

## **Co-curricular Activates**

### **Two Days State Level Workshop On Electric Vehicles: Technologies & Challenges in India**



A work shop on “Electric Vehicles: Technologies & Challenges in India in association with SPPU, Pune” was organized from 29/01/2019 to 30/01/2019 by the Department of Electrical Engineering, of D.Y. Patil Institute of Engineering & Technology, Ambi.

Mr. Y.H. Gharpure, Mr. Udayan Pathak, Mr. Apurva Desai, Mr. Anant Bheddasgaonkar, Dr. Milind Kulkarni, Mr. Vilas Rabde, Mr. Hemant Padhye were the experts. All invited speakers have vast experience and expertise in Electrical Vehicle system.

#### **Day one**

Session I: -

By Mr. Y.H. Gharpure was on present Status of EV Worldwide.

Session II: -

By Mr. Anant Bheddasgaonkar, Director, NANA Industries, was on Lithium ion battery and its charging system.

Session III: -

By Mr. Udayan Pathak, AGM Tata Motors, Pune was on Electric Vehicle-OEM perspective

Session IV: -

Mr. Apurva Desai, ARAI, Pune on Electric Vehicle Certification Requirements

#### **Day Two**

Session I: -

By Dr. Milind Kulkarni, Scientist D, C-met, Pune was on Solid State Batteries

Session II: -

By Mr. Vilas Rabde was on Super capacitor as storage device

Session III: -

By Mr. Hemant Padhye was on High speed traction drives for EVs.

The session was started with the discussion on a topic “what is the need of Electrical and Hybrid Vehicle?” and this interactive session resulted into introduction of different subsystems of E&H Vehicle’s and their working principles. Such as regenerative braking system and its impact on vehicle efficiency. They also briefed our students about selection of the specific electric motor for a specific vehicle and how to trace its traction calculations.

The different types of batteries used in EVs and their management systems and current research areas in the vehicles in general and energy storage devices in particular were explained to the students. Finally, session was concluded with current scenario of EVs market and future scope of electrical engineer in the new era of

automobile industries. From this workshop all students were encouraged to work or take small projects in the EV domain.

## Electrical Safety Week



Department of Electrical Engineering celebrated Electrical Safety Week 11<sup>th</sup> Jan 2018 to 17<sup>th</sup> Jan 2018 .The objective of this initiative was to create awareness about electrical safety among all campus students and employees and sensitise them on how to mitigate risks in such situations through all Electrical Engineering Department Students. The week-long celebrations included various interactive and creative programs such as slogan competition, poster competition. Electrical Engineering Students were encouraged to take a safety oath as well.



## One Day Workshop on Electrical Vehicle



Department of Electrical Engineering has conducted Electrical Vehicle Workshop on 29 August 2018. The objective of this initiative was to create awareness about Electrical Vehicle among Electrical Engineering Students.

### **Inauguration of One day workshop on Electrical Vehicle**

We were delighted to have chief guest Er. Ramchandra Madiwale, Er. Dheeraj Sonawane and Er. Santosh Bagul from PVG Technologies Pune for this Electrical Vehicle Workshop Inauguration function. The inaugurations of function begin with the saraswati poojan by chief guests, Dr. L.V. Kamble-Principal DYPIET, Prof. N. P. Zinjad (Head of Department) and Students.

- ❖ Prof. N. P. Zinjad, Head of Department share his view about the objective of Electrical Safety Week. And promised to do better in future also.
- ❖ Chief Guest guest Er. Ramchandra Madiwale, Er. Dheeraj Sonawane and Er. Santosh Bagul promotes students for recent challenges and situation for electrical engineers in automobile industry.
- ❖ Prof. P.S. Phutane put vote of thanks towards all the dignitaries on behalf of Department of Electrical Engineering.

## Street Play



As a part of electrical safety awareness Student of Electrical Department form third year and second year has marched rally throughout the Talegaon Dabhade Tal.-Maval, District - Pune and performed street play on topic Electrical Safety. In street play students have performed various plays and acts.

## Parent Meet



As per the academic calendar of our institute, parents meet was scheduled in the second week of August 2019.



## Poster Competition

- ❖ Department of Electrical Engineering Celebrate Electrical Safety Week 11<sup>th</sup> Jan. 2018 to 17<sup>th</sup> Jan. 2018. Under this week Electrical department organized Poster Competition in association with Govt. Of Maharashtra's Department Of Industry, Energy and Labor.
- ❖ We were delighted to have Dr. S.K. Kulkarni and Dr. Kherde as chief guest of this Poster Competition.
- ❖ The competition is focusing on various creative ideas about electrical safety. Second year third year electrical engineering student have display poster in electrical department 6<sup>th</sup> floor.
- ❖ This poster competition student explains and shares their creative idea about electrical safety in front of judge and visitor of D.Y.Patil Technical Campus. The contestants were judged based on their idea presentation, creativity and the concept behind their ideas.
- ❖ Dr. S.K. Kulkarni, Prof MangeshManke, Prof. Gulhane and Prof. P.P.Mone judged this competition and find out four best poster of this competition.
- ❖ DYPTC Technical Campus visitors visit to this competition and lots of idea suggested participating students.



## Two days workshop on Arduino and Embedded system

Date –31<sup>st</sup>Oct. to 1<sup>st</sup> Nov 2019.



Mr.Pratik Shah Presentation during workshop

## **Guest Lecture on Robotics and Automation**

**Date –6<sup>th</sup> Jan 2020**



Guest lecture by Shailendra Kolhatkar

## **Guest Lecture on competitive exam**

**Date –21<sup>st</sup> Jan 2020**



Guest Lecture by Mr. Paresh

## **Four Day Workshop on robotics**

**Date –11<sup>th</sup> Feb 2020 To 14<sup>th</sup> Feb 2020**



Expert interacting with students

## **Guest Lecture on Electrical Vehicles.**

**Date-** 17<sup>th</sup> Feb. 2020



Guest lecture by Mrs.RukminiAmbalagi

## **Guest Lecture on Advance Microcontroller and its Applications**

**Date:-**30/07/2018



Guest Lecture on Advance Microcontroller and its Applicationsby Prof. Prashant Mahajan



Guest Lecture on Advance Microcontroller and its Applications