Sree Chitra Thirunal College of Engineering (SCTCE), Thiruvananthapuram was established by the Govt. of Kerala in the year 1995. SCTCE was established in memoriam of the Great Maharaja of Travancore and is affiliated to the APJ Abdul Kalam Technological University (KTU) of Kerala with AICTE approval. The Institution has the broad objective of grooming young men and women into technocrats through the process of engineering education, training and research. SCTCE offers 7 undergraduate and postgraduate courses. SCTCE is also a research centre under APJ Abdul Kalam Technological university.

Vision: To become an engineering and Technology institution which is renowned for producing professionally capable and socially responsible engineers.

Mission: To create a learning process for students to acquire engineering fundamentals, in an environment that encourages analysis, team work, entrepreneurship and ethical values, thus preparing them for productive careers.

Chairman: Sri. K.B. Ganesh Kumar (The Hon'ble Minister of Transport, Government of Kerala)

Vice Chairman: Dr. K Vasuki (Secretary to Government (Transport), Government of Kerala)

Principal: Dr. C. Sathish Kumar

News & Updates:

- KTU BTECH TOPPERS: Congratulates students of Biotechnology and Biochemical Engineering in the B Tech examination.

- KERALEEYAM Tata Elxsi Campus Recruitment 2024: 24 STUDENTS OF SCTCE RECRUITED BY TATA ELXSI.

Upcoming Events: 9th IEEE WIECON - ECE 2023

Facilities: CCF, LIBRARY, SPORTS, HOSTEL, COLLEGE BUS, IEDC, CLUBS, ASAP

Campus Highlights: PLACEMENT, Major Activities, Statistics

Admission: KEAM Code - SCT

Programmes: 6 UG Programmes, 3 PG Programmes, PhD Programmes, Twinning Programmes

Accreditation: NBA, NIRF, ARIIA

Research: Projects, Labs, Research Areas, Training, Consultancy, Industry Interactions, Internships, MoUs

Government Funds:

Financial Year 2023-24: Plan Fund - 9 cr (Sanctioning Authority: Govt. of Kerala)

Financial Year 2022-23: Plan Fund - 9 cr (Sanctioning Authority: Govt. of Kerala), AICTE-RPS - 19 lakhs (Sanctioning Authority: Govt. of India)

Financial Year 2021-22: Plan Fund - 9 cr (Sanctioning Authority: Govt. of Kerala)

Financial Year 2020-21: Plan Fund - 9 cr (Sanctioning Authority: Govt. of Kerala)

Financial Year 2019-20: DST - 44.5 lakhs (Sanctioning Authority: Govt. of Kerala)

News & Updates:

- KERALEEYAM Tata Elxsi Campus Recruitment 2024: 24 students of SCTCE recruited by Tata Elxsi.

Upcoming Events:

- 9th IEEE WIECON - ECE 2023

Facilities:

- CCF, Library, Sports, Hostel, College Bus, IEDC, Clubs, ASAP

Campus Highlights:

- Placement, Major Activities, Statistics

Admission Details:

- KEAM Code: SCT

- Programmes: 6 UG Programmes, 3 PG Programmes, PhD Programmes, Twinning Programmes

Accreditations:

- NBA, NIRF, ARIIA

Research Activities:

- Projects, Labs, Research Areas, Training, Consultancy, Industry Interactions, Internships, MoUs

Board of Governors:

- K.B. Ganesh Kumar (Chairman, Hon'ble Minister for Transport, Govt. of Kerala)

- Biju Prabhakar IAS (Secretary, Govt. & CMD, KSRTC)

- Ajayan.C (Additional Secretary to Govt, Higher Education Dept.)

- Anila. L (Additional Secretary to Govt, Finance Dept.)

- Dr. Rajasree M S (Director of Technical Education)

- Sri.Shaji A (Financial Advisor and Chief Accounts Officer, KSRTC)

- Dr. R.Sasikumar (Board Member - Educationalist)

- Dr. C. Sathish Kumar (Principal)

- Sri.S.B.Asokan (Board Member - Educationalist)

Governing Body Meeting Minutes: 83, 84, 85, 86, 87, 88, 89, 90

Committees: A list of 20 different committees/cells with faculty in-charge assigned.

