



## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **CIRCULAR**

**Ref No: 25-26/Even/Mech/WS 01**

**Date: 02.02.2026**

The Department of Mechanical Engineering is organizing a One day on Workshop Recent trends in Automotive testing on 5th Feb 2026. All the students are encouraged to actively participate and make the best use of this learning opportunity.

**HOD**

Circulated to:	1. All the faculty members 2. All the students
Copy to	1. Principal Office 2. Department Notice Board

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSION'S RESEARCH FOUNDATION**

**APPROVAL FORM FOR GUEST LECTURE / SEMINAR / INDUSTRIAL VSIT**

SEMESTER: ~~ODD~~ EVEN  
DEPT : MECHANICAL ENGINEERING

ACADEMIC YEAR : 2025-2026  
DATE: 2/1/2026

S.N o	Tentativ e date	Topic/Compa ny	Whether the topic/visit relevant to current semester course if yes Subject code/Name	Name of the Resource person/company with address & phone number	Faculty Coordinator(s)	Budget	Outcome	Justifications by HoD
1	5/2/2026	Recent trends in Automotive testing	Yes	Mr. Ramakrishnan, DGM- Testlabs Mahindra Research Valley Mahindra World City, Plot No. 41/1, Anjur Post, Chengalpattu, Tamil Nada - 603204, India.	Dr.M.Saravana kumar Assoc Prof Mechanical	<u>Rs 4000</u>	To understand the concepts of Automobile	<i>SAE activity</i>

Signature

  
COORDINATOR

Recommended / Not Recommended by

  
HOD

  
VICE PRINCIPAL (ACADEMICS)

Approved by

  
PRINCIPAL



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)



## DEPARTMENT OF MECHANICAL ENGINEERING



*Cordially invites you all for*

**One day  
Workshop on Recent trends in Automotive testing  
on  
5th Feb 2026**

**SAE - Society of Automotive Engineers**

### Welcome Address

**Dr.M.Prabhahar, Prof & Head  
Department of Mechanical Engineering,  
AVIT,**

### Felicitation

**Prof V.Krithika  
SAE**

### Vote of thanks

**Dr.M.Saravana Kumar  
Assoc. Prof. MECH, AVIT.**



*Cordially invites you all to the workshop on*

# **Recent Trends in Automotive Testing**



**Resource Person**

**Mr. Ramakrishnan**

DGM - Testlabs  
Mahindra Research Valley  
Mahindra World City  
Chengalpattu



**05 February 2026**



**02:00 PM - 03:00 PM**



**Bosch Lab , AVIT**



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Accredited with  
A Grade by NAAC

*Organized by*

**Department of Mechanical Engineering**



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## DEPARTMENT OF MECHANICAL ENGINEERING

**Ref No: 25-26/Even/Mech/WS 01**

**Date: 06.02.2026**

From

Dr. M Saravana Kumar,  
Assoc Prof /Mech  
Mechanical Engineering  
Aarupadai Veedu Institute of Technology  
Paiyanoor-603 104

To

The Principal,  
Aarupadai Veedu Institute of Technology  
Paiyanoor-603 104

Respected Sir,

**Sub: Submission of Mechanical Engineering Department Event-Report- Reg.**

The Department of Mechanical Engineering, Aarupadai Veedu Institute of Technology, organised a One day on Workshop Recent trends in Automotive testing on 5th Feb 2026 at Bosch Lab. The report of the programme is herewith attached for your kind perusal.

Thanking you,

With regards,

Event Coordinator

HOD

**DEPARTMENT OF MECHANICAL ENGINEERING****&****SAE INDIA organised****One day on Workshop Recent trends in Automotive testing on 5th Feb 2026**

The Department of Mechanical Engineering organized an Workshop on “**Recent Trends in Automotive Testing**” to provide students with insights into the latest advancements and industry practices in the automotive testing domain. The session was delivered by **Mr. Ramakrishnan**, Deputy General Manager (DGM) – Test Labs, Mahindra Research Valley, Mahindra World City, and around 27 students participated in the Workshop.

During the session, the speaker highlighted the rapid transformation of automotive testing driven by technological innovation, stricter safety norms, and sustainability goals. He explained how modern vehicles undergo extensive durability, performance, safety, and emission testing to meet global regulatory standards. Special emphasis was placed on the growing role of electric vehicles (EVs) and the need for advanced testing methodologies for batteries, power electronics, and thermal management systems.

