



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 26/05/2025

REPORT – WORKSHOP ON “DRIVE GREEN LAB: ELECTRICAL VEHICLE TECHNOLOGY & SUSTAINABILITY TRAINING”

The Department of Electronics and Communication Engineering, in association with the IEEE Student Branch and professional societies, organized a Five Days Hands-on Training Program titled “Drive Green Lab: Electrical Vehicle Technology & Sustainability Training” for the 3rd Year ECE students from 21st April 2026 to 25th April 2026 at GTT Foundation, Bengaluru. The program provided valuable technical knowledge, practical exposure, and professional skill development opportunities for students, motivating them to explore innovation and research in Electrical Vehicle Technology and sustainable mobility solutions.

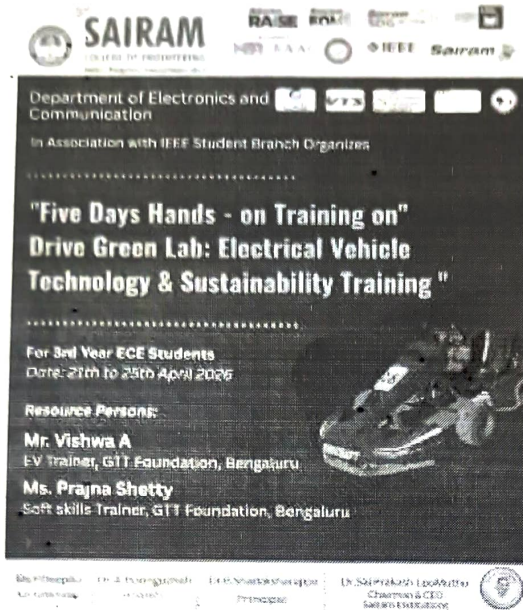
The program was coordinated by Ms. P. Deepika, AP/ECE under the guidance of, Dr. A. Poonguzhali, HOD/ECE, Dr. B. Shadaksharappa, Sri Sairam College of Engineering. The programme was conducted to provide students with practical exposure to Electrical Vehicle (EV) technology, sustainability concepts, green mobility solutions, and industry-oriented technical and professional skills. The sessions helped students understand the importance of sustainable transportation and the growing opportunities in the EV industry.

The training programme was conducted by Mr. Vishwa A, EV Trainer, GTT Foundation, Bengaluru, and Ms. Prajna Shetty, Soft Skills Trainer, GTT Foundation, Bengaluru. The resource persons delivered both technical and professional development sessions throughout the five days. During the programme, students were introduced to the fundamentals of Electric Vehicles, various EV components, battery technologies, charging systems, electric motors, controllers, and power electronics used in EV applications. Practical demonstrations and hands-on activities enabled students to understand the assembly, wiring, integration, and testing of EV systems.

Students actively participated in team-based practical sessions involving battery pack integration, motor control techniques, troubleshooting procedures, and performance testing methods. The programme also emphasized sustainable mobility solutions, environmental awareness, and the importance of green energy technologies.

In addition to technical training, sessions on communication skills, teamwork, leadership qualities, and career opportunities in the EV sector were conducted. Interactive activities and discussions enhanced the confidence and interpersonal skills of the participants.

On the final day, students showcased their understanding through demonstrations and practical activities related to EV systems and sustainability concepts. The programme concluded with a valedictory session, during which participants shared positive feedback regarding the practical learning experience and industry exposure gained through the training.



P. Deepa
CO-ORDINATOR

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HOD

18/09/2026