21. Professional Societies - Smt. Asha S 22. Computer Services & Networking - Smt. Rejimol Robinson 23. College Union & Student Activities including CULT AWAY - Sri. George M Joseph 24. Canteen Committee - Dr. Arun M 25. Staff Welfare - Sri. Baji K 26. Hostel Committee - Dr. Arun M 27. College Magazine, Publication & Public Relation - Dr. Gijoy S 28. Attendance Monitoring (Staff & Students) - Dr. Subu Surendran 29. AICTE Application & Accreditation - Dr. Subu Surendran 30. House Keeping - Smt. Ani Lawrence 31. Class/Time table Monitoring - Dr. Shyji S

Right to Information Act 2005:

- Public Information Officers

- Instructions and Procedure

- Account Details

- College Information

- Statutory declaration under section 4 (1) (b) of the RTI Act, 2005

Tenders: No specific tender details provided.

Principal: Dr. C. Sathish Kumar

- Served as Principal of Rajiv Gandhi Institute of Technology and Government Engineering College Idukki

- Over 32 years of experience as faculty in Government Engineering Colleges

- B.Tech in Electronics & Communication from TKM College of Engineering, M.Tech from IIT Bombay, Ph.D. from PSG College of Technology under Bharathiar University

- Served as Dean of Faculty of Engineering and Chairman of Board of Studies (PG) at University of Calicut

- Member of Syndicate and Board of Governors at APJ Abdul Kalam Technological University (2021-23)

- Senate Member of Cochin University of Science and Technology (2021-23)

- Guided 2 Ph.D. scholars, over 40 research publications, acquired around ₹38 lakh through sponsored projects

- Organized 2 national conferences, reviewer for 6 SCIE international journals, Ph.D. examiner at various universities

Dean Academic: Dr. Anoop Kumar S

- B.Tech and M.Tech in Mechanical Engineering from College of Engineering, Trivandrum

- 27 years of teaching experience at SCTCE

- 11 journal publications (SCIE/Scopus/UGC-CARE) and 14 conference publications

- Reviewer for journals like Industrial Lubrication and Tribology, Journal of the American Oil Chemists' Society, etc.

- Subject expert in departmental promotion committees at NIIST and VSSC

- Held positions like HOD Mechanical Engineering, Member of various bodies/committees at SCTCE and KTU

- Fellow and Chartered Engineer - Institution of Engineers, India

- Life Member of ISTE, ISNT, TSI

- Areas of interest: Tribology, Composites, Operations Management, Human Resources Management

Dean P.G. Studies: Dr. S. H. Anilkumar

- B.Tech in Mechanical Engineering from College of Engineering, Trivandrum

- M.Tech in Mechanical Engineering (Thermal Science) from College of Engineering, Trivandrum

- Ph.D. in Mechanical Engineering from NIT Calicut

- 27 years of teaching experience

- 4 journal publications and 10 conference publications

- Chaired and presented papers at international conferences in London and Germany

- Reviewer for Institution of Engineers Journal and national conference publications

- Participated in short-term courses at IITs and NITs

- Subject expert in departmental promotion committees at NIIST, VSSC, and SCTIMST

- HOD of Mechanical Engineering Department (2013-2016)

- In-charge Principal (2017-2018)

- Currently Dean PG Studies at SCTCE

- Fellow of Institution of Engineers and Chartered Engineer

- Life Member of ISTE, Combustion Institute, ISHMT, and ASME

- Areas of interest: Convective Heat Transfer, Waste Management in Transport Sector, Internal Combustion Engines, Research Methodology

Dean - Student Affairs: Dr. Shyji

- B.Tech (1997), M.Tech (2001), and Ph.D. (2019) in Mechanical Engineering from University of Kerala

- Joined SCTCE in 2001 as Lecturer in Mechanical Engineering, currently Associate Professor

- Served as Convenor-Centre for Continuing Education (CCE), Member-Academic Council, Member-TEQIP committee, Head-Innovation Centre for retrofitting Diesel bus to Electric Bus, Member-PG Board of Studies (KTU), Representative of KTU-PG Board of Studies at Mar Baselios College of Engineering

- Life Member of ISTE and ISHMT

- Publications in international journals and presentations at international conferences

In this cleaned version, I have reorganized the information into different sections, including committees, Right to Information Act details, tenders (if any), and profiles of key personnel like the Principal, Deans, and their qualifications, experience, and areas of interest.

