



CSMSS

Chhatrapati Shahu Maharaj Shikshan Sanstha's

CHH. SHAHU COLLEGE OF ENGINEERING

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Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). DTE Code:2533

DEPARTMENT OF FIRST YEAR ENGINEERING
ACADEMIC YEAR 2025-26

Date: 13-12-2025

Name of the event:	Industrial Visit of First Year Mechanical Engineering Students at Metalman Auto Pvt. Ltd Waluj MIDC, Chhatrapati Sambhajinagar.
Date of the event & Venue:	08th & 09th December 2025 at Metalman Auto Pvt. Ltd Waluj MIDC, Chhatrapati Sambhajinagar.
Participants:	All the First Year Mechanical Engineering Students.
Event Speakers & Delegates:	1) Hon. Shri. S.N.Salve (Senior Manager -HR, IR and Admin, Metalman Auto Pvt. Ltd Waluj MIDC, Chhatrapati Sambhajinagar)
Summary of the event:	An industrial visit was organized for the First Year Mechanical Engineering students to Metalman Auto Pvt. Ltd., Waluj MIDC, Chhatrapati Sambhajinagar on 08th and 09th December 2025. The visit was planned with the objective of providing students with practical exposure to manufacturing processes and industrial practices, thereby bridging the gap between theoretical knowledge and real-world applications. Metalman Auto Pvt. Ltd. is a reputed manufacturing organization engaged in the production of automotive components, catering to leading automobile manufacturers. The company is known for its advanced manufacturing facilities, quality control systems, and adherence to industrial safety standards. The visit commenced with a formal welcome and a brief introductory session by the company officials. Students were given an overview of the organization, its product range, manufacturing capacity, and quality policies. The students were then taken for a guided plant tour, during which they observed the following key sections: A) Press shop and sheet metal forming operations B) Welding and fabrication units C) CNC and machining processes D) Surface finishing and inspection facilities E) Quality assurance and testing laboratory Company engineers explained various manufacturing processes, material flow, production planning, and the importance of precision, safety, and quality control in the automotive industry. Special emphasis was laid on industrial safety practices, use of personal protective equipment (PPE), and lean manufacturing concepts. The visit concluded with an interactive question-and-answer session, where students clarified their doubts regarding production processes, career opportunities, and skills required in the core mechanical engineering sector.



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Objectives & Outcomes:

The industrial visit proved to be highly beneficial for the students. The key outcomes are as follows:

- 1) Enhanced understanding of real-time manufacturing processes and shop-floor practices
- 2) Exposure to modern machinery, automation, and quality control techniques
- 3) Improved awareness of industrial safety norms and discipline
- 4) Better understanding of the role of mechanical engineers in the automotive industry
- 5) Motivation to relate classroom concepts with practical applications.

Conclusions:-

The industrial visit to Metalman Auto Pvt. Ltd. was a valuable learning experience for the First Year Mechanical Engineering students. It successfully enriched their practical knowledge, stimulated technical curiosity, and provided insight into professional industrial environments. Such visits play a crucial role in shaping industry-ready engineers and are highly recommended as part of the academic curriculum.

Photographs of the event:



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