



CSMSS

CHHATRAPATI SHAHU MAHARAJ SHIKSHAN SANSTHA's

CHH. SHAHU COLLEGE OF ENGINEERING

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REF.CSCOE/MED/Ind. Visit /2026/
10/09/2026

Date:

Industrial Visit Report Format

College Name: CSMSS Chh. Shahu College of Engineering

Department: Mechanical Engineering Dept.

Industrial Visit to: Marathwada Auto Compo Pvt Ltd Unit VI

Date: 10/09/2026

Faculty In-charge: Mr. Y. K. Narwade

No. of Students: 106

1. Introduction

The automotive component manufacturing industry serves as the foundational backbone of the wider automotive sector. It functions as a specialized B2B (Business-to-Business) network that acts as an OEM (Original Equipment Manufacturer) supplier. Rather than producing final consumer-ready vehicles, these industrial facilities develop, test, and fabricate specialized sub-assemblies and individual parts of JCB require to build heavy machinery like Road Roller

2. Objectives of the Visit

- To study the workflow of robotic MIG/TIG welding lines and manual welding setups.
- To understand the mechanics of heavy-duty hydraulic press brakes and shearing machines.
- To observe the continuous operation of automated roller bending equipment.
- To Understand Lean Manufacturing Execution

3. Schedule / Activities During Visit

Time	Activity / Session	Resource Person / Guide	Remarks
11:00 – 11:30 AM	Welcome & Introduction	Sameer Karurkar	
11:30 – 02:00 PM	Factory / Lab Tour	Tanmay Deshpande	
02:00 – 02:30 PM	Q&A / Interaction	Tanmay Deshpande	
02:30 – 03:00 PM	Feedback & Departure	Sameer Karurkar	

4. Key Observations / Learning

- Lean Manufacturing Execution: Noted the widespread implementation of the 5S methodology (Sort, Set in order, Shine, Standardize, Sustain), visibly demonstrated by marked walkways, clean workstations, and clearly designated tool boards.

- Total Productive Maintenance (TPM): Discovered how operator-led daily machine checks and preventative maintenance schedules maximize overall equipment effectiveness (OEE) and curb unscheduled machine downtime.
- Observed the precise coordination of automated robotic MIG/TIG welding.

5. Student Feedback (Optional)

- The CNC plasma cutting demonstration clearly showed how digital CAD designs turn into physical parts.
- Observing the 5S methodology on the active factory floor showed me how critical cleanliness and organization are to safety

6. Photographs



Industrial Visit at Marathwada Auto Compo Pvt Ltd Unit VI at Turkabad Kharadi, Chh.Sambhajinagar Date-10/09/2026



Plant Visit at Marathwada Auto Compo Pvt Ltd Unit VI, Date-10/09/2026



Plant Visit at Marathwada Auto Compo Pvt Ltd Unit VI, Date-10/09/2026

7. Conclusion

Students gained critical insights into industrial discipline by observing how systematic 5S organization and Total Productive Maintenance (TPM) directly maximize machine efficiency and workplace safety.

Faculty In-charge Signature: _____

Industry Visit Incharge Signature: _____

HOD Signature: _____

Principal Signature : _____