Mr. Ramakrishnan discussed the increasing adoption of virtual testing, simulation, and digital twin technologies, which help reduce development time and cost while improving accuracy. He also elaborated on NVH (Noise, Vibration, and Harshness) testing, crash testing, and real-world validation techniques used in the automotive industry.

The session provided valuable exposure to industry-oriented testing facilities and procedures followed at Mahindra Research Valley. Students gained practical understanding of how theoretical concepts are applied in real-time automotive product development. The interactive discussion motivated students to explore careers in automotive testing, research, and development.

Overall, the lecture was highly informative and enriched the technical knowledge of participants, successfully bridging the gap between academic learning and industrial practices in modern automotive testing.

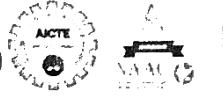


## LIST OF PARTICIPANTS



**AVIT**  
ANNAKA MISSION INSTITUTE OF TECHNOLOGY

VINAYAKA MISSION'S  
RESEARCH FOUNDATION



### DEPARTMENT OF MECHANICAL ENGINEERING One Day Workshop in Recent trends in Automotive testing SAEINDIA

ATTENDANCE SHEETS- 05-02-2026

Sl No	Reg No	Name	Year	Sign
1.	3442420503	H. Lawrence Joshua	III <sup>rd</sup> year	
2.	3442420504	S. Seralathan	III <sup>rd</sup> year	
3.	3442420502	SARADEESHMURALEEN.P	III <sup>rd</sup> year	
4.	3442310502	K. SURIYA.	III <sup>rd</sup> YEAR.	
5.	3442420505	Thenkumar-D	III <sup>rd</sup> year	
6.	3442455504	Rohith .S	III <sup>rd</sup> year	
7	25 METR 300 2	Kaushna .Giridhar	III <sup>rd</sup> year	
8)	3442456501	Amith Vaagluse	III <sup>rd</sup> year	
9	3442453502	Godwin Byca	III <sup>rd</sup> year	
10	AVIT-25-26-7462	Abhinav .n.k	III <sup>rd</sup> year	
11	AVIT-25-26-7460	Munees .M	III <sup>rd</sup> year	
12	AVIT-25-26-7461	Sonal .P	III <sup>rd</sup> year	
13	3442555501	Jabanshu.D	III <sup>rd</sup> year	
14	3442310501	AKASH	III - yr	
15.	3442455501	Dhanush	III. yr	

**AVIT**VINAYAKA MISSION'S  
RESEARCH FOUNDATION

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**One Day Workshop in Recent trends in Automotive testing**  
**SAEINDIA**

ATTENDANCE SHEETS- 05-02-2026

Sl No	Reg No	Name	Year	Sign
01	3442210510	Subrav Roy	IV	
2	3442210508	Nithish Kumar	IV	
3	3442210503	Gr. MUKILAN	4 <sup>th</sup> year	
4	3442210511	SURYA.R	4 <sup>th</sup> Year	
5	3442320501	GUNDATI CHARAN	4 <sup>th</sup> year	Charan
6	3442210501	SUGUMARAN. G	4 <sup>th</sup> YEAR.	
7	3442210507	Nilesh Kumar	4 <sup>th</sup> year	
8	3442210505	prabhatkumar	4 <sup>th</sup> year	
9	3442320504	Navneet arand J	"	
10	3442320502	S. IYYAPPAN	"	
11)	3442210502	DHANUSH.M	1 <sup>st</sup> yr	
12)	3442420501	R. HAVISH	III Year	

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AVIT/GLSFBP/29(c)

**FEEDBACK FROM PARTICIPANTS**

SEMESTER: ODD  
DEPT :MECHANICAL ENGG.

ACADEMIC YEAR 2025-26  
DATE: 05/02/2026

Name of the Participant	<u>K-SURYA</u>
Prog., Branch, Sem & Sec (If Applicable)	<u>BE MECHANICAL, VI SEM.</u>
Designation & Organisation (If Applicable)	<u>STUDENT AT AVIT COLLEGE</u>
Title of the Lecture / Seminar	<u>RECENT TRENDS IN AUTOMOTIVE TESTING</u>
Name of the Speaker(s)	<u>MR. RAMAKRISHNAN</u>
Date & Time	<u>05/02/2026 AND 2:00 PM TO 3:00 PM</u>
Venue & Duration of Lecture	<u>BOSCH LAB AND 1 HOUR</u>

Feedback from Participant (Maximum Marks 5)

1. Communication - 5
2. Interaction - 5
3. Presentation - 5
4. Content - 4
5. Learning Value - 5

Total - 24

Any other Suggestions	<u>It was really a valuable time and great experience and knowledge.</u>
Signature of the Participant	<u>K-Surya</u>

  
Reviewed by Faculty In charge

  
HOD

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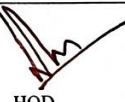
FEEDBACK FROM PARTICIPANTS

SEMESTER: ODD .  
DEPT :MECHANICAL ENGG.

