



A Three-days Offline Workshop on
“Introduction to Electric Vehicles Technology”

Organized by

Department of EEE

In association with

MITS-IETE Students Forum (ISF)

27.01.2026 to 29.01.2026

Venue: Seminar Hall-A

Resource Person: Dr R Senthil Kumar Asso.Prof/ EEE, VIT Chennai.
 Dr Mallikarjuna Golla, Asst.Prof/ EEE, VIT Vellore.

Submitted by: Dr. R. Saravanakumar AP/EEE, Madanapalle Institute of Technology & Science, Madanapalle.

Co-coordinators: Dr Satish kumar Ramoji, Assistant Professor, Dept. of EEE

Total Participants: 28 Students

MITS
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
 (Deemed to be University under section 3 of UGC Act, 1956)
 Madanapalle-517325, Andhra Pradesh, India.

Department of Electrical & Electronics Engineering

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 A Three days hands on Workshop
 on
Introduction to Electric Vehicles Technology
 In association with IETE Students Forum

Resource Persons

Dr. Senthil Kumar R
 Associate Professor
 School of Electrical Engineering
 VIT Chennai.

Dr. Mallikarjuna Golla
 Assistant Professor senior grade 1
 School of Electrical Engineering
 VIT Vellore.

Date: 27th - 29th Jan 2026
Time: 10 am to 4 pm
Venue: Seminar Hall -A

Chief Patron: Dr. N. Vijaya Bhaskar Choudary
 Founder & Chancellor

Patrons: Shri. N. Dwarakanath, Pro Chancellor; Mrs. Keerthi Nedella, Executive Director

Program Chair: Dr. C. Yuvaraj, Vice Chancellor (i/c)

Co-Chairs: Dr. D. Pradeep Kumar, Registrar (i/c); Dr. P. Ramanathan, Principal

Co-ordinator: Dr. R. Saravana kumar, Assistant professor - EEE

Co-Coordinator: Dr. Satish Kumar Ramoji, Assistant professor - EEE

Sponsor: Dr. Dipankar Roy, Dean-School of Engineering

Co-Sponsor: Dr. A. V. Pavan Kumar, Professor & Head - EEE

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The MITS-IETE students Forum (ISF), Madanapalle Institute of Technology and Science, Andhra Pradesh, Madanapalle, in association with the Department of EEE, MITS, Madanapalle, organized a Three days offline workshop on **“Introduction to Electric Vehicles Technology”** on 27.01.26 to 29.01.26. About 28 participants participated in this program, making the event a success.

A summary of the Workshop is as follows:

Dr Dipankar Roy Dean Engineering, Dr. A V Pavan Kumar, Professor & Head, Dept. of EEE, and Dr. R. Saravana Kumar, Coordinator, MITS-IETE students Forum (ISF), Asst. Prof./EEE, MITS, participated in the inaugural function. Dr. A V Pavan Kumar welcomed the resource person and addressed the importance of the training program, and gave a brief introduction to this technical workshop. Dr Dipankar Roy inaugurated the program with his motivational speech and handed over the session to the resource person. The 28 students from the II-year EEE along with faculty members from the Department of EEE have participated in this technical workshop.





Overall Outcomes: -

Electric Vehicles (EVs) workshop for students provides a comprehensive blend of theoretical knowledge, hands-on practical skills, and industry insights. The primary outcome is to bridge the gap between academic learning and the rapidly evolving electric mobility industry, preparing students for future-proof careers in engineering, design, and manufacturing. Students gain in-depth knowledge of EVs components, including battery packs, motor controllers, electric motors, and power electronics. Participants learn to use industry-standard software like MATLAB/Simulink to model and simulate EVs performance, such as battery management systems and drivetrain efficiency.

Conclusion:

The valedictory session of the Three-days workshop on ‘Introduction to **Electric Vehicles Technology**’ was graced by the esteemed presence of Dr. A V Pavan Kumar, Head of the Department of Electrical and Electronics Engineering (HoD/EEE), who delivered the closing

remarks and highlighted the importance of EVs technology. All the resource person shared their valuable insights on the growing relevance of EVs technology in academia and industry. Their encouragement and support provided immense motivation to the participants, and their remarks helped bring the workshop to a fitting conclusion. The session was a reminder of the significance of continuous learning and innovation in the field of EVs technology.

As an event coordinator, I expressed my gratitude to the Management and **Dr. C Yuvaraj**, Vice chancellor (i/c), for giving permission and financial support to organize this program. I thank **Dr. P. Ramanathan**, Professor & Principal , for providing the necessary needs in time and for his support. I thank **Dr Dipankar Roy**, Dean Engineering and **Dr. A V Pavan Kumar**, Professor & Head of the Department of Electrical and Electronics Engineering (HoD/EEE) for his continued guidance in all the parameters. I take this opportunity to thank the entire **EEE faculty Members, Teaching, Non-Teaching staff**, and **students** for their involvement, support, and participation in this event.