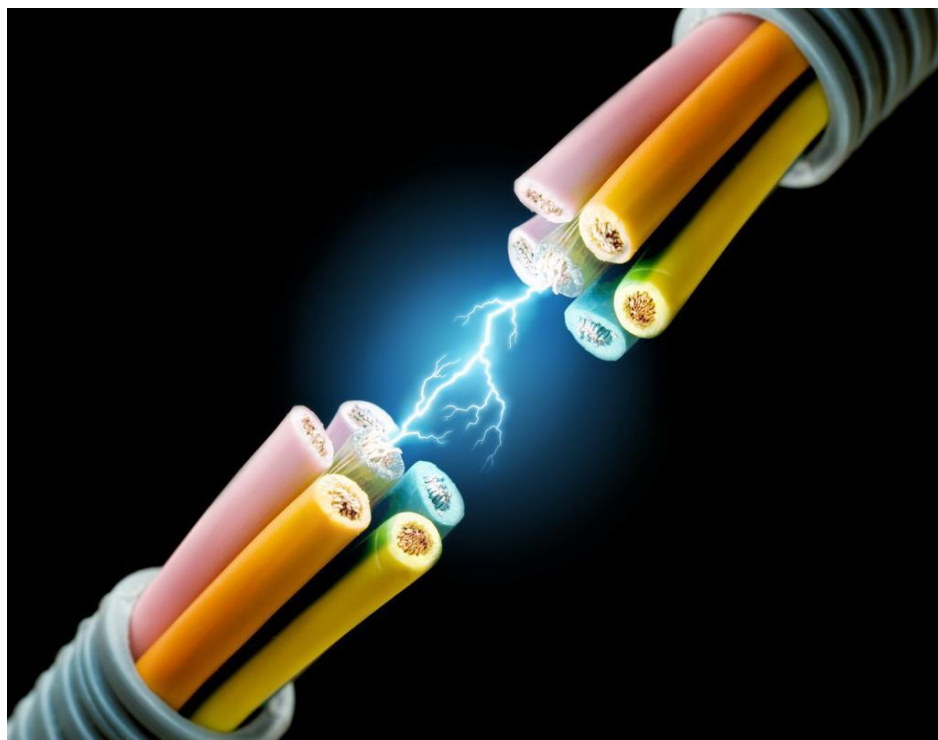


**M.A.M COLLEGE OF ENGINEERING AND TECHNOLOGY,
SIRUGANUR, TRICHY**



**DEPARTMENT OF
EEE**

Academic Year 2018 - 19

ELECTRICAL ERUDITION
(Enlightens Engineers)

AMAZING AUGUST'18!



VIKRAM SARABHAI

(Born on August 12, 1919)

"FATHER OF INDIAN SPACE PROGRAMME"

KRYPTO'18:

An IEEE sponsored national level technical symposium 'Krypto'18' was organized at K.Ramakrishnan College of Engineering on 2nd August 2018. The following students from the department participated in the various events conducted.

Paper presentation

1. Muhamad Suhail
2. Subash Chandra Bose

Quiz

1. Joshua
2. K.Dinesh
3. Ranjith Kumar
4. S.Priya

Break for Bail

1. Joshua
2. K.Dinesh

HANDS-ON TRAINING ON PIC MICROCONTROLLER

A one-day hands-on training on PIC controller was conducted for all **final year students** in association with **GALWIN technologies** on 3rd August 2018. The students were given a presentation about the architecture and its features were discussed. They were trained to program the controller for various practical applications. At the end of the

event Mrs.Rakkammal HOD/EEE presented a memento to the resource persons.



NATIONAL WORKSHOP ON ENERGY EFFICIENCY

A National workshop on energy efficiency was organized by **The Consumer federation of India** on 4th August 2018 at Hotel Arun, Trichy. It was attended by **10 students from II year and 10 students from III year EEE**. The Chief Manager of the federation addressed the students on various energy efficiency issues faced at the domestic level. A senior lawyer from the High court,

Trichy briefed the students on the various consumer laws present and how the consumers should utilize them to their benefit. The workshop was highly beneficial to the students as they were enlightened on the energy consumed by the appliances they use every day.



from 27.08.18 to 29.08.18 and total of 380 houses were surveyed.



UBA HOUSEHOLD SURVEY

As a part of Unnat Bharat Abhiyan , the residents of the Konalai village were surveyed individually by a few handpicked students from **II and III year EEE** accompanied by **Mr. Navin Kumar AP/EEE**. The survey was conducted for three days



INDUSTRIAL VISIT TO WALWHAN SOLAR TN LIMITED, A TATA POWER SUBSIDIARY, MUSIRI.

An Industrial visit was organized for the II year students on 30th August, 2018 to WALWHAN SOLAR TN LIMITED, Musiri.

A total of 44 students accompanied by **Mr. Vadivelan AP/EEE, Mr. Vinoth Kumar AP/EEE and Ms. Keerthana J AP/EEE** attended the visit. The students were taken to the solar Panel yard at the generation station and were briefed about the working of the panels. The station supplies a maximum of 50 Kw to Musiri and T.T.pet every day. They were also explained about the day to day operations carried out at the plant. They were taken around the yard and the students were able to understand the operation of all the basic components involved in generation and transmission of electrical power. The students found the visit to be very useful and informative.



PROJECT PROPOSAL SUBMISSION

Various project proposals were scripted and submitted to the following funding organizations' and competitions.

- Chakra Vishwa Karma Award
- Nidhi Prayas fund
- PALS-InnoWAH!
- Tamilnadu Council for Science and Technology.
- ICT Academy.



The proposals submitted are listed below.

- IOT based Smart Energy Meter.
- Innovative Solar Vehicle
- Solar Load Vehicle for Agricultural Applications
- Downright Solar Powered PI tablet
- Robotic Arm based Waste management
- AI based virtual assistant for Alzheimer's patients
- Energy Harvester
- Improved face Recognition for Mobile security system.

Two project proposals "IOT based Smart Energy Meter" and "Solar Load Vehicle for Agricultural Applications" were selected for presentation under the Nidhi Prayas funding scheme.