



# Sandip Institute of Technology and Research Centre

**An Autonomous Institute**

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Accredited with “A” grade by NAAC With CGPA Score of 3.11



**SANDIP**  
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## Department of Mechanical Engineering

### Report of Industrial Visit to “Nilraj Engineering Works Private Limited, Nashik”

**1. Event Title:** Industrial Visit to “Nilraj Engineering Works Private Limited, Nashik”

**2. Event Date:** 15<sup>th</sup> March 2024

**3. Event Conduction Duration:** 2 Hours

**4. Event Venue:** Nilraj Engineering Works Private Limited, Nashik

**5. Event Resource Person Details:** Mrs. Kavita Patil, HR, NEWPL, Nashik.

**6. Name of Event Coordinator:** Prof. Pankaj S. Shirsath, Dr. Yogesh Agrawal

#### 7. Event Objectives & Outcomes

##### Objectives of Activity:

1. To transfer a practical understanding of automation systems and industrial production
2. To put together a case study to ascertain how the system has operated.

##### Outcomes of Activity:

1. The students were able to identify every lead component in the manufacturing and automation system.
2. Gathering every technical standard needed by the sector.
3. Knowledge of the typical operation and startup procedures in the industry.

#### 8. Event Details & Photos

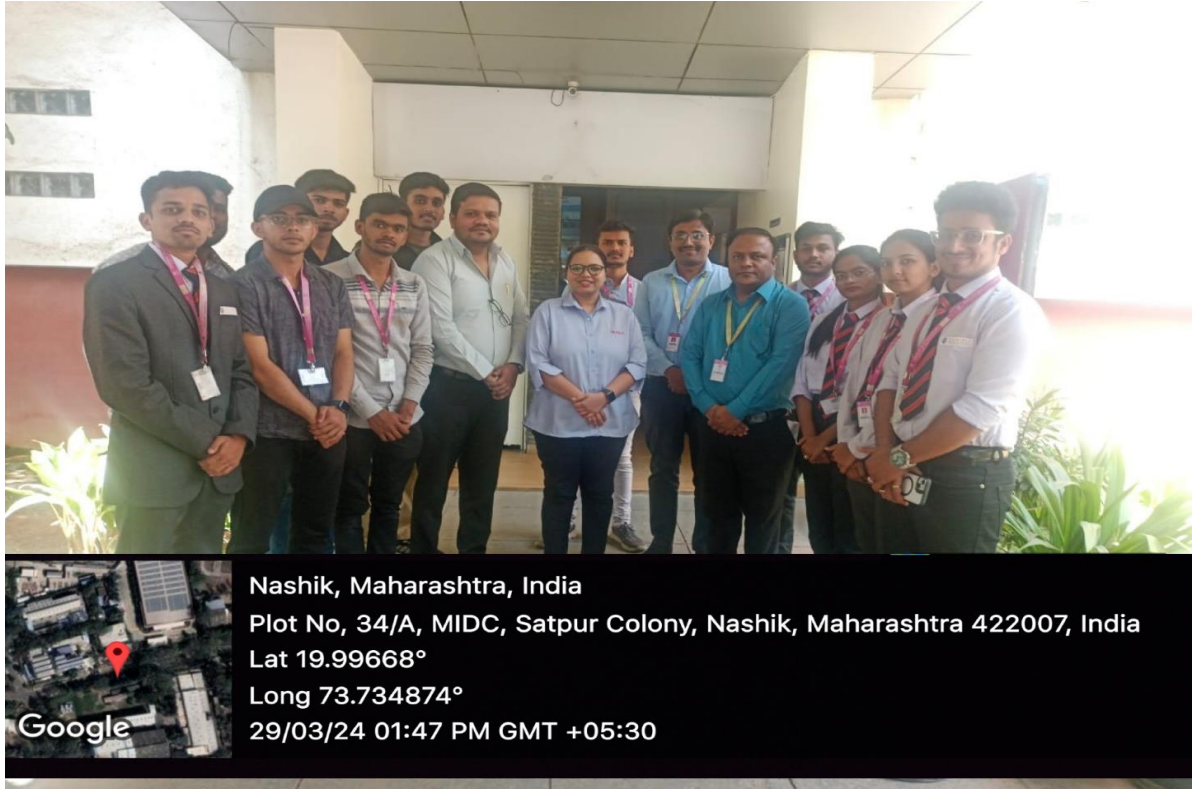
A one-day (15/03/2024) industrial visit was conducted by the Department of Mechanical Engineering, SITRC, to Nilraj Engineering Works Pvt. Ltd. in Nashik. Students studying Mechanical Engineering in their second and final years (SE and BE) have the chance to visit Nilraj Engineering Works Pvt. Ltd. in Nashik. For the industry visit, fifty students and two staff members were present. The head of Nilraj Engineering Works Pvt. Ltd. was permitted to visit the facility after the academic value and hands-on experience of the Kinematics of Machinery and Computer Integrated Manufacturing course for students were considered.

The S.E. and B.E. Mechanical curricula at the University of Pune state that automation and an industrial visit of a manufacturing facility are prerequisites for the degree. The Nilraj Engineering Works unit engineer, who guided our students during the

industry visit, went into great detail about the production of various aluminum capacitor cans, tubes, pesticide bottles, perfume bottles, and automobile components. Additionally, the only business in Maharashtra providing unique aluminum cans for the Chandrayaan-3 mission. The operating principle of Power Press-related metal forming products and components through the unit's extrusion process was taught to SE and BE students. During the tour, they also offer in-depth details regarding the technical characteristics of the many procedures and pieces of machinery utilized in the industry's overall operation.

The opportunity for students to witness the process directly would surely be beneficial, and this industrial visit was a great success.

### **Photograph of Industrial Visit at Nilraj Engineering Works Private Limited, Nashik**



Nashik, Maharashtra, India  
Plot No, 34/A, MIDC, Satpur Colony, Nashik, Maharashtra 422007, India  
Lat 19.99668°  
Long 73.734874°  
29/03/24 01:47 PM GMT +05:30

*Minisal Afzal*  
**EVENTCOORDINATOR**

*Harsh*  
**HOD**

*MPBZ*  
**PRINCIPAL**

