

A Report

On

**“Industrial Visit –PUNE (CHAKAN/RANJANGAON M.I.D.C.)”**

For the Students of Mechanical Engineering Department. (Semester – VI and VIII)

From 29<sup>th</sup> May to 31<sup>st</sup> May 2023

- **Objective:** “To understand practical aspects of Mechanical and Automobile Industries.”
- **Venue:** Sany Heavy India Pvt. Ltd., Bosch Chassis, JBM Group (Chakan M.I.D.C.) and Fiat India Pvt. Ltd. (Ranjangaon M.I.D.C.)
- **Number of Students:** 41 (VI and VIII semester, Mechanical Engineering)
- **Head of the Department:** Mr. Tushar Thakar
- **Faculty :**
  1. Mr. Tushar Thakar (HOD Mechanical Dept.)
  2. Mr. Pravin Zinzala (Asst. Prof. Mechanical Engg. Dept.)
  3. Mr. Rajat Dave (Asst. Prof. Mechanical Engg. Dept.)

## **1.1 OVERVIEW:**

The number of students who enrolled for the visit were 41 along with 3 faculty members. On the day of Visit all the members reached at 12 midnight Ahmedabad Terminal 1 Airport and reached at Pune airport at 4am. Then travelled to the hotel at Chakan M.I.D.C., get breakfast and started journey for the First Industry at 9:30 am. We reached at 10 am at Sany Heavy Industry and visited the plant. Our institute has become the first Engineering Institute from Gujarat to visit this Industry. After completing the first visit at 3:30pm, We reached at Bosch Chassis at 4pm and completed the second visit at 6pm. Then we reached at hotel and stayed there. On day 2, we checkout the hotel and reached to the third Industry, Fiat India Pvt. Ltd., Ranjangaon at 9am. Then we reached to fourth Industry JBM Group at 4pm and completed this visit at 6pm. The General Manager of JBM Group has assured us to give Internship support. Then we reached at 8pm at Lonawala and Stayed there. On day 3, we checkout at 11 am, then visited sight seen places at Pune city and reached at airport at 6pm. We departed from pune at 11 pm and reached at Ahmedabad airport at 12:30 am.

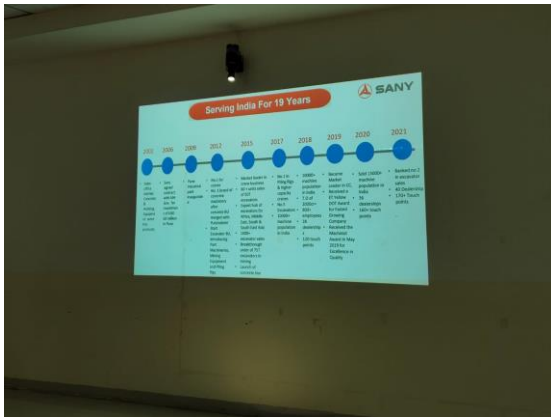
Following sections of the different industries were visited by faculties and Students.

- Fabrication unit
- Welding shop
- Assembly line
- I4.0 concept
- Engine part and Assembly department
- Fiat, TATA, JEEP car assembling units
- Stamping machines
- KUKA Robotic welding shop

## 1.2 Photography



**L. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY – AHMEDABAD.**  
**MECHANICAL ENGINEERING DEPARTMENT**





## **SUMMARY AND OUTCOME OF THE VISIT**

The visit enabled the students to

- To understand practical aspects of machine and assembly shop.
- To understand controlling aspect of mechanical components.
- From visit students can easily correlate theories with practical.

Below listed feedbacks of few of the students are:

1. Practical exposure to student.
2. They requested to arrange similar visit in the next semester with different domain.
3. The visit has helped them to understand their already learned subject.
4. Motivation to Research.

## **ACKNOWLEDGEMENT**

The coordinators are grateful to the College authorities, Management and the Vice President – Dr. Manish Shah (LJK Trust) for supporting them to carry out such a program and for providing the support. Secondly, the coordinators would like to thank Dr. A.C. Suthar – Director (L.J.I.E.T.), who encouraged the coordinators for this program. Also, the coordinators extend their gratitude to the Head of the Department Mr. Tushar Thakar, who has played a major role by being there at the time of need. Last but not the least; the students did a wonderful job and the coordinators are proud of each of their students.