

Field Visit

Industrial Insight at Kiran Machine Tools

Activity Report

Academic Year	2024-25
Program Driven by	Industrial Insight at Kiran Machine Tools
Quarter	I
Program / Activity Name	Field Visit Industrial Insight at Kiran Machine Tools
Program Type	Field Visit Industrial Insight at Kiran Machine Tools
Program Theme	Enterprenureship and startup
Start Date	21-03-2025
End Date	21-03-2025
Duration of the Activity (in Mins)	6 hrs
Number of Student Participant	50
Number of Faculty Participant	5
Number of external Participant	--
Expenditure Amount in Rs.	
Any Remark	Nice Visit to Machine tools
Mode of Session Delivery	Offline
Objective	
Benefit in terms of Learning / Skills / Knowledge obtained	
Feedback	
Video url (mp4)	
Photograph 1 (jpg)	Attached
Photograph 2 (jpg)	Attached
Overall report of the Activity (pdf)	As given below

VISIT REPORT

Industry Name: Kiran Machine Tools, Jalgaon

Date of Visit: March 21, 2025

Organized by: Department of Mechanical Engineering

Objective of the Visit

The visit aimed to provide final-year Mechanical Engineering students with practical exposure to industrial manufacturing processes, CNC machining, and quality control techniques. It was an opportunity for students to bridge the gap between theoretical learning and industrial applications.

Company Overview

Kiran Machine Tools is a reputed manufacturer specializing in the production of industrial tools and machinery. Their facility includes advanced CNC machines, lathe machines, milling machines, and a quality assurance department.

Visit Schedule & Activities

1. **Introduction Session:** The visit began with an introduction to the company by senior engineers, explaining its operations, products, and industrial significance.
2. **Manufacturing Processes:** Students observed various machining processes, including CNC machining, grinding, and lathe operations.
3. **Quality Control & Testing:** A demonstration of the quality assurance techniques used in manufacturing was provided, emphasizing precision and accuracy.
4. **Interaction Session:** The students had an interactive Q&A session with the industry professionals, gaining insights into industrial challenges and career opportunities.
5. **Safety Measures:** The visit concluded with a briefing on workplace safety and best practices in the industry.

Key Learnings

- Hands-on exposure to industrial-grade machinery.
- Understanding of CNC machining, lathe operations, and quality assurance.
- Importance of safety measures in manufacturing environments.
- Practical insights into real-world engineering applications.

Conclusion

The industrial visit to Kiran Machine Tools was highly informative and provided students with valuable knowledge about modern manufacturing practices. It was a significant learning experience that enhanced their understanding of industrial operations and reinforced their academic concepts.



Coordinator
Dr. P. H. Zope





