



GSSS | GET THE SKILLS TO
SHRINEBANA SANJAYATI
**INSTITUTE OF ENGINEERING
AND TECHNOLOGY FOR WOMEN**



(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE New Delhi & Govt of Karnataka)

KRS Road, Metagalli, Mysuru - 570016

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

PRESS NOTE

“3 Days EV Training Program”

Training under Skill Lab
From 03rd to 05th June 2024

In association with
IEEE PES Student Chapter

Under
Electric Vehicle Club

Organized by
Department of Electrical & Electronics Engineering, GSSSIETW, Mysuru



The Department of Electrical and Electronics Engineering, GSSS Institute of Engineering and Technology For Women(GSSSIETW), Mysuru, organized “3 Days EV Training Program” Under Electric Vehicle Club, In Association with IEEE PES Student Chapter, for the 4th Semester students, from 3rd to 5th June 2024.

“3 Days EV Training Program” was conducted by resources Rajesh Hembram, Imperial Society of Innovative Engineering (ISIE) Academy, Noida, Uttar Pradesh



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The HOD of the Electrical and Electronics Engineering Department, Dr. G. Sreeramulu Mahesh, explained the benefits of workshop and how the hands on workshop help engineering students build their Technical and programming skills towards solving real-world problems in the area of Electric Vehicle.

They started the **First day 03/06/2024**, first day with the basics of Electric Vehicle. He also explained the importance of workshop to get the solution for real time problems in less time. He briefed the students about EV Power train architecture, Motor Selection for EV and Motor types, Motor Characteristics, Types of Motor Controllers, and Hands on Electric Vehicle Power train model on crucial forces such as Rolling, Aerodynamic, Gradient and Acceleration.

Second day **04/06/2024** is a hands-on session on Introduction to Batteries and Its it's Types, Battery Chemistry and Form Factor, Calculations for Battery Pack and Battery Range, Lithium ion Battery Characterization, State Estimation, Cell Balancing, and Thermal Management, Hands on EV Battery Modeling Using MATLAB objects, methods to automate the creation of Simscape battery models.

Third day **05/06/2024** is the hands-on session on Power Systems Simulation Onramp the basics of power system simulation by modeling a simple Microgrid.

All the students actively participated in this workshop and everyone benefited from participating actively.


Event coordinator


HOD

Professor & Head
Dept. of Electrical & Electronics Engg
GSSSIETW, Mysuru, India - 570016