



Dr. Mahalingam College of Engineering and Technology
Office of Dean Research & Innovation
Materials, Design and Manufacturing
Research Interest Group

Report on “Knowledge Sharing Session”

Date: 28-02-2025

About the Session:

The Research Interest Group (RIG) - Materials, Design and Manufacturing has organized a knowledge sharing session for the benefit of the faculty members of MCET. The session details are given below for your kind reference.

S.No.	Name of the Resource Person	Topic	Date& Time	Venue	No of Participants
1	Dr. Vimal Jayaseelan Founder & CEO Hygge Mobility Pvt. Ltd., Bengaluru	“Electric Vehicles – Challenges and Opportunities”	28-02-2024 02.30 pm	Automobile Dept. Conf. Hall A421	7

Objectives:

- Provide faculty members with a comprehensive overview of key concepts of Electric Vehicles.
- Highlight the Environmental and Economic Benefits of EVs:
- Explore the Key Challenges in EV Adoption
- Discuss Technological Advancements in EVs:

Topics Covered:

- Electric vehicles are, their components, and their working.
- Types of electric vehicles and their relative merits
- EV Battery types and specifications
- About Hygge Mobility - Products

Feedback:

Name of the Faculty	Designation	Department	Mobile Number	How do you rate quality of the speaker?	How do you rate effectiveness of the session?	The duration of the session is	Would you like to attend more such a session?	Open suggestion
Dr S.K.Ashok	AP (SG)	Automobile	9444289598	Excellent	Excellent	Appropriate	Yes	-
Dr.D.Nathan	Associate Professor	Mechanical	9003684970	Excellent	Good	Appropriate	Yes	-
Mr.J.Venkatesh	Assistant Professor	Mechanical	9788595221	Excellent	Good	Appropriate	Yes	-
Dr.N.Balamurali	Assistant Professor	Mechanical	8675633163	Excellent	Good	Appropriate	Yes	-
Mr.M.Mahendran	Assistant Professor (SS)	Automobile	9965694012	Excellent	Excellent	Appropriate	Yes	-
Mr.R.B.Rajeshkumar	Assistant Professor	Automobile	9952576107	Excellent	Excellent	Appropriate	Yes	-
Mr.S.Mahalingam	Assistant Professor	Automobile	8012361287	Excellent	Excellent	Appropriate	Yes	-

Q & A Session/Interaction:

The following queries were raised by the participants and were clarified by the resource person

Queries:

- How can we address the issue of "range anxiety" that EV owners experience?
- What do you think are the biggest challenges when it comes to fully transitioning the transportation sector to electric mobility?
- How can the high initial cost of EVs be reduced to make them more accessible to a broader range of consumers?

Outcomes:

- ❖ Faculty members gained a comprehensive understanding of concepts of Electric Vehicles.
- ❖ Faculty members gained knowledge of technological advancements in EVs

Photos taken during the Session:



S. Prunkaney

Dean R&I

Al. Sessam

Vice-Principal

Pranav

Principal

**--Sd--
Joint-Secretary**

**--Sd--
Secretary**