

ACTIVITY REPORT FORMAT

1.	Name of Activity (Title)	Industrial Visit to VEE Gee Industries
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Industrial Visit
3.	Name of department/ Section/ cell conducting the activity	Mechanical Department
4.	In coordination with (if any)	--
5.	Date of conduct	08.04.2025
6.	Name of Activity Coordinator (s)	Dr. O P Mishra
7.	Amount Spent	0.00
8.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	-----
9.	Target audience	Students of Robotics & AI
10.	No. of beneficiaries	36
11.	Name of Outside guests	--
12.	Any other information	<p>The plant is making automobile sheet metal parts like; Door, rear axle, Engine supports etc. for Big OEM of automobile sector. The tour spanned a variety of processes, from stamping and roll-forming to CNC machining and a variety of finishing processes such as electro-deposition and powder coating. Highlights among the students included observing the robotic welding lines in operation—robot arms gliding with precision, coordinated with automated fixtures and sensors. These are meant to minimize human error and provide consistent output, which is a must in mass production.</p> <p>Students also got to observe the quality control area, where high-tech equipment like coordinate measuring machines (CMM), video measuring machines (VMM), and 3D scanners are used to inspect parts and ensure that they meet very high standards. These technologies allowed the students to get a better sense of how quality is inspected in a high-speed production environment. In all, the tour gave a clear picture of how things taught in class, including automation, integration of robotics, and smart manufacturing, are practiced in an actual factory. It connected theory with practice for the students and sparked key discussions on the future of robotics in the manufacturing industry in India.</p>
13.	Also attach two/ three good quality photographs	Photographs Attached

