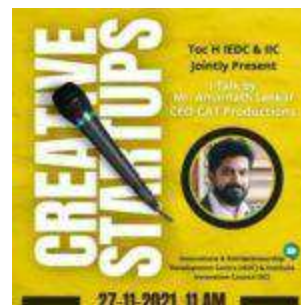# ACADEMIC YEAR 2021–22

TALK ABOUT CREATIVE STARTUPS

S1 EL & EEE students participated in the talk "Creative Startups" by Mr. AmarnathSankar, CEO CAT productions, organized by IEDC & IIC Toc H on 27th November 2021

TALK ON ELECTRICAL SAFETY AUDIT

Dept of EEE students and Dept. of SFE students had attended a meeting with the National Safety Council members and Electrical Inspectorate officials on May 20th 2020. The topic was the Electrical Safety audit. Shri Sunny Mathew, Deputy Chief Electrical Inspector, Ernakulam had addressed the audience on this occasion.

TALK ON SCHEDULE AND MARKET OPERATION BY STATE LOAD DISPATCH CENTER

On 3rd June 2022, Ms. Gertrude K.G Assistant Executive Engineer (Market and Operation), Load Dispatch Center, Kalamassery, gave a talk on the topic 'Schedule and Market Operation by State Load Dispatch Center, Kerala'. The session gave an insight to the students on how the load dispatch center is able to ensure continuity and quality of power supply to the consumers. A total 27 students from EL attended the session.

INTRODUCTORY TALK ON ELECTRICAL SAFETY AUDIT

On 14th June 2022 an Introductory talk on Electrical Safety Audit was given by Dr. Ramesh V M, Honorary Secretary, National Safety Council for EE & EL 2021 Admission and EE & EL 2020 Admission. A total of 27 students from EL attended the session.
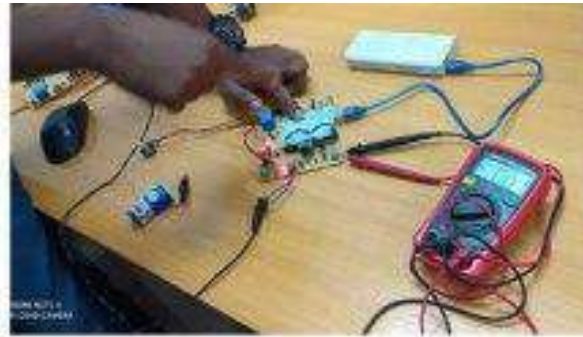

AWARENESS PROGRAMME ON IIC AND ENTERPRENEURSHIP SKILL DEVELOPMENT'

On 16th June 2022 Toc H IIC organized an awareness program on 'IIC and Entrepreneurship Skill Development'. The Department IIC faculty Coordinators Asst. Prof. Aishwarya V and Asst. Prof. Aparna S Nair addressed the EL& EE 2020 and EL& EE 2021 Admission students. A total 27 students from EL attended the session

3–DAYS HANDS-ON WORKSHOP ON "INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO"

Department of Electrical and Electronics Engineering in association with IEDC, TIST organised a 3- Day hands on Workshop on "Innovative Product Development Using Arduino" which was handled by Mr. Lawrence Noel A. J, Embedded System Engineer, Comlift Hydraulics Pvt. Ltd. during 18-20th November 2021. A total of 27 participants including 15 students attended the session.

This 3 day hands-on Workshop helped faculty and students to understand the key concepts and logic behind programming using ARDUINO. Day 1 of the workshop focussed on the basic concepts of ARDUINO and its programming. Day 2 of the workshop emphasised the design and hands-on implementation of various types of water-level controllers, whereas the Day 3 focussed on the design and implementation of open-loop and closed-loop DC/DC converters for power electronics applications

ONE DAY ORIENTATION PROGRAMME ON 8085 MICROCONTROLLER AND ARDUINO

On 12th November 2021, Asst. Prof. Anjumol C S and Asst. Prof. Aishwarya V of EL department attended the "One day Orientation programme on 8085 microcontroller and Arduino" for EEL 331 Microprocessors & Microcontrollers Laboratory, conducted under SPAN of ECE Department. The session was handled by Asst. Prof. Rekha George and Asst. Prof. Roshni Polly of EC Department, TIST.

WOMEN-ORIENTED TRAINING ON PYTHON PROGRAMMING

On 3rd and 4th March 2022, seven students of S1 EL participated in the Women -oriented training on Python Programming conducted by ICFOSS (International Centre for Free and Open Source Software) as a part of the gender and technology programme. It was organized by the Dept of CSE. The classes were handled by subject expert Mr Akhil from ICFOSS.

WEBINAR ON INTRODUCTION TO POWER FACTOR CORRECTION

S1(2021 Admission) and S3 (2020 Admission) students of EL branches participated in the webinar on "Introduction to power factor correction" conducted by the L&T switchgear training centre, Coonoor on 28th December 2021.