

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

## Department of Electronics Engineering

### One Day Online National Workshop

on

**“Electric Vehicles - The New Frontier of Engineering and AI” on 09<sup>th</sup> March 2024  
in association with Tata Motors**

Department of Electronics, MITS Gwalior conducted one day national workshop on “Electric Vehicles - The New Frontier of Engineering and AI” on 09th March 2024 in association with Tata Motors.

#### Objective of workshop:

The main objective of the workshop was to promote the advances in the field of Electric Vehicles. An electric vehicle (EV) is a vehicle that uses one or more electric motors for propulsion. It can be powered by a collector system, with electricity from extravehicular sources, or it can be powered autonomously by a battery. The aim of this online workshop is to impart the knowledge about Electric vehicles, their technology and opportunity. It would be a common platform for scholars and experts to share their views and ideas about the latest happening in the aforesaid field.

**Line of action:** Workshop was inaugurated in the presence of Dr. Vandana Vikas Thakre, Professor and HoD of Electronics Department, Dr. R. P. Narwaria (Workshop Coordinator), Prof. D. K. Parsediya (Workshop Coordinator), faculties of Electronics department. Prof. D. K. Parsediya provided brief information about the workshop. In this workshop, Research Scholar & Faculties from different engineering colleges have participated. One Expert Lecture was scheduled in first half and one Expert Lecture in second half. After that the workshop was completed by vote of thanks gave by Dr. R. P. Narwaria. The schedule of workshop was as follows:

### Workshop Schedule

Time	Activities
11:00-11:30 AM	Welcome address
11:30-01:00 PM	Expert Lecture - I
01:00-02:00PM	Lunch Break
02:00-03:30PM	Expert Lecture - II

### **Expert Lecture Details:**

Expert Lecture -I : Ms. Medhavi Mahendra, Senior Manager, Tata Motors

Expert Lecture -II: Ms. Sudha Ganugapenta, PGET, HMI PAT (EV - ADAS),Tata Motors

In the first technical session, Ms. Medhavi Mahendra, Senior Manager, Tata Motors delivered an expert lecture on Electric vehicles. The session was very informative and also interactive for the participants. The second expert lecture was delivered by Ms. Sudha Ganugapenta, PGET, HMI PAT (EV - ADAS),Tata Motors on different technologies which are using in Electric vehicles.

### **Participants:**


In this workshop, total 185 participants were registered.

### **Outcomes of the workshop**

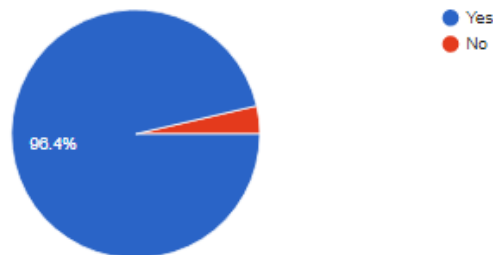
- Participants will be able to identify the problems occurred in Electric vehicles.
- Participants get familiarity with different techniques that is used in Electric vehicles.
- Participants have also acquired knowledge about research gap in field of Electric vehicles.

### **Feedback Report from Participants**

Have you got some knowledge about electric vehicles technology?

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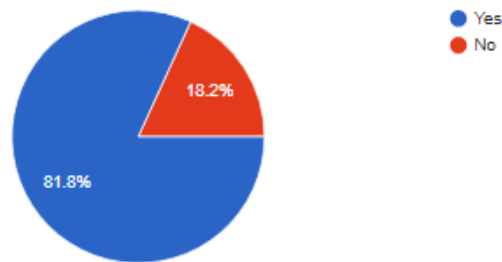
55 responses



Have you understand the V to X communication?

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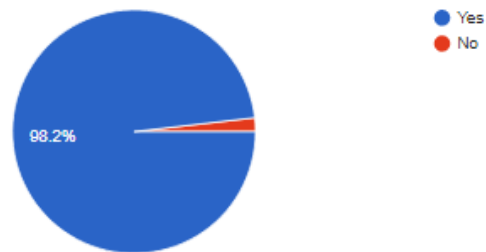
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Did the workshop helpful to upgrade your knowledge related to EV?