Dean Planning and Development:

- Dr. George M Joseph

- In-charge of formulating expansion, diversification plans, and future infrastructure enhancement

- Responsible for preparation of developmental and maintenance proposals, monitoring progress, and utilization of funds

- Started career at SCTCE in 2001 as Lecturer in Electronics and Communication Engineering

- Currently Associate Professor in the same department

- M.Tech in Electronics Design Technology from NIT Calicut

- Ph.D. from University of Kerala in Design of High Performance Data Converters

College Office:

- Administrative Officer: Sajitha Kumari R

- Junior Superintendents: Indulekha K.N, Biju V A

- Civil Engineer: N K Pradeep Kumar

- Head Accountant: Asha G.K

- Senior Clerk: Lekshmi V

- Confidential Assistant: Asha R.P

- LDC: Aswathy R.B

- Clerical Assistant: Priyadarshini M.R

- Electrician: Sri. Giju C

- Plumber: Sri. Kirannath G

- Drivers: Sambasivan S (Senior), Anil P (Grade II Higher Grade), Sreekanth V S (Grade II), Rajeshkumar J S (Driver Cum Office Attendant)

- Office Attendants: K. Ayyappan, Jayavalli, Princy R S

- Sweepers: Suja A P T, K Retnamma P T, Sarojini B P T, Usha Nandini P T, Sanooja P T, P. Ambika P T

Undergraduate Programmes:

- B.Tech in Biotechnology & Biochemical Engineering (BB)

- B.Tech in Computer Science & Engineering (CS)

- B.Tech in Computer Science & Engineering (Artificial Intelligence & Machine Learning) (CL)

- B.Tech in Electronics & Communication Engineering (EC)

- B.Tech in Mechanical Engineering (ME)

- B.Tech in Mechanical Engineering (Automobile) (MA)

Admission Details:

- Tuition Fee Waiver Scheme for women/economically backward/physically handicapped meritorious students

- List of documents required for admission

- Fee structure for 2023-24 admission (Merit, NRI, TFW, SC/ST)

- Contact details for admission enquiries

Postgraduate Programmes:

- M.Tech in Mechanical Engineering (Machine Design)

- M.Tech in Computer Science and Engineering

- M.Tech in Electronics and Communication Engineering (Signal Processing)

- Admission process and selection criteria

- Prospectus 2023 and Spot Admission 2022 details

- List of documents required for admission

- Fee structure for Merit and KSRTC/SCTCE candidates

- Contact details for admission enquiries

Research (Ph.D.):

- Departments offering Ph.D. programmes: Mechanical Engineering, Computer Science & Engineering, Electronics & Communication Engineering

- Eligibility criteria for admission to Ph.D. programme

- Relaxation in CGPA requirement for SC/ST/OBC/Differently-abled candidates

Research (Ph.D.) Details:

- Maximum number of Ph.D. scholars a Professor, Associate Professor, and Assistant Professor can guide at any given time is 8, 6, and 4 respectively.

- Interested candidates have to appear for a written test and interview conducted by APJ Abdul Kalam Technological University (KTU).

- KTU will publish the list of selected candidates for the Ph.D. programme.

- Candidates can contact faculty members to identify research topics and take admission through KTU.

- A Doctoral Committee will be constituted for each candidate to monitor their research work.

- Six months of residential period is compulsory for part-time Ph.D. scholars while doing coursework.

- Research scholars can publish papers in reputed journals and present at international/national conferences.

- Minimum period for submitting the Ph.D. thesis is 2 years and 6 months.

Faculty Guiding Ph.D. Scholars:

- Dr. Sathish Kumar C (Electronics & Communication Engineering)

- Dr. S.H. Anilkumar (Mechanical Engineering - Heat Transfer)

- Dr. E. Jayakumar (Mechanical Engineering - Metallurgy and Materials Engineering)

- Dr. Jisu Elsa Jacob (Electronics & Communication Engineering - Biomedical Signal Processing)

- Dr. E.G. Kavilal (Mechanical Engineering)

- Dr. Lakshmi V.S. (Electronics & Communication Engineering - Secure Communication, Signal Processing, IoT Security)

- Dr. Libish T.M. (Electronics & Communication Engineering - Opto Electronics)

- Dr. G. Mohan (Mechanical Engineering)

- Dr. K.B. Radhakrishnan (Biotechnology and Biochemical Engineering)

- Dr. M.K. Sheeja (Electronics & Communication Engineering)

- Dr. P.S. Smitha (Electronics & Communication Engineering - Nanotechnology, Energy Storage Devices)

Research Forms and Minutes:

- Forms 1 to 8

- Minutes 1 to 8

Accreditation:

- NBA Accreditation details for B.Tech programmes in Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Mechanical Engineering (Automobile).

