

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



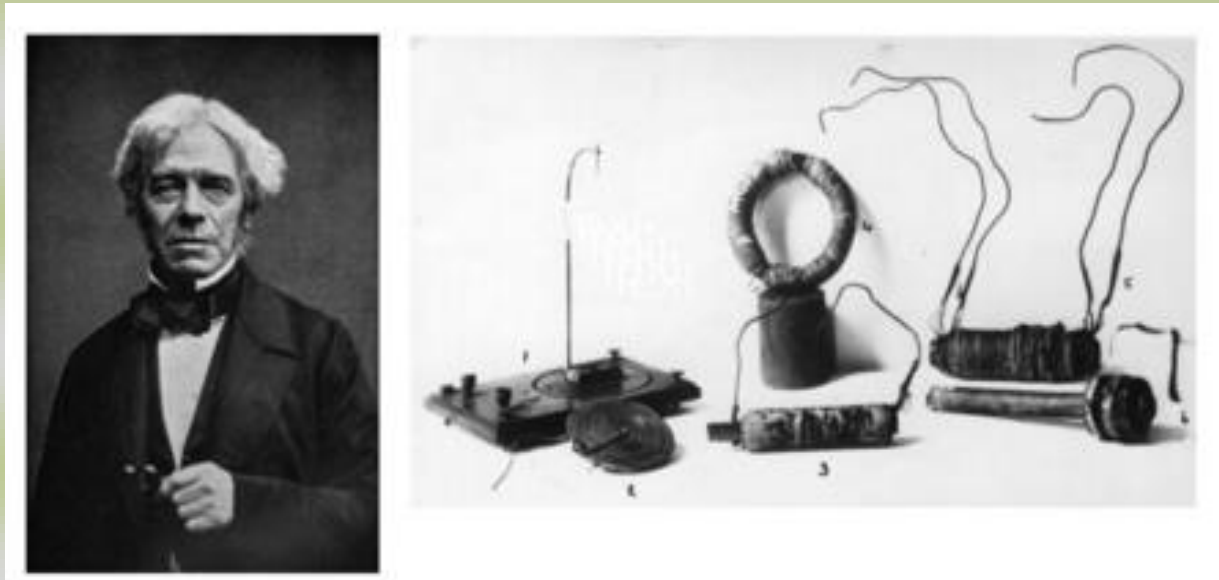
**DEPARTMENT OF
EEE**

ELECTRICAL ERUDITION
(Enlightens Engineers)

Academic Year 2018 - 19

SECERNATE

SEPTEMBER



MICHAEL FARADY

(Born on September 22, 1791)

*“INVENTOR OF ELECTRIC MOTOR &
DISCOVERED ELECTROMAGNETIC INDUCTION
AND LAWS OF ELECTROLYSIS”*

FACULTY MEETING:

The **8th department meeting** for this semester was conducted on 14.09.2018 between **9.45 a.m. and 10.00 a.m.** All the faculty members of EEE department attended the meeting. The following points were discussed in the meeting.

- IIT FDP Registration
- Spoken Tutorial Completion
- Project Proposals
- NPTEL Registration
- Question paper setting
- Portion completion
- Coaching for Cycle test-II
- Arrear list
- Group A,B, C formation
- Pre-model time table
- File arrangement
- Convocation budget and bill
- PMKVY scheme

GRADUATION DAY 2018

The convocation ceremony for the students graduated during the year 2017 was held on 08.09.18. Mr.B.Rajaram - Plant Director, GESTAMP Automotive Pvt Ltd., Chennai was the Chief guest. A total of 11 students graduated from the department of EEE.

REVIEW PRESENTATION

The result target and the activities planned to achieve the same for the semester exam **June '18-Dec'18** was presented by **Mrs.Rakkammal , HOD/EEE** to our Director Dr. M.A Maluk Mohamed on 28th September 2018.He provided the team with suggestions to improve the performance of the students.

CO-CURRICULAR ACTIVITIES:

NIDHI PRA YAS

The Department of EEE submitted **two project proposals under the Nidhi Prayas Scheme.** The proposals submitted are as follows,

- Innovative Solar Vehicle
- Real-time implementation of IOT based Smart energy meter.