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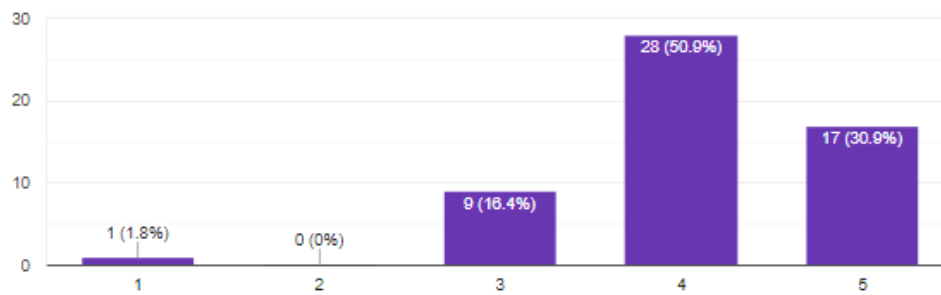
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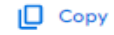
Rate the quality of the workshop

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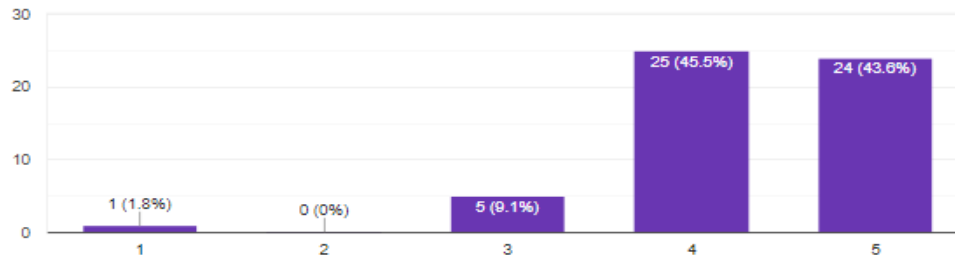
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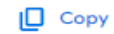
### Rate the knowledge of the experts about the field.



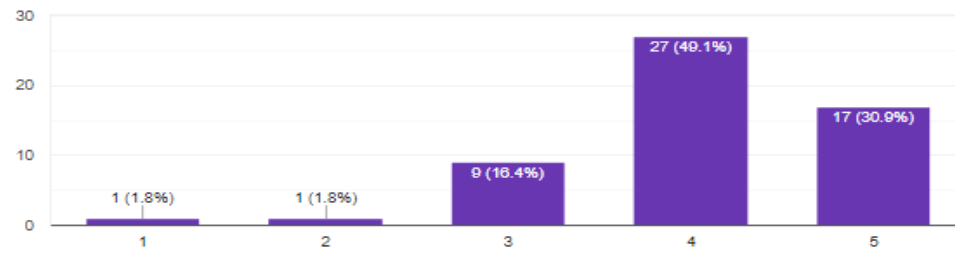
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### Overall satisfaction level