Academic Programmes:

- Undergraduate (B.Tech) and Postgraduate (M.Tech) programmes offered.

- Departments and intakes for each programme.

Resources:

- Links to APJ Abdul Kalam Technological University syllabus for various B.Tech and M.Tech programmes.

- Curriculum and syllabus for B.Tech (2019) batch.

Computer Science & Engineering Department:

- Details about the department, including B.Tech and M.Tech programmes, accreditation, research centre status, laboratories, infrastructure, and achievements of graduates.

The department's main goals include the development of students through challenging coursework, engaging research, and the teaching of skills that meet industry standards. Students have the option of gaining access to IEEE, Springer, and Science Direct's online journals. Students are encouraged to take part in intercollegiate technical and cultural competitions. In the national level project competition held by CSI-Inapp in 2019 and 2020, our students took first place. Additionally, a number of projects have been praised. The Department places a high priority on the planning of workshops, seminars, industrial visits, and internship programmes to encourage students to think outside the box and be more in tune with current business trends. Tata Elxsi is offering internships to 20 Department final-year students in exchange for a respectable salary. In addition to offering opportunities for students to advance their technical abilities, the Department also hosts very active chapters of professional organisations like IEEE and CSI. Students regularly contact with alumni to receive support and gain exposure to the industry and other disciplines. The two active student organisations in our department are Lanscape and AMAS, and they regularly hold technical workshops and expert speeches. Major Recruiters Program Educational Objectives Program Outcomes (PSOs) Organizational Structure Head of the Department: Rejimol Robinson R R Vision: To be a premier centre for education and research in the field of Computer Science and Engineering. Mission: 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. About Department Mechanical Engineering Mechanical Engineering is one of the oldest engineering disciplines and among the most diverse in terms of the variety of applications. Mechanical Engineers apply the principles of mechanics and energy to the design of machines and devices, operation and their maintenance. Under department of Mechanical Engineering, Division of Automobile Engineering and Division of Electrical Engineering are functioning. Vision of the Department: The department aspires to be a symbiotic learning space in Mechanical engineering in equilibrium with the development of mankind. Mission of the Department: The department is committed to nurture students in Mechanical Engineering by imparting knowledge and facilitating intellectual stimulus to analyze and innovate through fruitful interactions and synergistic activities, upholding ethical values. PEOs - B.Tech Mechanical Engineering - Apply the knowledge of Mechanical Engineering to solve problems of society and

pursue higher education and research. - Function effectively as a team member or leader in the conception, design and implementation of mechanical systems and processes through interdisciplinary approach. - Maintain sensitivity to societal and professional needs and adopt ethical action for sustainable development. PEOs - B.Tech Mechanical (Automobile) Engineering - Apply the knowledge of Mechanical and Automobile Engineering to innovate, design, manufacture and evaluate vehicles. - Be able to use latest design, analysis and evaluation tools and protocols and offer solutions to make automobiles that are safe and environment friendly. - Understand and appreciate the interdisciplinary nature of Automobile Engineering and be able to function as a leader / team member of multifaceted groups. - Maintain sensitivity to safety, sustainability and professional ethics. About the Department of Electronics and Communication Engineering The Department of Electronics and Communication Engineering was started during the inception of the institute, in the year 1995. The annual intake for the undergraduate programme is currently 120 students. The department offers minor in Artificial Intelligence, Mechatronics etc to facilitate the students to get a B.Tech Degree in Electronics and Communication Engineering with minor in the specified course. The department also offers Honours degree in Electronics and Communication Engineering. A Postgraduate programme (M.Tech) in Signal Processing, with an annual intake of 18 students, was started in the year 2011. The department has been an approved research centre under APJ Abdul Kalam Technological University (KTU) since 2016 and high-quality research work in areas such as holographic storage system, optical communication, optical fiber sensors, nanomaterials and devices, machine learning, secure communication and data processing, wireless communication and biomedical signal processing is carried out in the department. The department organizes several national and international conferences, seminars, workshops, faculty development programmes and community development programmes for the benefit of students, faculty and society. The B.Tech programme in ECE has accreditation till 2025. Vision of the Department: To be a centre of quality education and research in the field of Electronics and Communication Engineering, to mould socially responsible engineering professionals.

