



**CSMSS**

Chhatrapati Shahu Maharaj Shikshan Sanstha's  
**CHH. SHAHU COLLEGE OF ENGINEERING**

Kanchanwadi, Paithan Road, Chhatrapati Sambhajnagar 431 011  
Ph. No. : (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222  
Website: www.csmssengg.org



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

### Department of Mechanical Engineering

**Name of the event:** Industrial Visit

**Date of the event:** 22/05/2024

**Class:** SY Mechanical

**Summary of the event :** Luminaz Safety glass pvt. Ltd. Chh. Sambhajnagar has provided an opportunity to Second year Mechanical Engineering students for industrial visit. The main Objectives of the visit was to enhance the knowledge in the field of manufacturing Machines and different manufacturing Processes in industry.

- Outcome:**
1. Identify different types of Press Machines and their operations.
  2. Interpret different types of Welding Machines and their operations.
  3. Observation of Glass cutting and shaping operations.

### **Photographs of the event:**





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**Name of the event:** Industrial Visit

**Date of the event:** 24-05-2024

**Class:** TE

**Summary of the event:** Birla Precision Technologies Limited (Indian Tool Manufacturers Division), Plot No B-15, 3, MIDC, Waluj, Chhatrapati Sambhajnagar (Aurangabad), Kamlapur, Maharashtra 431136 has provided an opportunity to Third year Mechanical Engg. Students for industrial visit. It is engaged in Manufacturing of machining center tooling and work holding devices. BPTL supply AT3 class rotary tool holders, also manufactures high precision HSk tooling, advanced products like hydro grip and shrink fit CNC tooling.

Established in 1937, Birla Precision Technologies Limited has thrived across three dynamic divisions. Indian Tool Manufacturers (ITM), a pioneer since its inception, leads the market with its "Dagger Brand" of high-speed steel cutting tools, meeting global standards and serving diverse markets including Europe, America, and Asia. The Tool Holder division, branded as BPT, manufactures essential components like AT3 Tool Holders and Collets, contributing significantly to the Make in India initiative with exports to the USA, Germany, APAC, and recently, the Far East.

The Automotive division, formerly Birla Perucchini, excels in fabricating high-quality castings and precision components trusted by industry giants like Honeywell and Cummins. Complemented by a robust infrastructure spanning Maharashtra and a vast distribution network, Birla Precision Technologies continues its legacy of innovation and global leadership in engineering solutions.

Students were observed different types of machining operations and cutting operations in the manufacturing sector. Students learn about the many types of manufacturing machines and their uses.

Initial Head HR Briefed all students regarding company culture and work environment then Students Divided into 3 groups along with Design, Manufacturing and Quality Heads they visited the plant. All Heads Explain Processes and future opportunities to all students. At the last, Management of the company took some students' feedback regarding the visit and then on behalf of CSMSS CSCOE student Divya Chavan expressed gratitude towards company management.



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The main objectives of the visit were to enhance the knowledge in the field of manufacturing machines, IHP and Robotics and their advancement in different manufacturing processes in industry.

### Outcome:

1. Students should gain first-hand information regarding the functioning of the industry.
2. Students should understand the use of Manufacturing Processes, Robotics and IHP Subjects Knowledge in the manufacturing industry.
3. Students should get an insight into the real working environment of the industry.
4. Students should see their future place in the working world.

### Photographs of the event:





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**Name of the event:** Industrial Visit

**Date of the event:** 13-10-2023

**Class:** SE and TE

**Summary of the event:** Metalman Auto (P) Ltd., MIDC Waluj, Chh. Sambhajnagar has provided an opportunity to second and third year Mechanical Engg. Students for industrial visit. It is engaged into Manufacturing of Sheet Metal, Tubular, Light & Heavy Fabricated Assemblies, Sub-Assemblies, Parts with all types of Surface Finishing In house is a journey of 36+ years.

The main objectives of the visit were to enhance the knowledge in the field of manufacturing machines, IHP and Robotics and their advancement in different manufacturing processes in industry.

**Outcome:**

1. Students should gain first-hand information regarding the functioning of the industry.
2. Students should understand the use of Robotics and IHP in the manufacturing industry.
3. Students should get an insight into the real working environment of the industry.
4. Students should see their future place in the working world.

**Photographs of the event:**



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Name of the Event: Industrial Visit  
Date of the event: 13-05-2023  
Class: SE MECHANICAL  
No of students: 30 students +2 Faculty

**Summary of the event:** GREAVES COTTON LTD. MIDC Chikalthana, Chh. Sambhajnagar has provided an opportunity to second year mechanical students for industrial visit. The main Objective of the visit was to enhance the knowledge in the field of manufacturing Machines and different manufacturing processes in industry.

Outcomes:

1. Understand different types of machines.
2. Understand different Machining operations.

Photograph of event:



**Industrial Visit at Greaves Cotton Ltd.**