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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2021-2022 Annual reports highlighting the programmes undertaken by the teachers

In the academic year 2021-2022, Sree Chitra Thirunal College of Engineering(SCTCE) organized three Faculty Development Programmes (FDPs) . 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. An online workshop on Outcome Based Education was also conducted during this period.

FDP on 'The Art Gallery of Engineering Graphics' was coordinated by Dr. S. H. Anilkumar and Dr. Arun M., faculties of Department of Mechanical Engineering, from 2nd to 6th August, 2021. This FDP aimed to enhance faculty proficiency in engineering graphics and its application in teaching and research.

The FDP on Research Perspectives of Machine Learning & Deep Learning for Signal Processing Applications' was coordinated by Prof. Bindu V. and Dr. Lakshmi V. S., faculties of Department of Electronics and Communication Engineering, was conducted at SCTCE from 6th to 10th September, 2021. This FDP focused on exploring advanced research perspectives in machine learning and deep learning specifically applied to signal processing applications.

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. RENJITH RJ	Asst.Professor	Recent Advancements in Wireless Communication Technologies	13-07-2021 to 17-07-2021
Dr. ANOOP MS	Asst.Professor	Green Buildings & Built Environment	31-05-2021 to 04-06-2021
Dr. RINU SATHYAN	Asst.Professor	Outcome Based education and NBA Accreditation	07-06-2021 to 12-06-2021
SYAMA R	Asst.Professor	Online Short-Term Course on Deep Learning	6.7.2021- 10.07.2021
Dr. ANUP THOMAS	Asst.Professor	Outcome based education and Technology in Higher Education	14-07-2021 to 03-08-2021
SOJA SALIM	Asst.Professor	Artificial Intelligence and applications	09-08-2021 to 14-08-2021
RESHMI KRISHNAN S	Asst.Professor	Recent &Future Research Trends in Non conventional energy sources	6-9-2021 to 10-9-2021
RUBEENA S	Asst.Professor	Technological interventions in water Resources Management	6-9-2021 to 10-9-2021
APARNA PR	Asst.Professor	Reasrch prespective on machine learning and deep learning for signal processing applications	06-09-2021 to 10-09-2021

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.

BINDHU BERNAD	Asst.Professor	Strategic Civil Infrastructure - Geotechnics for Infrastructure Projects	22-11-2021 to26-11-2021
Dr. SHIMI LAWRENCE	Professor	Inculating universal human values in technical education	21-2-2022 to25-2-2022
AMEENA A	Asst.Professor	MATLAB and Latex for Beginners	4-4-2022 TO8-4-2022
Dr. ANI LAWRANCE	Asst.Professor	Statistics for researchers	23-05-2022 to 25-05-2022

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