

Industrial Visit Report

Visit Summary

- Event Name: Industrial Visit at Nashik Engineering Cluster(NEC),Ambad,Nashik
- Class: SE (AI & DS)
- Semester: III
- Date and Time:29/08/2025, 10:30am
- Venue: NEC, Ambad, Nashik
- Number of Students attended: 33
- Coordinator: Mrs. Radha P. Sali

1. Introduction

An Industrial Visit was organized for Second Year AI & DS students to Nashik Engineering Cluster (NEC), Nashik on 29/08/2025. The visit was arranged to bridge the gap between academic learning and industry practices, and to give students exposure to real-world applications of Artificial Intelligence (AI) in Industry 4.0 domains.

2. Objectives of the Visit

- To understand the role of AI and Data Science in manufacturing and industrial automation.
- To gain practical exposure to smart factory concepts, IoT integration, and AI-driven analytics.
- To interact with industry experts and learn about current trends, tools, and challenges in AI applications.
- To enhance students' knowledge beyond the classroom learning.

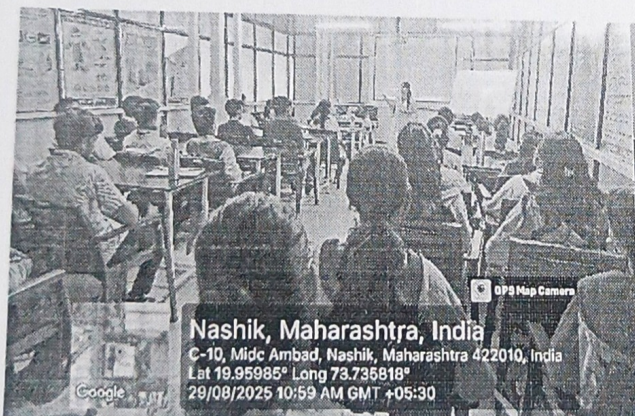
3. About NEC

Nashik Engineering Cluster (NEC) is a premier centre providing industrial solutions, R&D support, prototyping, and training facilities for various manufacturing and engineering industries. It is equipped with state-of-the-art infrastructure to foster innovation, industrial automation, and AI-enabled solutions.

4. Visit Details & Activities

- Overview of Industry 4.0 and Smart Manufacturing
- Demonstration of AI in predictive maintenance
- Use of IoT sensors and data collection in industrial processes
- Applications of Computer Vision in quality control
- Hands-on exposure to data analytics dashboards
- Interactive session with NEC experts

5. Photos





6. Outcomes of the Visit

- Students understood the practical implementation of AI in real industry environments
- Enhanced knowledge of data collection, preprocessing, and industrial analytics
- Exposure to career opportunities and skill requirements in AI-driven industries
- Better appreciation of how classroom learning maps to real-world use cases

7. Conclusion

The Industrial Visit to NEC proved highly informative and beneficial. Students gained insights into AI & Data Science applications in industries, boosting interest and motivation for advanced knowledge.

Mrs. Radha P. Sali

Event Coordinator



Dr. S. V. Gumaste

Head AI&DS