Mission of the Department: - To provide quality education ensuring systematic teaching learning process. - To impart value-based education to prepare students to become socially committed engineering professionals. Program Educational Objectives (PEOs): PEO1: Pursue higher education and research, motivated in lifelong learning. (Knowledge) PEO2: Engage in design, development and testing of systems in the field of electronics and communication engineering. (Professional competence) PEO3: Work as competent engineers in a team involving core/interdisciplinary projects. (Interpersonal skill) PEO4: Use engineering skills to adapt technology for the betterment of the society. (Entrepreneurship) Program Specific Outcomes (PSOs): PSO1: Ability to acquire and update the principles and techniques in Electronics and Communication Engineering for the analysis of engineering problems. PSO2: Ability to design and implement engineering solutions in Electronics and Communication Engineering with acquired technical knowledge with an insight of social, economic, environmental and ethical aspects. PSO3: Ability to communicate effectively and develop interpersonal skills in multidisciplinary areas, committed to professional ethics in diverse areas of engineering. Industry Interaction: - Department has MoU with Texas Instruments for the implementation of Texas Instruments University Programme in SCTCE in the areas of Advanced Microcontrollers, Robotics and IoT. - Department has MoU with Kalasalingam Academy of Research and Education to promote the quality of technical education and provide assistance for research activities. - Department has MoU with WebTek Labs Pvt. Ltd to deliver workshops. - Department has MoU with Infosys, Mahindra, CDAC, BSNL and TATA Elxsi for training students as per industry standards. - Infosys Campus Connect program is implemented to make students industry ready. -

Mahindra Pride School and Mahindra provides soft skills and technical skills training. - Technical support from Optical Image Processing Division, Centre for Development of Advanced Computing (CDAC). - Employability Enhancement Training Programme (EETP) is an initiative jointly organized by AICTE and BSNL to enhance competency skills of graduating students. - Activ@TE is an initiative of Tata Elxsi for training final year students by providing a stipend of Rs.7000/- per month. Head of the Department: Dr. Sheeja M K About Department of Biotechnology and Biochemical Engineering: The department occupies a unique niche at SCTCE, thanks to a highly qualified and committed faculty team with rich experience and expertise in Biosciences, Bioengineering, Chemical engineering and allied disciplines. The department has been consistently working towards accomplishing its vision of emerging as a centre of quality education, training, research and entrepreneurship in Biotechnology and Biochemical Engineering. The department has entered into MoUs with reputed companies like HLL Life Care Ltd. Thiruvananthapuram, Green Method Engineering Pvt. Ltd. Kochi and Ram Biologicals, Kozhikode, for students to pursue internships and industry-oriented projects. Vision of the Department: To emerge as a centre of quality education, training, research and entrepreneurship in Biotechnology and Biochemical Engineering. Mission of the Department: To impart sound knowledge of basic concepts in Biotechnology and Biochemical Engineering to help students emerge as competent professionals. To inculcate passion and motivation for pursuing higher studies and develop a flare for lifelong learning. To equip students with skills to identify, analyze and solve problems relevant to Biotechnology and Biochemical engineering. Program Educational Objectives: - Graduates will excel in Biotechnology and allied industries as good process engineers capable of handling various production related activities including quality control. - Graduates will serve as competent professionals with strong ethical values and communication skills. - Graduates will pursue extended studies and research in reputed institutions at the national and international level. Program Specific Outcomes: - 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 capabilities required to function successfully as a member or leader for managing various bioprocess-related projects, with understanding of contemporary technological changes. Head of the Department: Dr. K. B. Radhakrishnan About Electrical Engineering Division: Basic understanding of electrical engineering is essential for engineers who need to work in any industry. The Electrical Engineering Division works closely with organizations like KSRTC, state consumer disputes' redressal forum, etc. About Applied Science Department: The department has been silently laying the foundation stone for tomorrow's engineers with highly qualified and skilled faculty in Mathematics, Physics and Chemistry. It moulds budding engineers and assists them in transferring scientific knowledge to the physical environment. Head of the Department: Suja Devi V.

