

## EVENTS

### ❖ FACULTY DEVELOPMENT PROGRAMS:

- FDP on “School on advanced control systems” was organised during 09-14<sup>th</sup> December 2019 focussing key areas of control engineering. 26 faculty members from various engineering colleges attended the program at EEE Department Seminar Hall.
- A TEQIP-PHASE II sponsored FDP on “Emerging trends in Hybrid Electric Vehicle Technology” was organised during 02-06<sup>th</sup> December 2019. VARIOUS Sessions were handled by experts from IITs, NIT and Industries. 30 faculty members from various engineering colleges attended the program held at EEE Department Seminar Hall. The program gave a detailed insight into simulation and hardware implementation of Electric drives for Hybrid Electric Vehicles



- ❖ **IEEE PELS CHAPTER INAUGURATION:** The IEEE Power Electronics Society (PELS) Student Branch Chapter of GECT was inaugurated by Dr. Sanjib Kumar Panda, Professor of National University of Singapore (NUS) and PELS Asia-Pacific region Chair held on 12th March 2019 at Maxwell Hall, Electrical Department, Government Engineering College Thrissur. Dr.Panda is an Associate Professor and Director of the Power and Energy Research Area with Department of Electrical and Computer Engineering, National University of Singapore.
  
- ❖ **IEEE PELS/IAS SBC GECT Distinguished Lecture Program (DLP):**The Distinguished Lecture Program on “Large Scale Solar PV Electricity Grid Integration: Technologies, Issues, Market Integration and Impact” by Prof. Vassilios G. Agelidis, organised by IEEE Power Electronics Society(PELS) and Industrial Application Society(IAS) SB Chapters of Government Engineering College, Thrissur(GECT) held at Eastern Amphi-theater, Government Engineering College, Thrissur on 27th February 2019. The lecture was attended by around 100 students and faculty.
  
- ❖ **INNOVANCE 3.0 DAY 1:** IEEE SB GEC Thrissur kickstarted the 3rd edition of its annual three day event INNOVANCE 3.0 on Friday (8/2/2019) at 2.30 p.m. at the college auditorium. With all the young minds ready for the new extravaganza, the event was inaugurated by Padma Shri. Madhavan Chandradathan, Indian space scientist, scientific advisor of Kerala chief minister and the former director of Vikram Sarabhai Space Centre. The event saw about 100 students from different colleges, from in and around the state. The event included interactive sessions and workshops on the topics Blockchain, LiFi. The experts handled various sessions were Mr. Shahul Hameed, is a self-made entrepreneur and Senior product Engineer at Entri apps, Gen Robotics cofounder- Nikhil. N.P., Blockchain Developer, Mr. Abilash Sreedharan, Mr. Prasanth V P who is a Senior Delivery Manager – Data Science at Orion Business Innovation. Mr. Baburaj C, Info Security Officer at Orion and former Product Architect and Leader of Wipro Technologies is a Certified ISO 27001 Lead Auditor (BVQI) and Certified Project Management Professional. Akash P Nambiar, UST global, and IEEE young professional.

#### ❖ **EXPERT LECTURES:**

- A technical talk on “Practical Approach to DSP” by Mr. Hameem C Hamsa was conducted under IIC by EEE Department GEC Thrissur on 21<sup>st</sup> November 2019. Mr. Hameem C Hamsa currently working as Lead Engineer, Cirel Systems Bangalore. An interactive session after the talk was there for the S7 EE B.Tech students.
- A technical talk on “Flexible AC Transmission System” by Dr. M. Nandakumar, conducted under VFS by EEE Department GEC Thrissur on 20<sup>th</sup> November 2019.
- A talk on “Introduction to Solar PV system for Domestic Application” by Prof. Johnson Mathew, conducted under VFS by EEE Department GEC Thrissur on 25<sup>th</sup> October 2019, at Maxwell hall, GEC Thrissur.

#### ❖ **FLOOD RELIEF SUPPORT 2019**

**Power bank production:** In the midst of a herculean disaster flood in the state ISTE GEC chapter extended its helping hand to the needy. Around 200 units of power banks were produced and sent to the needful throughout the state. The venture meant a huge relief for all the victims and those in danger as this extra power helped them out of danger during 19/08/19 to 23/08/19.

**Technical assistance for the affected homes:** ISTE GEC chapter offered a helping hand to the flood victims as a team of 50 students from the college along with faculty members visited homes of flood victims and engaged in the repair of electrical appliances and utilities. The team of students were able to cover over 100 homes across the Thrissur district with maximum focus on Nilambur area. Around 70 houses were repaired during visit during 02/09/19 to 07/09/19.

- ❖ **KURUKSHETHRA'18:** Debate competition ISTE GEC Chapter organised a debate competition on the 12th of November 2018 over technical topics. Around 15 teams had participated, and it was a two day program. The winners were awarded certificates and a cash prize.

#### ❖ **IEEE PES DLP (Distinguished Lecture Program)**

A distinguished lecture program was organized by IEEE Power and Energy Society on “DYNAMIC STATE ESTIMATION” by Mr. Sreehari Venugopal on October 1st, 2018 from 10:00 a.m to 12:00 p.m. Mr. Sreehari Venugopal works as a R & D Engineer at Delta Power Ltd, Bangalore. He did his M-Tech from National Institute of Technology, Calicut and he is an expert on PMU based Dynamic State Estimation in Multi-Machine Power system, Integration of Renewable Energy Sources to Grid and Electric Vehicles.



Around 51 M-Tech students and 7 research scholars of Electrical Engineering department attended the Session at Maxwell Hall. The program was successfully organized by Arun P B (IEEE PES Chairman) under the supervision of Prof. Mini.V (IEEE PES Staff Advisor) and Prof. Joseph K D (IEEE Student counsellor) of EEE Department.

### ❖ **PCB DESIGN WORKSHOP**

A Two day workshop on PCB Designing was conducted on 4th and 5th April 2018, at Research and Testing Lab, Department of Electrical and Electronics Engineering, GEC Thrissur, in order to provide a constructive idea on PCB designing and to familiarize Proteus among engineering students. This included training and a hands on session. The workshop was organized by PES Chapter of IEEE SB GECT.



### **❖ 10<sup>TH</sup> SEMINAR SERIES COMPETITION BY KSEB and Kerala PES (Power & Energy Society) Chapter**

KSEB Engineers' Association is a leading professional body of the Power Engineers in the State Power Sector. The Association is committed to give priority to the dissemination of technical knowledge. KSEB Engineers' Association in association with IEEE Power & Energy Society, Kerala Chapter conducted a college level seminar series competition on four topics: 1. IOT Devices, Implementation in Power sector, Leveraging its benefits. 2. Big Data and its impacts on Power Sector. 3. Energy storage technologies-Future of Utilities 4. Integration of Renewables –Concerns and Issues; on November 23rd, 2018 in the EEE Seminar Hall.