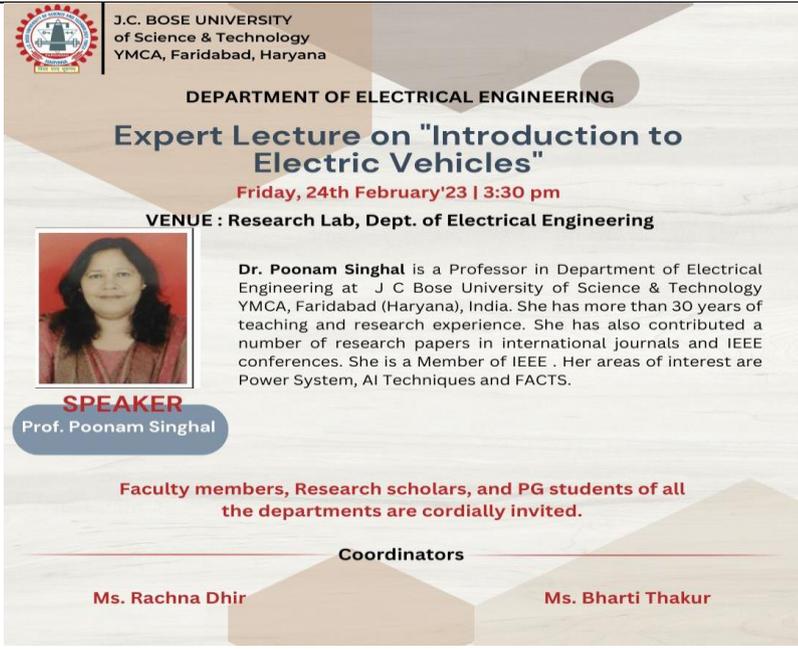
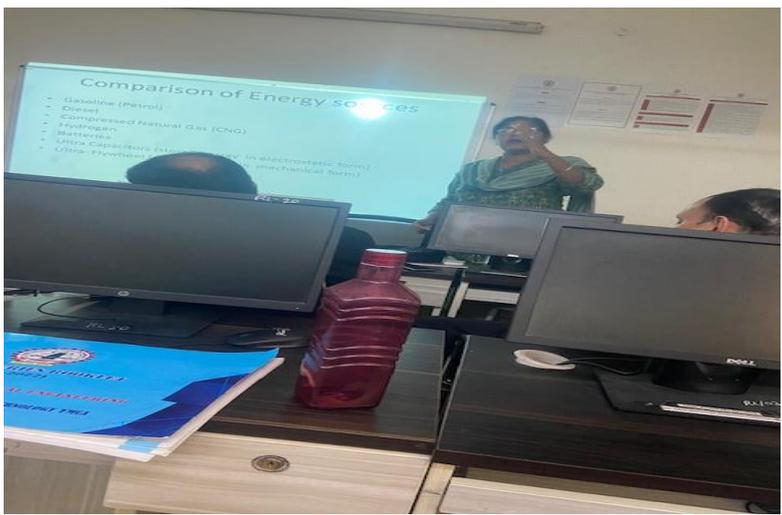


1. Name of the Activity: Lecture by Prof. Poonam Singhal in the department of Electrical Engineering

Name of department/ Section/ cell conducting the activity	Electrical Engg Deptt.
Topic of Lecture	Introduction to Electric Vehicles
Date of conduct	24 th February, 2023
Activity Coordinator	Ms. Rachna and Ms. Bharti Thakur
Amount Spent	-
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	-
Target audience:	Faculty, Research Scholars, M.tech Students
No. of beneficiaries	22
Outside guests/ Details of Experts	
Brief Description of the event	Electric vehicles (EVs) are a promising technology for achieving a sustainable transport sector in the future, due to their very low to zero carbon emissions, low noise, high efficiency, and flexibility in grid operation and integration. This chapter includes an overview of electric vehicle technologies as well as associated energy storage systems and charging mechanisms. Different types of electric-drive vehicles are presented. These include battery electric vehicles, plug-in <u>hybrid electric vehicles</u> , hybrid electric vehicles and fuel cell electric vehicles. The topologies for each category and the enabling technologies are discussed. Various power train configurations, new battery technologies, and different charger converter topologies are introduced.

<p>Attach Brochure of the event</p>	
<p>attach two/ three good quality photographs</p>	
<p>Attach certificate of the event</p>	
<p>Any other information</p>	