Sure, here's a more detailed version of the cleaned-up data for your college chatbot:

CULT A WAY

Cult a Way is the annual technical and cultural festival of SCT. It was started in 2011 but took off rapidly and became one of the major college fests in Kerala. It is a four- or five-day event held annually, and almost all colleges in the state participate in this event. The events include technical workshops, cultural events like dance programs, treasure hunts, quizzes, fashion shows, etc. Cult A Way is known for its proshows that attract students and others in large numbers. These proshows

mark the culmination of the 4-day festival, which is highly popular among the younger generations of the state and is considered one of the best fests in Kerala.

EVENT SCHEDULE

- **CULT A WAY 2022**

    - **Date:** [Insert specific date or date range]

    - **Venue:** [Insert venue details]

    - **Events:**

        - Technical Workshops

        - Cultural Programs (Dance, Treasure Hunt, Quiz, Fashion Shows, etc.)

        - Proshows

Clubs:

1. **Music Club (Malhaar):**

    - Description: SCT's very own music club where passion for music is celebrated. It caters to various musical interests, offering activities for everyone to enjoy.

    - Activities: [List specific activities]

    - Club In-Charge: Dr. JISU ELSA JACOB

2. **L & D Club (Literary and Debate Club):**

    - Description: Focuses on sharpening communication and critical thinking skills through lively discussions and structured arguments.

    - Activities: [List specific activities]

    - Club In-Charge: SAJITH SETHU

3. **Dance Club:**

    - Description: A vibrant hub for passionate dancers to create mesmerizing performances. Has a history of remarkable achievements and prestigious accolades.

    - Activities: [List specific activities]

    - Club In-Charge: Dr. ROHINI

4. **Film Club:**

    - Description: Connects film enthusiasts to explore, appreciate, and discuss the art of cinema.

    - Activities: [List specific activities]

    - Club In-Charge: BAJI K

5. **Photography Club:**

- Description: A community of enthusiastic photographers sharing and enhancing photography skills.

- Activities: [List specific activities]

- Club In-Charge: BAJI K

6. **Fashion Club:**

   - Description: A vibrant hub for fashion enthusiasts celebrating personal style, trends, and creativity.

   - Activities: [List specific activities]

   - Club In-Charge: Dr. ROHINI

7. **Cycling Club:**

   - Description: A community of avid cyclists promoting a healthy lifestyle and exploring scenic routes.

   - Activities: [List specific activities]

   - Club In-Charge: Dr. ARUN M

LANSCAPE:

LANSCAPE is a vibrant association comprising innovative students, faculty members, postgraduate students, undergraduate students, and alumni from the Computer Science and Engineering Department at SCTCE. It serves as a confluence of technology and culture, playing a pivotal role in promoting technical innovations, research endeavors, and national-level cultural activities. The association's overarching mission is to cultivate a research-oriented mindset within the realm of computer science. To achieve this, LANSCAPE regularly organizes workshops, seminars, and other educational events aimed at rejuvenating the intellectual curiosity and technical prowess of its members. Additionally, LANSCAPE extends its support through sponsorships and technical assistance for various academic and extracurricular initiatives. One notable initiative of LANSCAPE is the Code Club, which encourages collaborative group projects aligned with departmental and institutional objectives. The association also acknowledges and celebrates the outstanding contributions of both current students and alumni. Notably, LANSCAPE fosters a dynamic environment that fosters regional and international communication, collaboration, and lifelong learning among its diverse membership.

CEST:

CEST, an association within the Electronics and Communication Department at SCTCE, serves as a catalyst for student development in various dimensions. Originally established in the late 90s and revitalized in 2014, CEST has been instrumental in providing students with invaluable insights into the latest technological developments. Through a range of activities including seminars, workshops, and symposiums, CEST aims to bridge the gap between theoretical knowledge and practical industry applications. The association places a strong emphasis on enhancing students' organizational skills, technical expertise, teamwork, leadership qualities, and mutual understanding. CEST also serves as a

platform for students to engage with industry trends, thereby preparing them for successful careers in the field of electronics and communication engineering.

Indian Institute of Chemical Engineers (IIChE):

The IIChE Student Chapter at SCTCE, operating under the Trivandrum region of the association, was established in May 2017 within the Biotechnology and Bio-Chemical Engineering Department. With a membership of over 100 students, the IIChE chapter focuses on organizing conferences, seminars, and symposiums related to Chemical Engineering, Biotechnology, and Project Management. These events provide students with invaluable opportunities to expand their knowledge, engage with industry experts, and delve into core research areas within their field of study.