Both the proposals were selected for the **presentation round that was held at Adhiyamaan Engineering College, Hosur on 3rd September, 2018.** The proposal Innovative Solar Vehicle was presented by N..Arun Kumar from IV EEE under the mentorship of Mrs.Rakkammal HOD/EEE. Real time implementation of IOT based Smart energy meter was mentored by Mr.TM Navin Kumar Assistant Professor/EEE and presented by Mohamed Suhail, S.Subash

Chandra Bose and Shanmuga Rajasekar from III EEE.



students found the workshop really useful and were able to proceed with their respective projects.



PALS InnoWAH Q & A WORKSHOP

The PALS Association organised a Q & A session based on the **InnoWAH! Competition to be conducted at RVS college of Engineering, Dindigul on 04.09.2018**. This session was attended by **Ms.Keerthana J, Assistant Professor/EEE** along with Mohamed Ismail, M.Arivazhagan and Thutharthana D from II year/EEE. The rules and regulations to be followed throughout the competition were clearly explained by the experts from IIT

Madras. The students raised various queries regarding the procedure to be followed for submission of the proposal and the survey to be taken for validating the product. The questions were clearly answered by the InnoWAH Experts. The



PALS T2P LECTURE ON TRANSFORMERS AND THE WINNING EDGE

To Athery to practice lecture was organised by PALS at RVS College of Engineering on the topic "Transformers" by Mr.Babu from Voltech, Chennai and "The Winning Edge" by Dr. M S Michael Raj from BHEL,Trichy on 11.09.18 at 10.30 a.m. The lecture was attended by S.Ramkumar,

G.Haribaskar, M.Arivazhagan, R.Ranjith and Mugesh Kannan from II EEE. The lecture was extremely useful for the students. A quiz was conducted at the end of the lecture and it was attended successfully by the students.



PALS WEBCAST ON 'SUBMERSIBLEROBOTICS- 'OPPORTUNITIES AND CHALLENGES'

A webcast on 'Submersible robotics- Opportunities and Challenges' by **Mr.Santhosh Ravichandran, Design lead, Planys Technologies** was organised at Computer lab, MAMSA on 12th September at 2 p.m.and 6 students from II and III EEE attended the same. During the 3-hour session .the students were briefed about the technology used to create submersible robotics. At the end of the session Muhamed Suhail from III EEE posted a question regarding the functionality of the

submersible bot which was answered by the expert.

PALS SCREENING FOR INNOWAH

The Department of EEE submitted six project proposals for the InnoWAH! screening conducted on 17th September 2018.The proposals submitted are as follows

S.NO	PROJECT PROPOSAL	MENTOR
1	Innovative Solar Vehicle	Mrs.Rakkammal
2	Solar load vehicle for agricultural applications	Mr.Vinoth Kumar
3	Downright Solar powered PI tablet	Ms.Rajarajeswari
4	Robotic arm based waste management	Mr.TMNavin Kumar
5	AI based virtual assistant for Alzheimer's patients	Ms.Keerthana J
6	Improved face recognition for mobile security system	Ms.D.Thaniga

The team mentored by **Mr. T M Navin Kumar** for the project titled **Robotic ARM based waste Management** is selected for presentation at IIT Madras.

IIT FDP REGISTRATION

A faculty development program is to be conducted by IIT Bombay for the benefit of staffs for developing their teaching and

interpersonal skills. It is scheduled from September 13th to October 14th which will be remotely monitored by IIT-B FDP crew. All the faculty members from the department of EEE including Dean Admin registered for the same on 19th September 2018.

UBA

The UBA team from the department of EEE spearheaded by **Mr. TM Navin Kumar Assistant Professor /EEE** completed the survey of 304 households at the Konalai village. The survey details collected were uploaded in the UBA portal. From the details collected a report containing the detailed analysis of the demography and the availability of livestock was generated.

CHAKRA

VISHWAKARMA AWARD

The Department of EEE submitted two project proposals under the mentorship of **Mr. Vinoth Kumar Assistant Professor /EEE** and **Mr. TM Navin Kumar** for the **Chakra Vishwa Karma Award**. Both the proposals have been selected to the next level.

YOUTH TALK 2018

A Youth talk contest was conducted by ICT Academy. **For the initial level of screening 3 students from II and III EEE submitted their entries through Youtube.** Muhamed Suhail from III EEE was selected to participate in the regional level contest held at Saranathan College of Engineering, Trichy on 28th September 2018.