalagiri College, Kannur, before joining SCTCE as an Assistant Professor. Contact Details Email: missnarmadarn@gmail.com Phone: 8086957544

Who is GOPIKA GOPAN, and what are their qualifications and teaching experiences in the field of Applied Science?

Gopika Gopan is an Assistant Professor on a contract basis in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on August 25, 2023. Qualifications M.Phil in English Language and Literature University of Kerala Year: 2023 MA in English Language and Literature University of Kerala Year: 2020 BA in English Language and Literature University of Kerala Year: 2018 Contact Details Email: gopika2711996@gmail.com Phone: 8129232293

Who is MERLIN RAJATHA N R, and what are their qualifications and teaching experiences in the field of Applied Science?

Merlin Rajatha N R is an Assistant Professor on a contract basis in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on August 25, 2023. Qualifications M.Phil in Mathematics Alagappa University, Karaikudai Year: 2007 M.Sc. in Mathematics M.S. University, Tirunelveli Year: 1999 B.Sc. in Mathematics M.S. University, Tirunelveli Year: 1997 Professional Experience Merlin Rajatha has 20 years of teaching experience at PRS College of Engineering and Technology. Contact Details Email: merlinjaisingh@gmail.com Phone: 9445180346

Who is DR. S P VIJI, and what are their qualifications and teaching experiences in the field of Applied Science?

Dr. S P Viji is an Assistant Professor on a contract basis in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on August 25, 2023. Qualifications Ph.D. in Mathematics Manonmaniam Sundaranar University, Tirunelveli Year: 2018 M.Phil in Mathematics Manonmaniam Sundaranar University, Tirunelveli Year: 2013 M.Sc. in Mathematics Manonmaniam Sundaranar University, Tirunelveli Year: 2007 B.Sc. in Mathematics Manonmaniam Sundaranar University, Tirunelveli Year: 2004 Diploma in Languages (PGDCA) Manonmaniam Sundaranar University, Tirunelveli Year: 2006 M.Phil in Mathematics (Distance Mode) Vinayaka Missions University, Salem Year: 2008 Professional Experience Dr. S P Viji has served as an Associate Professor at Heera College of Engineering, and has worked at K.N.S.K. College of Engineering, Nagercoil, and M.G. College of Engineering, Thiruvananthapuram. Publications "Even Path Decomposition of Geometric Mean Graphs," Journal Papers, 2021-22 "Geometric Mean Labeling of Some New Graphs," Journal Papers, 2021-22 "Decomposition of Geometric Mean Graphs," Journal Papers, 2020-21 "Geometric Mean Labeling of Line Graphs," Journal Papers, 2020-21 "Geometric Mean Labeling on Subdivision of Graphs," International Journal Papers with impact factor 1.5-2,

2016-17 Several other journal papers and conference proceedings related to geometric mean labeling of graphs. Contact Details Email: vijispillai84@gmail.com Phone: 8590422065

Who is DR. ASWATHY L B, and what are their qualifications and teaching experiences in the field of Applied Science?

Dr. Aswathy L B is an Assistant Professor on a contract basis in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on August 26, 2023. Qualifications Ph.D. in Chemistry Kerala University Year: 2021 M.Phil in Chemistry Kerala University Year: 2014 M.Sc. in Chemistry Kerala University Year: 2012 B.Sc. in Chemistry Kerala University Year: 2010 Professional Experience Dr. Aswathy L B has served as a guest faculty at N.S.S. College, Nemmara, Palakkad, for a period of 9 months. Contact Details Email: aswathy.balachandran44@gmail.com Phone: 9746514405

Who is DR. P SAVITHA, and what are their qualifications and teaching experiences in the field of Applied Science?

Dr. P Savitha is an Assistant Professor (Adhoc) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on August 25, 2023. Qualifications Postdoc in Mathematics NIT Trichy Year: 2021 Ph.D. in Mathematics Anna University Year: 2018 Professional Experience Assistant Professor at ACE College of Engineering, Thiruvallam, Trivandrum (March 22, 2023 to August 25, 2023) Guest Faculty at NIT Trichy for 5 months Post Doctoral Fellow (Teaching & Research) at NIT Trichy for 1 year 8 months Assistant Professor II at SASTRA Deemed University, Thanjavur for 1 year 6 months Assistant Professor at E.S Arts & Science College, Villupuram for 10 months Contact Details Email: savithapartiban@gmail.com Phone: 7639325777

Who is ANJUKRISHNA S, and what are their qualifications and teaching experiences in the field of Applied Science?