Cybots:

Cybots, the robotics club at SCTCE, is a dynamic platform for students passionate about robotics and technological advancements in this domain. Founded by students from the Electronics and Communication Engineering batch, Cybots aims to nurture students' creativity and technical acumen in robotics. The club actively participates in robotic competitions at both intra and inter-college levels, organizes workshops, and conducts various events to promote hands-on learning and skill development in robotics. Cybots also fosters a collaborative environment, encouraging teamwork, leadership, and innovative thinking among its members.

Meckartans:

Meckartans represents a group of automobile enthusiasts at SCTCE who are deeply engaged in designing, analyzing, and fabricating go-karts with unique specifications. The club actively participates in national-level events, showcasing their technical prowess and automotive engineering skills. In addition to their competitive endeavors, Meckartans also contribute to knowledge sharing by organizing workshops and seminars on various aspects of automotive engineering, benefiting both students within the institution and the broader community.

AMAS (Artificial Intelligence and Machine Learning Association of Students):

AMAS, established in 2022 under the umbrella of the Computer Science Department at SCTCE, is dedicated to promoting knowledge and awareness in the fields of Artificial Intelligence (AI) and Machine Learning (ML). Led by dedicated faculty members and enthusiastic students, AMAS conducts workshops, seminars, and events such as "Aiverse - Introduction to MediaPipe" and "Introduction to Hugging Face Library." These initiatives provide students with practical exposure to cutting-edge technologies and equip them with the skills needed to excel in the rapidly evolving landscape of AI and ML.

SCTCE Overview:

Sree Chitra Thirunal College of Engineering (SCTCE) was established in 1995 by the Government of Kerala. Affiliated with the APJ Abdul Kalam Technological University and approved by AICTE, SCTCE is committed to nurturing young talents into technocrats through comprehensive engineering education, training, and research. The college offers a diverse range of undergraduate and postgraduate courses across various engineering disciplines. SCTCE boasts state-of-the-art facilities such as the Central Computing Facility (CCF) and a well-equipped library, providing students with access to a wealth of academic resources, digital databases, and learning opportunities. The institution's vision is to produce professionally capable and socially responsible engineers, while its mission emphasizes a holistic learning environment that encourages analytical thinking, teamwork, entrepreneurship, and ethical values among students.

Central Computing Facility (CCF): The CCF serves as the central hub for addressing all networking-related issues within SCTCE. It is equipped with a fiber optic network that seamlessly connects various departments to facilitate efficient communication and data transfer. Recognized as an approved facilitation center by the Government of Kerala, the CCF offers online registration services for candidates participating in the Common Entrance Examination (CEE). Additionally, the college's computing resources, including 49 Dell Optiplex 5050MT desktop computers with Intel Core I5-7700 Processor, 1TB SATA HDD, and 8 GB RAM, support a dual-boot system accommodating both Windows and Linux operating systems. The CCF also houses a Dell Power Edge T4b30 server running Windows 2012 R2 as a domain controller, along with five HP Blade servers dedicated to campus automation tasks. Operating from 9:30 am to 7:00 pm, the CCF caters to the technological needs of students across all branches.

Library: The Central Library at SCTCE serves as a dynamic hub for knowledge creation, acquisition, organization, and dissemination. Boasting an extensive collection of resources, including over 32,000 books and 66 national and international journals/magazines, the library offers a rich learning environment for students and faculty alike. In addition to its conventional library setup, the institution features a Digital Library housing a plethora of digital documents such as E-books, E-journals, Technical Reports, and Project Reports. Access to renowned E-journal packages like IEL online (IEE), Elsevier's Science Direct, ASME, Springer, DELNET, and NDL membership further enhances students' research capabilities. The library's robust infrastructure supports Wi-Fi access, enabling users to explore E-resources seamlessly on various devices. Noteworthy services provided by the library include the D Space Digital Repository, Reprographic Facility, User Education Programme, Selective Dissemination of Information (SDI), Current Awareness Services (CAS), Online Public Access Catalogue (OPAC), and more. Library operations are streamlined through the Library Management Software LIBSOFT, ensuring efficient cataloging, retrieval, and circulation of resources. The Library Council, comprising dedicated faculty and staff members, plays a pivotal role in shaping library policies and services to enhance the overall learning experience for students. The library's commitment to information management fosters self-motivated learning, knowledge preservation, and continuous enlightenment for aspiring engineers.