

# PARVATHAREDDY BABUL REDDY VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC) KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



#### **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

# Events delivered by industry experts during 2020-21

S.No	Name of the Program	Resource Person with designation	Company/Organization	Relevance to Po's & PSO's
1	Guest Lecture on "Power Grid Concept"	Mr. S.V. Mahesh Babu Divisional Engineer, APTRANSCO Tirupati Mob:7075995479	AP TRANSCO	PO1,PO2, PO3,PO5, PO8,PO12 PSO1
2	Certificate Course on "Introduction to Hybrid Electric Vehicles"	Mr. U V Sai Srinivas Director of Operations Emcore Technologies Pvt Ltd, Bangalore Mob:7624991436	M-Core ™ Technologies Pvt. Ltd.	PO1,PO2, PO3,PO5, PO8,PO12, PSO1

Sd/-Head of the Department



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#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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# **EVENT REPORT**

Name of the Event : Guest Lecture on "Power Grid Concept"

**Date** : 07.05.21

**Time** : 10:30 A.M.

**Venue** : C-118,E-class room, Cotton block

**Participants**: III B. Tech. EEE Students

**Event coordinator** : Mr. V. Masthanaiah

Name, Designation & Address of Resource person

: Mr S. V. Mahesh Babu,

ADE,

APTRANSCO, CHITTORE.

#### **OBJECTIVES:**

- To understand the Concept of power storage.
- create an awareness on Management of power distribution
- control the power density fluctuation.
- To develop ability to deal effectively the problems.

#### **REPORT:**

A Guest lecture was organized by the department of EEE on "**Power Grid Concept**". In this program out of 77 students 66 students and 8 faculty members were attended. Mr. S. V. Mahesh Babu, talked on power Grid Concept, its Importance and availability of opportunity.

### **OUTCOMES**:Students were able to

- Understand the importance of substations.
- Influence the transformers and grid units in power stations.

**Signature of the Faculty In-charge** 

**Signature of the HOD** 



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# DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR: 2020-2021

#### **EVENT REPORT**

NAME OF THE EVENT : Certificate Course on "Introduction to Hybrid Electric

Vehicles"

: 07-09-2020 to 11-09-2020 DATE OF EVENT

TIME : 10:30 PM

VENUE : C-118, COTTON Block, PBR VITS

**PARTICIPANTS** : **54**(III & IV EEE)

**EVENT CO-ORDINATOR** : G. Suman, Asst. Professor, EEE

**RESOURCE PERSON** : Mr .U .V Sai Srinivas,

Director of Operations,

Emcore Technologies Pvt Ltd, Bangalore.

#### **REPORT:**

A Certificate Course on the topic "Introduction to Hybrid Electric Vehicles" was conducted by the department of EEE, PBR VITS, kavali on 07-09-2020 To 11-09-2020. The resource person was Mr. U. V Sai Srinivas, Director of Operations, Emcore Technologies Pvt Ltd, Bangalore.

The programme started with an inaugural session at 10:00 AM in which the HoD of EEE Department Dr. V. Madhusudhan Reddy gave opening remarks about the event. Mr. V. Masthanaiah, Assistant Professor, Dept. of EEE introduced the Resource Person to the gathering, later the Resource person briefly presented the following deliberations.

- What is Hybrid Electric vehicle?
- Different types HEV
- Future of EV
- Architecture Innovations: Powering the Future of EVs
- Sustainable Materials for EV Manufacturing
- Safety and Regulations in EV Design

Students expressed their gratitude towards the resource person for knowledge which he shared. This lecture is interesting for the students and faculty members

#### **OUTCOMES:**

- 1. Students were briefed the upcoming Research issues in EV technology and the importance of Hybrid Electric Vehicles in various fields.
- 2. Students aware the various key note topics that include introduction to Electric Vehicles and the control strategies for the charging system in electric vehicles.

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