



SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING

PAPPANAMCODE, THIRUVANANTHAPURAM, KERALA-695 018

(Established in 1995 under the Government of Kerala)

Recognized by AICTE, Affiliated to A.P.J. Abdul Kalam Technological University

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2018-2019 Annual reports highlighting the programmes undertaken by the teachers

During the academic year 2018-2019, SCT College of Engineering (SCTCE) organized two Faculty Development Programmes (FDPs) sponsored by APJ Abdul Kalam Technological University. The FDPs focused on 'Emerging Trends and Future Applications of Microelectronics & MEMS' and 'E-Mobility', providing faculty members with insights and skills relevant to current and future technological advancements.

The FDP on 'Emerging Trends and Future Applications of Microelectronics & MEMS', was coordinated by Dr. Nisha Jose K and Prof. Aparna P.R, faculties of Department of Electronics and Communication Engineering, was conducted at SCTCE from 20th to 25th June, 2019. The programme provided valuable insights, practical skills, and industry perspectives, empowering participants to contribute effectively to teaching, research, and innovation

Dr. S. H. Anilkumar , Professor in Mechanical Engineering Department and Dr. Boby Philip, Assistant Professor in Electrical Engineering Division coordinated the FDP on 'E-Mobility', sponsored by APJ Abdul Kalam Technological University . The program was held at SCTCE from 26th June to 1st July, 2019. The FDP aimed to enhance the knowledge and skills of faculty members in the emerging field of electric mobility. The programme provided expert sessions, hands-on workshops, and interactive discussions, providing a comprehensive overview of e-mobility technologies and their applications.

SCTCE served as a research partner in collaboration with NFTDC, IIT Madras, IISc Bangalore, IIT Bhuvanewar through DST funded consortium project, for the development of Centre for H2 Solutions-Materials & Energy Systems. Dr G Mohan, Professor in Mechanical Engineering is the Nodal Officer of the research consortium.

The active participation of faculty members in a variety of FDPs during the academic year underscores their commitment to professional growth, teaching excellence, and research advancement. The faculty members' participation in FDPs during the academic year is listed below.

Name of the participant	Designation	Title of the FDP / professional development program	Dates (from-to)
Dr. SHIMI LAWRENCE	Professor	General Engineering (Design and Engineering)	03-12-2018 to 07-12-2018
SUMESH CK	Asst.Professor	Modeling and Analysis of just-in-time Production Systems (MAJPS 18)	18-06-2018 to 23-06-2018
SUSMITHA KUMARI S	Asst.Professor	Research Challenges In Data Analytics	06-12-2018 to 13-12-2018
Dr ANUP THOMAS	Professor	Induction Training Programme (ITP)	18-06-2018 to 29-06-2018
Dr. ANIL KUMAR SH	Professor	Convective Heat Transfer	01-02-2019 to 01-03-2019
BINDHU BERNAD	Asst.Professor	Recent Trends in Mechanical Characterization of Bituminous Binders and Mixtures	24-06-2019 to 28-06-2019
APARNA PR	Asst.Professor	Emerging Trends and Future Applications of Microelectronics and MEMS	20-06-2019 to 25-06-2019
RESHMI KRISHNAN S	Asst.Professor	E-Mobility	26-06-2019 to 01-07-2019

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.

These programs have equipped them with the skills, knowledge, and insights necessary to enhance their roles as educators and leaders within the institution. These programmes have significantly contributed positively to the overall academic environment at SCTCE.



PRINCIPAL