Anjukrishna S is an Assistant Professor in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on August 25, 2023. Qualifications BA in Economics MG University Year: 2011 MA in Economics MG University Year: 2013 Professional Experience Anjukrishna S has 7 years of teaching experience. Contact Details Email: anjukrishna028@gmail.com Phone: 9526724139

Who is VRINTHA K V, and what are their qualifications and teaching experiences in the field of Applied Science?

Vrintha K V is an Assistant Professor (Guest Faculty) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She will join the institution on January 27, 2024. Qualifications MA in English Language and Literature Kerala University Year: 2018 B.Ed. In English Kerala University Year: 2021 CSIR UGC NET in English Year: 2019 Professional Experience Vrintha K V worked for 2 years as an Assistant Professor at RPM College of Arts and Science College, Neyyadam, from November 10, 2021, to January 25, 2024. Contact Details Email: vrinthakvmalu@gmail.com Phone: 8848291369

Who is DR. SANU B, and what are their qualifications and teaching experiences in the field of Applied Science?

Dr. Sanu B is an Assistant Professor (Guest Faculty) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on September 11, 2024. Qualifications Ph.D. in Sports University of Kerala Year: 2010 Professional Experience Dr. Sanu B has 20 years of experience in Physical Education. Contact Details Email: sanutrivandrum@gmail.com Phone: 9745823081

Who is DHANYA V V, and what are their qualifications and teaching experiences in the field of Applied Science?

Dhanya V V is an Assistant Professor (Adhoc) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on July 22, 2019. Qualifications B.Sc. (Science) in Mathematics MG University Year: 2003 M.Sc. (Science) in Mathematics MG University Year: 2005 B.Ed. in Mathematics MG University Year: 2006 Professional Experience Dhanya V V has held various teaching positions at different institutions: DB College Thalayolaparambu (Sept 2009 - Mar 2010) Contact Details Email: vvdhanya83@gmail.com Phone: 9947921715

Who is Dr. Niju P, and what are their qualifications and teaching experiences in the field of Applied Science?

Dr. Niju P is an Assistant Professor (Guest) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. He joined the institution on November 30, 2021. Qualifications M.Phil. (Philosophy) in Mathematics S.T. Hindu College Year: 2009 Professional Experience Dr. Niju P has worked at the following institutions: Narayanaguru College of Engineering, Manjalumoodu (2005-2012) VKCET Parippally (2012-2018) Contact Details Email: adhvaitha31@gmail.com Phone: 9567561737

Who is Salini Gopal M S, and what are their qualifications and teaching experiences in the field of Applied Science?

Salini Gopal M S is an Assistant Professor (Guest) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on November 30, 2021. Qualifications: M.Sc. (Science) in Physics University of Kerala Year: 2021 Ph.D. in Physics University of Kerala Year: 2022 Contact Details: Email: salums85@gmail.com Phone: 9746557116

Who is Reshmi Krishnan R, and what are their qualifications and teaching experiences in the field of Applied Science?

Reshmi Krishnan R is an Assistant Professor (Guest) in the Department of Applied Science at Sree Chitra Thirunal College of Engineering, Trivandrum. She joined the institution on October 26, 2022. Qualifications: B.Sc. (Science) in Physics St. Xavier's College for Women, Aluva Year: 2003 M.Sc. (Science) in Physics Union Christian College, Aluva Year: 2005 B.Ed. (Education) in Physical Science SNM Training College, Moothakunnam Year: 2006 M.Phil. in Physics SPAP, MG University Year: 2007 Ph.D. in Optoelectronics (Physics) University of Kerala, Kariavattom Year: 2018 Teaching Experience: Government Guest Lecturer, NSS College for Women,



Neeramankara (04/10/2018 - 29/03/2019) Guest Lecturer, LBS Institute of Technology for Women, Poojapura (01/08/2019 - 30/06/2020) Assistant Professor (Adhoc), Government Engineering College-Barton Hill (30/11/2021 - 29/07/2022) Contact Details: Email: binureshmi@gmail.com Phone: 9846530308