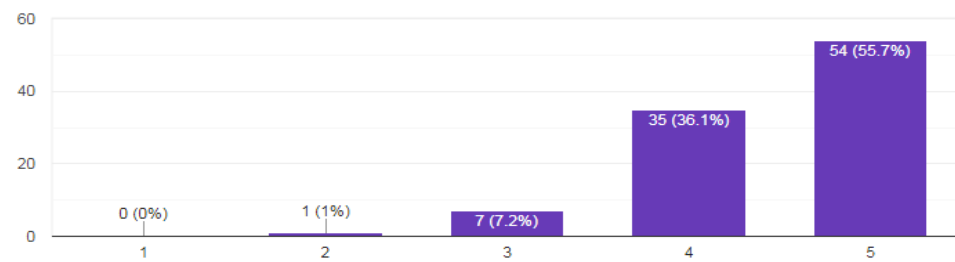
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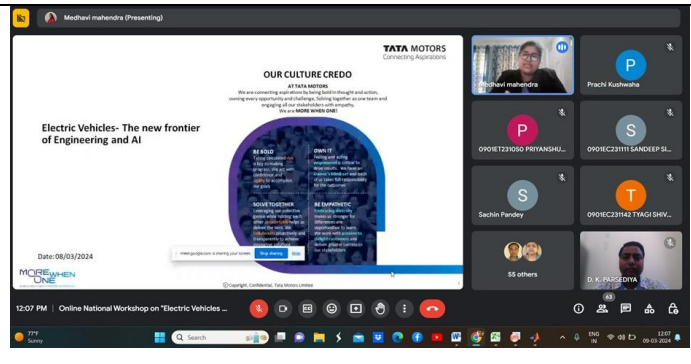
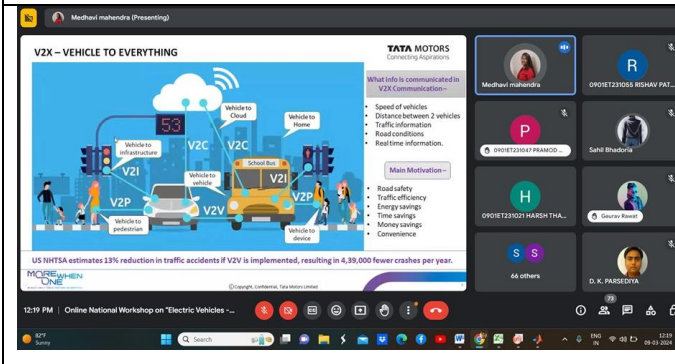
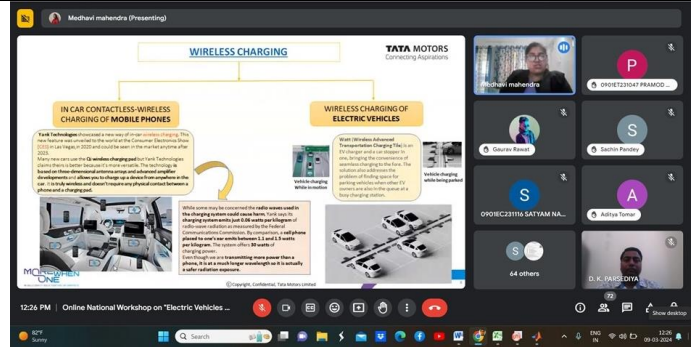
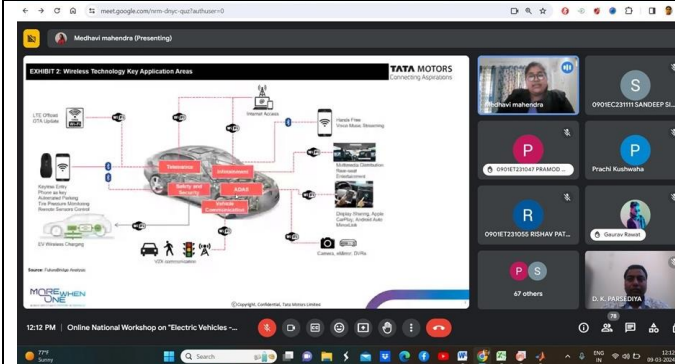
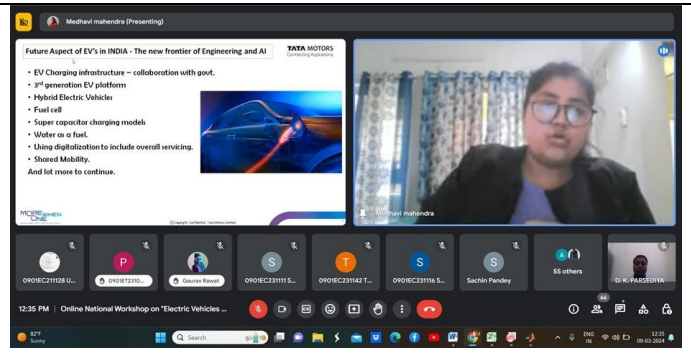
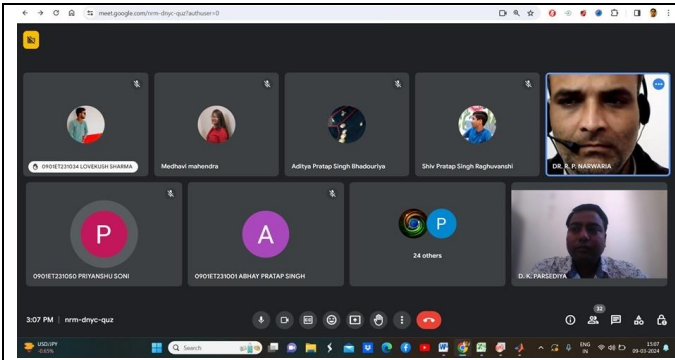
### The Workshop Contents meet with your expectations



97 responses



## Glimpses of Workshop:



*Dr. R.P.Narwaria*

Dr. R.P.Narwaria  
Workshop Coordinator

*Prof. D.K. Parsediya*

Prof. D. K. Parsediya  
Workshop Coordinator

*Dr. Vandana V. Thakare*

Dr. Vandana V. Thakare  
HOD