



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
INDUSTRIAL VISIT REPORT

Event Title	Industrial Visit		
Name of the Company	HITS Engineering Tools, Kattur, Tamil Nadu – 603110		
Academic year	2025– 2026	Quarter	II
Program Type (Workshop / Motivation speech / Field Visit / Competition / Others)	Field visit to HITS Engineering Tools, Kattur, Tamil Nadu		
Program Theme (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others)	Precision machining, assembly, and quality testing of automobile components.		
Date of Visit (DD/MM/YYYY)	15.10.2025		
Duration of the activity (in Mins) & Start Time & End Time	Duration: 120 Mins.	Start Time: 10:00 AM	End Time: 12.00PM
Participants	Students: 26	Faculty: 03	External: Nil
Event Organizer / Coordinator Faculty Name / Department / Designation	Dr.S.Sangeetha, Dr.M.Saravanakumar, Mr.M.Saravanan Department of Mechanical Engineering, AVIT		
Target Participants	III & IV Year students of B.E. Mechanical Engineering		
Outcome	Students were able to understand the various machining processes such as CNC turning, milling, drilling, and grinding, along with inspection techniques using instruments like vernier calipers, micrometers, hardness testers, and coordinate measuring machines (CMM).		

Report:

The Department of Mechanical Engineering has arranged an Industrial visit to HITS Engineering Tools, Kattur. Around 26 students of III and IV year B.E. Mechanical Engineering visited the Loco works and had a thorough knowledge of workflow from raw material to finished product, including process planning, machining sequence, tool selection, and quality assurance procedures. They also learned about documentation systems, inspection checklists, and production control.

The engineers on-site explained the importance of precision, tolerances, and surface finish in achieving product reliability. Faculty members Dr.S.Sangeetha, Dr.M.Saravanakumar, Mr.M.Saravanan accompanied the students during the visit.

Outcome:

The visit provided practical exposure to automobile parts manufacturing and general engineering tool production industrial safety, teamwork, and process optimization, enriching the students' understanding of real-world engineering challenges. It strengthened the link between classroom learning and industrial application, motivating students to pursue innovation and professional excellence in manufacturing and design.

PHOTO GALLERY





INDUSTRIAL VISIT PARTICIPANTS LIST

Place of visit: HITS Engineering Tools, Kattur

Date: 15.10.2025

SL.No	Reg. No / Adm No	Name	Year/Sem
1	3442113510	PRAVEEN V	IV/VII
2	3442113512	RANJITH KUMAR	IV/VII
3	3442210502	DHANUSH M	IV/VII
4	3442210503	EJAZ AHAMAD	IV/VII
5	3442210505	JAMES ANDREW P	IV/VII
6	3442210506	KRISHNA KUMAR	IV/VII
7	3442210508	NITHISH KUMAR S	IV/VII
8	3442210510	SUKUMAR RAY	IV/VII
9	3442210511	SURYA R	IV/VII
10	3442213501	SUGUMARAN G	IV/VII
11	3442320501	GUNDATI CHARAN	IV/VII
12	3442320502	IYYAPPAN S	IV/VII
13	3442320503	MUKILAN G	IV/VII
14	3442320504	NAVEEN ANAND J	IV/VII
15	3442455501	ABHISHEK A	IV/VII
16	25 REDO MECH7001	RAJAKUMARAN P	IV/VII
17	3442310501	AKASH A	III / V
18	3442310502	SURIYA.K	III / V
19	3442420501	HAVISH.R	III / V
20	3442420502	JAGADEESHWARAN P	III / V
21	3442420503	LAWRANCE JOSHVA H	III / V
22	3442420504	SERALATHAN.S	III / V
23	3442420505	THEN KUMAR.D	III / V
24	3442453501	DHANUSH R	III / V
25	3442453502	GODWIN BIJU	III / V
26	6543	JABANESH D	III / V