

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

Report on Knowledge Sharing Session on “Innovations in Automotives”

Date: 26-09-2024

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	Mr. K.N.Balaji, Sr. Advisor (Rtd.), Automotive, Farm & off Highway Equipment, Brakes India Pvt. Ltd, Chennai	Innovations in Automotives	24-09-2024 03.30 pm	Automobile Dept. Conf. hall (A421)	14

Objectives:

- Provide faculty with insights into the latest trends and technologies in the automotive industry
- Identify potential research opportunities and collaborative projects among faculty members that focus on automotive innovations and their implications

Topics

Covered:

- Farm equipment details
- Innovations in farm equipment
- Tractors
- Innovations in Sprayers

- Innovations in Seeders and Planters

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.D.Shanmugam	Prof & HoD	Automobile	9865849372	Excellent	Excellent	Appropriate	Yes	Good session
Dr. Rama Thirumurugan	Prof & HoD	Mechanical	8778971372	Excellent	Excellent	Appropriate	Yes	Excellent session
Dr.M.Selvakumar	Professor	Automobile	7358272521	Excellent	Excellent	Appropriate	Yes	-
Dr S.K.Ashok	AP (SG)	Automobile	9444289598	Excellent	Excellent	Appropriate	Yes	-
Dr.K.Sakthivadivel	AP (SG)	Automobile	9942262839	Excellent	Excellent	Appropriate	Yes	-
Mr.M.Padmanaban	AP (SS)	Mechanical	9688551247	Excellent	Excellent	Appropriate	Yes	-
Mr.M.Gideon Ganesh	AP (SS)	Mechanical	9698376655	Excellent	Excellent	Appropriate	Yes	-
Mr.M.Mahendran	AP (SS)	Automobile	9965694012	Excellent	Excellent	Appropriate	Yes	-
Mr.R.Vishnurameshkumar	AP (SS)	Automobile	9942873374	Excellent	Excellent	Appropriate	Yes	-

Q & A

Session/Interaction:

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

Queries:

- What are the recent developments in farm equipment?
- What are the innovations done in pesticide sprayers?

Outcomes:

- ❖ Faculty members gain a comprehensive understanding of the latest innovations in farm equipment, including precision agriculture, smart machinery, and automation technologies.
- ❖ Faculty members gain knowledge on the latest innovations in automotive technology

Poster of the event:



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Office of Dean
Research & Innovation



“Materials, Design & Manufacturing”

Knowledge Sharing Session



Mr.K.N.Balaji
Sr. Advisor (Rtd),
Automotive, Farm & Off-Highway Equipment
Brakes India Pvt. Ltd.

“Innovtions in Automotives”

24/09/2024 @ 3.30 PM

Venue: A421, Auto. Dept. Conference Hall

All are cordially Invited !!!

Collaborate, Innovate, Elevate: Research Excellence...



Photos taken during the Session:



S. Prunkaney

Dean R&I

[Signature]

Principal

**--Sd--
Secretary**