



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:	<ol style="list-style-type: none"> 1. All the faculty members 2. All the students
Copy to	<ol style="list-style-type: none"> 1. Principal Office 2. Department Notice Board

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

APPROVAL FORM FOR GUEST LECTURE / SEMINAR / INDUSTRIAL VISIT

SEMESTER: ~~ODD~~ EVEN

ACADEMIC YEAR : 2025-2026

DEPT : MECHANICAL ENGINEERING

DATE: 2/1/2026

S.No	Tentative date	Topic/Company	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 Nadu - 603204, India.	Dr.M.Saravana kumar Assoc Prof Mechanical	<u>Recommended</u> Rs 4000	To understand the concepts of Automobile	SAE activity

Signature

Recommended / Not Recommended by

Approved by


COORDINATOR


HOD


VICE PRINCIPAL (ACADEMICS)


PRINCIPAL



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.**



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Vinayaka Missions Chennai Campus

DIAMOND

OS I-GAUGE

INDIAN COLLEGE RATINGS

SAEINDIA
Society of Automotive Engineers INDIA

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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(Deemed to be University under section 3 of the UGC Act 1956)



Accredited with
'A' Grade by NAAC

Organized by

Department of Mechanical Engineering



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

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
APPA PADA VEDIC INSTITUTE OF TECHNOLOGY



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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 rd year	
2.	3442420504	S. Seralathan	III rd year	
3.	3442420502	SAGADESHMURARIAN-P	III rd year	
4.	3442310502	K. SURIYA	III rd year	
5.	3442420505	Thenkumar-D	III rd year	
6.	3442455504	Rohith S	III rd year	
7	25 HETR 3002	Kaushna. Gini d V	III rd year	
8	3442456501	Amith Vaegluse	III rd year	
9	3442453502	Brodmir Byr	III rd year	
10	AVIT-25-26-7462	Abhinav. n. k	III rd year	
11	AVIT-25-26-7460	Munees. M	III rd year	
12	AVIT-25-26-7461	Sanal. P	III rd year	
13	3442555501	JabaNesh. D	III rd year	
14	3442310501	AKASH	III rd year	
15.	3442455501	Dhanush	III rd year	



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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	Subhansu Ray	IV	
2	3442210508	Nithish Kumar	IV	
3	3442220503	G. MUKILAN	4 th year	
4	3442210511	SURYA.R	4 th Year	
5	3442220501	GUNDATI CHARAN	4 th year	
6	3442223501	SUBHOMARAV. G	4 th YEAR.	
7	3442210507	NILESH KUMAR	4 th year	
8	3442210505	prabhatkumar	4 th year	
9	3442220504	naveen arand. J	"	
10	3442220502	S. IYAPPAN	"	
11)	3442210502	DHANUSH.M	1 st yr	
12)	3442220501	R. NAVISH	III Year	

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AVIT/GLSFBP/29(c)

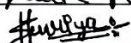
FEEDBACK FROM PARTICIPANTS

SEMESTER: ODD

ACADEMIC YEAR 2025-26

DEPT : MECHANICAL ENGG.

DATE: 05/02/2026

Name of the Participant	K-SURIYA
Prog., Branch, Sem & Sec (If Applicable)	BE MECHANICAL, VISEM.
Designation & Organisation (If Applicable)	STUDENT AT AVIT COLLEGE
Title of the Lecture / Seminar	RECENT TRENDS IN AUTOMOTIVE TESTING
Name of the Speaker(s)	MR. RAMAKRISHNAN
Date & Time	05/02/2026 AND 2:00 PM TO 3:00 PM
Venue & Duration of Lecture	BOSCH LAB AND 1 HOUR
<p>Feedback from Participant (Maximum Marks 5)</p> <p>1. Communication - (5)</p> <p>2. Interaction - (5)</p> <p>3. Presentation - (5)</p> <p>4. Content - (4)</p> <p>5. Learning Value - (5)</p> <p>Total - (24)</p>	
Any other Suggestions	It was really a valuable time and great experience and knowledge.
Signature of the Participant	


Reviewed by Faculty In charge


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AVIT/GLSFBP/29(c)

FEEDBACK FROM PARTICIPANTS

SEMESTER: ODD -


ACADEMIC YEAR ~~2025~~ 2026

DEPT : MECHANICAL ENGG.

DATE: 5/2/26

Name of the Participant	GUNDATI CHARAN
Prog., Branch, Sem & Sec (If Applicable)	BE / MECHANICAL / VIII th /
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
<p>Feedback from Participant (Maximum Marks 5)</p> <p>1. Communication 5</p> <p>2. Interaction 5</p> <p>3. Presentation 5</p> <p>4. Content 5</p> <p>5. Learning Value 5</p> <p>Total 25</p>	
Any other Suggestions	No
Signature of the Participant	G. Charan


Reviewed by Faculty In charge


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FEEDBACK FROM PARTICIPANTS

SEMESTER: ODD


ACADEMIC YEAR 2025-26

DEPT : MECHANICAL ENGG.

DATE: 05-06-26

Name of the Participant	AKASH A
Prog., Branch, Sem & Sec (If Applicable)	B.E. MECHANICAL, VI-SEM III-YR
Designation & Organisation (If Applicable)	Student
Title of the Lecture / Seminar	Recent trends in automotive testing
Name of the Speaker(s)	Mr. Rameshkrishnan
Date & Time	05-06-26 / 02:00 to 03:00
Venue & Duration of Lecture	Rosch Lab, AVIT
<p>Feedback from Participant (Maximum Marks 5)</p> <ol style="list-style-type: none">1. Communication 52. Interaction 53. Presentation 54. Content 55. Learning Value 5 <p>Total 25</p>	
Any other Suggestions	Nil
Signature of the Participant	


Reviewed by Faculty In charge


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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	Dhanush.M
Prog., Branch, Sem & Sec (If Applicable)	BEC mechanical 3 rd (VIII) th & 4 th R.
Designation & Organisation (If Applicable)	-
Title of the Lecture / Seminar	Recent Trends in Automotive Testing.
Name of the Speaker(s)	Mr. Ramakrishnan.
Date & Time	5/2/26 @ 2:00pm.
Venue & Duration of Lecture	BOSCH LAB @ AVIT, (60 mins).
Feedback from Participant (Maximum Marks 5)	
1. Communication ✓	
2. Interaction ✓	
3. Presentation ✓	
4. Content ✓	
5. Learning Value ✓	
Total	25/25
Any other Suggestions	✓
Signature of the Participant	M.24


Reviewed by Faculty In charge


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VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBS/29(b)


FEEDBACK FROM SPEAKER

SEMESTER: ODD


ACADEMIC YEAR 2025-2026

DEPT : MECHANICAL ENGG.

DATE: 5/2/26

Name of the Speaker	Ramakrishna D
Designation & Organisation	DGM - MRD
Title of the Lecture / Seminar	Recent Trends in Automobile Testing
Date & Time	2.30pm - 3.30pm [5/02/26]
Venue	AVIT
Beneficiary	-
Duration of the Lecture	1 hr
Suggestions of Speaker	— Good Subject —
Signature	


Reviewed by Faculty In charge


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