



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(Autonomous)

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada
Accredited by NAAC with Grade 'A' & ISO: 21001:2018, 50001:2018, 14001:2015 certified

Department of Electrical and Electronics Engineering

Accredited by NBA under Tier-I

Five Day Faculty Development Program

On

“ELECTRIC VEHICLES FOR SUSTAINABLE FUTURE”

(13th to 18th April 2026)

Title: Five Day Faculty Development Program On “ELECTRIC VEHICLES FOR SUSTAINABLE FUTURE”

Event Date/Duration: 17-11-2025 to 21-11-2025 (Five Days)

Resource Persons: **Dr. Sankar Peddapati**, Asst. Professor, Department of Electrical Engineering, National Institute of Technology, Andhra Pradesh
Dr. M.Jaya Bharata Reddy, Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli

Dr.Y.S Kishore Babu, Assoc. Professor, Department of EEE, JNTU Narasaraopeta

C.Surya Trinadh, Sense Semiconductor & IT Solutions Pvt. Ltd

Dr.Ramesh Babu Darla, Asst. General Manager, Electronic Architect, Panasonic Electric works, Bangalore

Coordinators: Dr.G.Nageswara Rao, Prof., EEE Mr.P.Deepak Reddy, Associate Prof.,

Target Audience: The program is open to faculty members, M. Tech students and Research Scholars of Engineering colleges working in the concerned/allied areas of Engineering

Total no of Participants: 30 Participants Offline + 50 Online from various Engineering Colleges.

Objective of the event: The main goal of this workshop is to help Faculty, M.Tech Students and Research Scholars to learn, to ensure the safety, reliability, interoperability, and

performance of electric vehicles and charging infrastructure through rigorous testing before public deployment.

Outcome of event:

- Interoperability of Charging Infrastructure:
- Grid Integration and Stability
- Accelerated Public Charging Rollout
- Inspiration for research, innovation, and start-up opportunities in EVs and smart power systems.

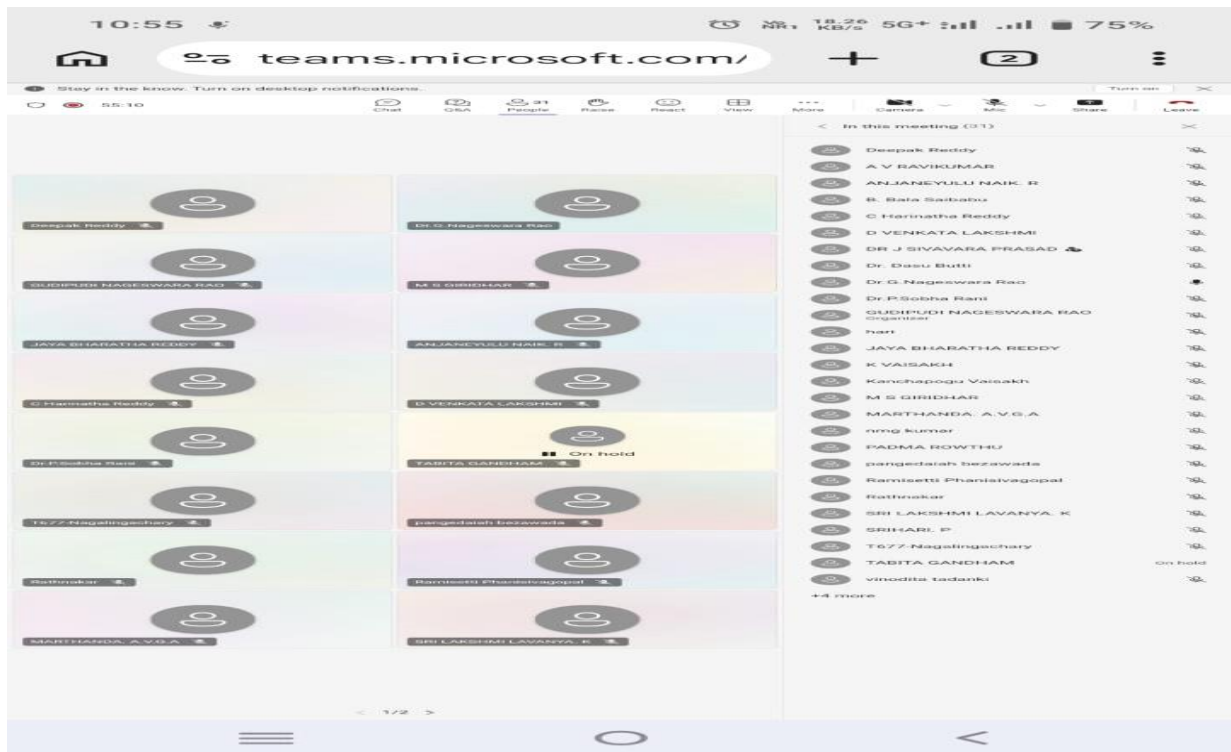
Description/Report on event: The EEE Department has organized Five Day Faculty Development Program On “ELECTRIC VEHICLES FOR SUSTAINABLE FUTURE” (13th to 18th April 2026)