ACADEMIC YEAR 2025 -2026  
DATE: 5/2/26

Name of the Participant	GUNDATI CHARAN
Prog., Branch, Sem & Sec (If Applicable)	BE /MECHANICAL/ VIII <sup>th</sup> /
Designation & Organisation (If Applicable)	Student.
Title of the Lecture / Seminar	Recent Trends in Automotive Testing
Name of the Speaker(s)	Mr - Ramakrishnan
Date & Time	05/02/2026 / 2:00 - 3:00 PM
Venue & Duration of Lecture	BOSCH Lab, AVIT
Feedback from Participant (Maximum Marks 5)	
1. Communication	5
2. Interaction	5
3. Presentation	5
4. Content	5
5. Learning Value	5
Total	25
Any other Suggestions	No
Signature of the Participant	G. Charan

  
Reviewed by Faculty In charge

  
HOD

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AVIT/GLSFBP/29(c)

**FEEDBACK FROM PARTICIPANTS**

SEMESTER: ODD

ACADEMIC YEAR 2025-26

DEPT :MECHANICAL ENGG.

DATE: 05-06-26

Name of the Participant	<u>AKASH A</u>
Prog., Branch, Sem & Sec (If Applicable)	<u>B.E. MECHANICAL, VI-SEM III -YR</u>
Designation & Organisation (If Applicable)	<u>Student</u>
Title of the Lecture / Seminar	<u>Recent trends in automotive meeting</u>
Name of the Speaker(s)	<u>Mr - Panakrishnan</u>
Date & Time	<u>05-06-26 /02:00 to 03:00</u>
Venue & Duration of Lecture	<u>Bosch Lab, AV SD</u>

Feedback from Participant (Maximum Marks 5)

1. Communication 5
2. Interaction 5
3. Presentation 5
4. Content 5
5. Learning Value 5

Total 25

Any other Suggestions	<u>Nil</u>
Signature of the Participant	<u>[Signature]</u>

M. Srinivas  
Reviewed by Faculty In charge

V. M.  
HOD

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AVIT/GLSFBP/29(c)

**FEEDBACK FROM PARTICIPANTS**

SEMESTER: ODD/EVEN

DEPT :MECHANICAL ENGG.

ACADEMIC YEAR 2025-2026

DATE: 5/2/26

Name of the Participant	<u>Dhanush.M</u>
Prog., Branch, Sem & Sec (If Applicable)	<u>BEC(mechanical) 3<sup>rd</sup> year 4<sup>th</sup> sem</u>
Designation & Organisation (If Applicable)	<u>-</u>
Title of the Lecture / Seminar	<u>Recent Trends in Automotive Testing</u>
Name of the Speaker(s)	<u>Mr. Ramakrishnan.</u>
Date & Time	<u>5/2/26 @ 2:00PM.</u>
Venue & Duration of Lecture	<u>BESTCH LAB @ AVIT, (60 mins).</u>
Feedback from Participant (Maximum Marks 5) 1. Communication <u>✓</u> 2. Interaction <u>✓</u> 3. Presentation <u>—</u> 4. Content <u>—</u> 5. Learning Value <u>—</u>	
Total	<u>25/25</u>
Any other Suggestions	<u>—</u>
Signature of the Participant	<u>M. Dhanush</u>

Reviewed by Faculty In charge

M. Ramakrishnan

HOD

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AVIT/GLSFBS/29(b)

**FEEDBACK FROM SPEAKER**

SEMESTER: ODD

ACADEMIC YEAR 2025-2026

DEPT : MECHANICAL ENGG.

DATE: 5/2/26

Name of the Speaker	Ramakrishnan
Designation & Organisation	DGM - MRO
Title of the Lecture / Seminar	Recent Trends in Automobile Testing
Date & Time	9.30pm - 33pm [ 5/02/26 ]
Venue	AVIT
Beneficiary	-
Duration of the Lecture	1 hr
Suggestions of Speaker	- good Support -
Signature	

  
Reviewed by Faculty In charge

  
HOD