Day-1: (Off-line Session) Inauguration of Five-day FDP by Chief Guest **Dr.M.Srinivasa Rao, Dean of Academics, LBRCE. Dr. Sankar Peddapati**, Asst. Professor, Department of Electrical Engineering, National Institute of Technology, Andhra Pradesh delivered a detail discussion on Electric Vehicles, with Illustrative examples. During the Afternoon session Hand-on Practice Applications of Power Electronics in EVs conducted by Dr.P.Srihari & Dr.Y.Raghu vamsi of EEED, LBRCE.



Inaugural speech by Dr. Sankar Peddapati

Day-2: (On-line Session) **Dr. M.Jaya Bharata Reddy**, Professor Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli, during 10:00 A.M to 01:00 P.M, discussed in detail about PMU Applications for Power System Protection



Lecture by Resource person Dr. M.Jaya Bharata Reddy

Day-3: (off-line Session), **Dr.Y.S Kishore Babu**, Professor Department of EEE, JNTU Narasaraopeta, during 10:00 A.M to 12:00 P.M, discussed in detail about Next Generation Power Conversion: Modular Multilevel Converters



Dr.Y.S Kishore Babu delivering lecture to the participants



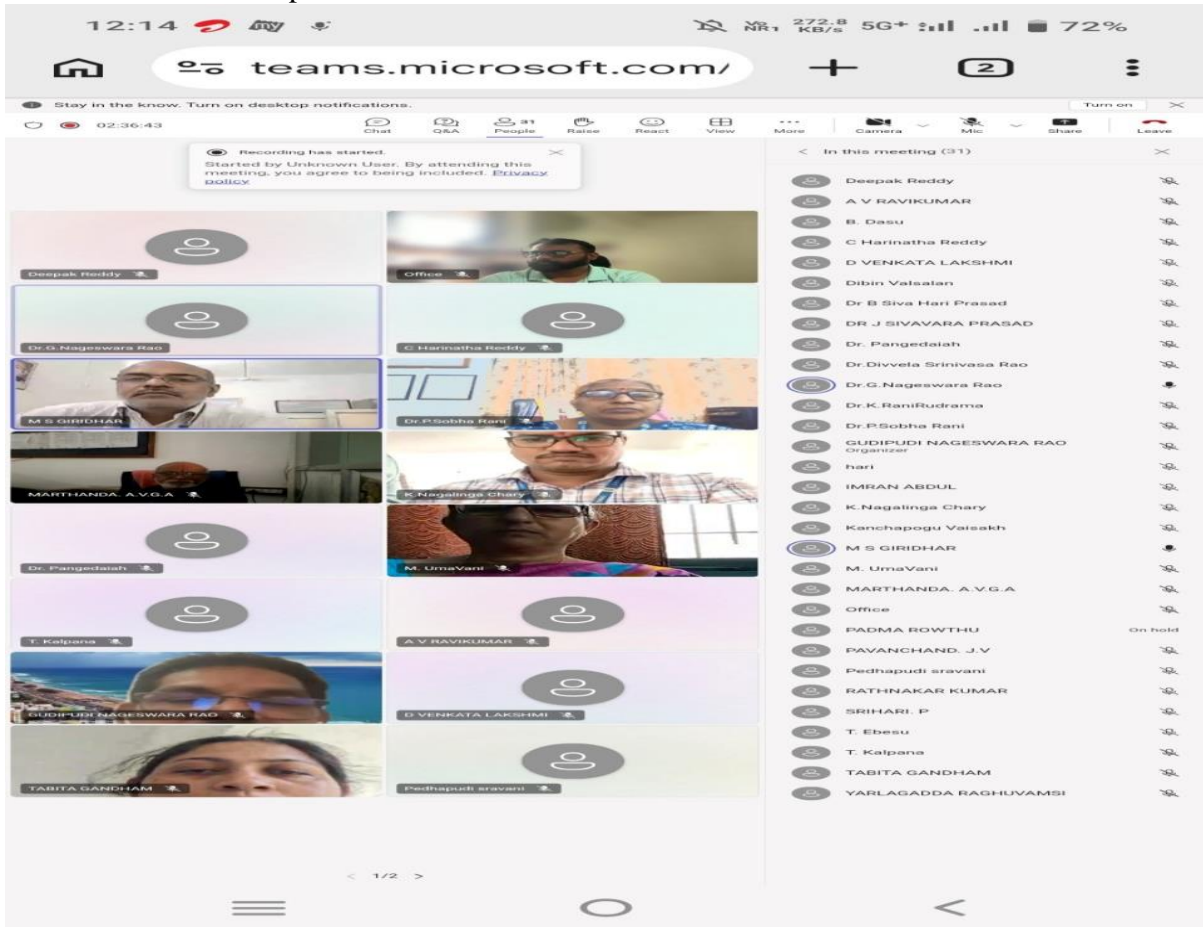
Felicitation by Dr. P.Sobha Rani to Dr.Y.S Kishore Babu.

Day-4: (off-line Session), **C.Surya Trinadh**, Sense Semiconductor & IT Solutions Pvt. Ltd, during 10:00 A.M to 12:00 P.M, discussed in detail about Emerging Design workflow for EV using workflow.



Interaction with Participants by Resource Person **C.Surya Trinadh**

Day-5: (On-line Session) Dr.Ramesh Babu Darla, Asst. General Manager Electronic Architect, Panasonic Electric works, Bangalore , during 10:00 A.M to 01:00 P.M, discussed in detail about EV Standards of Compliance: From Lab to Road.



Interaction with Participants by Resource Person **Dr.Ramesh Babu Darla**

Press:

ఎలక్ట్రికల్ వాహనాలపై అవగాహన అవసరం

మైలవరం, న్యూస్టుడే : భవిష్యత్తులో ఎలక్ట్రికల్ వాహనాలే కీలకపాత్ర పోషిస్తాయని ఎన్ఐటి ఐపీ ప్రొఫెసర్ పి.శంకర్ తెలిపారు. స్థానిక లకి రెడ్డి బాలిరెడ్డి ఇంజనీరింగ్ కళాశాల ఈఈఈ విభాగం ఆధ్వర్యంలో హైట్రీడ్ పద్ధతిలో పవర్ ఎలక్ట్రానిక్స్ ఇన్ ఎలక్ట్రికల్ వెహికల్స్ అంశంపై 5 రోజుల కార్యశాలను సోమవారం ప్రారంభించారు. ఈ సందర్భంగా పలువురు మాట్లాడుతూ ఎలక్ట్రికల్ వాహనాల ఆవశ్యకతను వివరించారు. కొత్త సాంకేతికను అధ్యాపకులకు అందించడానికి ఎప్పటికప్పుడు కార్యశాలలు దోహదపడతాయని ఈఈఈ

విభాగాధిపతి పి.శోభారాణి చెప్పారు. కళాశాల డీన్ ఎం. శ్రీనివాసరావు, కోఆర్డినేటర్లు పాల్గొన్నారు.

ప్రసంగిస్తున్న శంకర్, పక్కన అధ్యాపకులు

HoD/EEE