

Industrial Visit Report

Organized by Department of Artificial Intelligence and Data Science
7th February, 2025

Visit Summary

Venues Covered:

1. Sumago Infotech Pvt. Ltd., Pune
2. COEP FAB Lab, Design and Thinking Lab, Pune
3. Science Park, Pimpri Chinchwad, Pune

Day and Date of Visit:

Friday, 07/02/2025

Participants:

- 34 Students from second-year AI & DS Department
- 4 Faculty Members

1. Introduction

The primary objective of these industrial visits was to bridge the gap between theoretical classroom learning and practical real-world applications. The visits aimed to:

- Expose students to current technology trends and innovative work practices.
- Provide insight into design thinking and creative problem solving (via the COEP Design and Thinking Lab).
- Familiarize students with interactive science exhibits and research-driven innovations (at the Science Park).
- Highlight potential career opportunities and encourage industry-academia collaboration.

2. Detailed Itinerary

A. Sumago Infotech Pvt. Ltd., Pune

- **11:30 AM – Arrival & Registration:**

Students and faculty assembled at the company's reception; safety briefings and registration were completed.

- **11:40 AM – Welcome & Company Overview:**

A warm welcome was extended by company representatives. Key leaders introduced the firm's history, mission, and vision, emphasizing their role in software and IT services.

- **12:00 PM – Presentation on Technology Trends:**
An interactive session led by the Mr. Prasad Pawar (Program Manager) covered topics such as AI, digital marketing, and software development methodologies.
- **12:45 PM – Q&A Session:**
Students engaged directly with the industry experts to clarify queries about career paths and the latest technological innovations.
- **1:00 PM – Conclusion & Feedback Collection:**
A brief closing session and collection of immediate feedback.

B. COEP Design and Thinking Lab

- **02:30 PM – 4:00 PM**
- **Arrival & Orientation:**
An introduction to the lab's facilities, tools, and the design thinking process was provided by lab coordinators.
- The lab coordinator provided an overview of the FAB Lab, highlighting its role in fostering innovation through hands-on projects.
- **Tool Demonstrations:** Students observed live demonstrations of 3D printing, laser cutting, and CNC machining.
- **Q&A Session:** An interactive discussion helped clarify queries regarding design processes, material selection, and safety protocols.

C. Science Park, Pimpri Chinchwad, Pune

- **4:30 PM – Arrival & Guided Tour:**
The visit began with a guided tour of the park's interactive exhibits, permanent galleries, and the inflatable-dome planetarium.
- **4:40 PM – Interactive Science Demonstrations:**
Students observed live experiments, Planetarium shows, and demonstrations of environmental and energy exhibits.
- **5:30 PM – Discussion on Science Communication:**
An on-site discussion focused on how science is communicated to the public, and how such environments inspire innovation and research.
- **6:00 PM – Closing Remarks & Feedback:**
The tour concluded with a summary of the day's learning and collection of participant feedback.

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4. Observations

Sumago Infotech Pvt. Ltd.

- **Infrastructure & Technology:**

Modern office environment with state-of-the-art IT tools and digital collaboration platforms.

- **Engagement:**

Company representatives provided clear insights into industry challenges and future trends.

- **Interactive Q&A:**

The session allowed students to connect academic theories with real-life applications in software and IT services.

COEP Design and Thinking Lab

- The lab is equipped with state-of-the-art technology and emphasizes safety and efficiency.
- Practical demonstrations bridged the gap between classroom theory and real-world application.
- The interactive session enhanced students' understanding of how digital fabrication can drive innovative solutions.

Science Park, Pimpri Chinchwad

- **Interactive Exhibits:**

The park's exhibits provided tangible demonstrations of scientific principles in areas such as energy, climate change, and astronomy.

- **Public Engagement:**

The experience underscored the role of science communication in educating and inspiring future innovators.

- **Inspiration:**

The immersive environment motivated students to consider careers in research and applied science.

4. Learning Outcomes

- **Theoretical Integration:**

Students saw firsthand how theoretical concepts—ranging from software development and design thinking to scientific principles—are applied in industry and public education settings.

- **Skill Enhancement:**

The visits improved technical, analytical, and creative problem-solving skills.

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- **Career Awareness:**
Interactions with industry professionals provided clarity on emerging career paths and skill requirements.
- **Collaborative Learning:**
The design lab visit reinforced the value of teamwork and iterative learning in tackling complex problems.

5. Recommendations for Future Visits

- **Pre-Visit Orientation:**
Organize a detailed briefing session to familiarize students with basic concepts related to the visit.
- **Extended Q&A Sessions:**
Allow more time for interactive sessions so that students can engage deeply with experts.
- **Hands-On Components:**
Increase opportunities for practical exercises, particularly in design and prototyping activities.
- **Follow-Up Workshops:**
Consider organizing post-visit workshops to help students integrate their new knowledge into ongoing projects and academic work.



Mrs. Radha P. Sali
Event Coordinator



Mr. Nilesh S. Ahire
Industrial Visit Coordinator



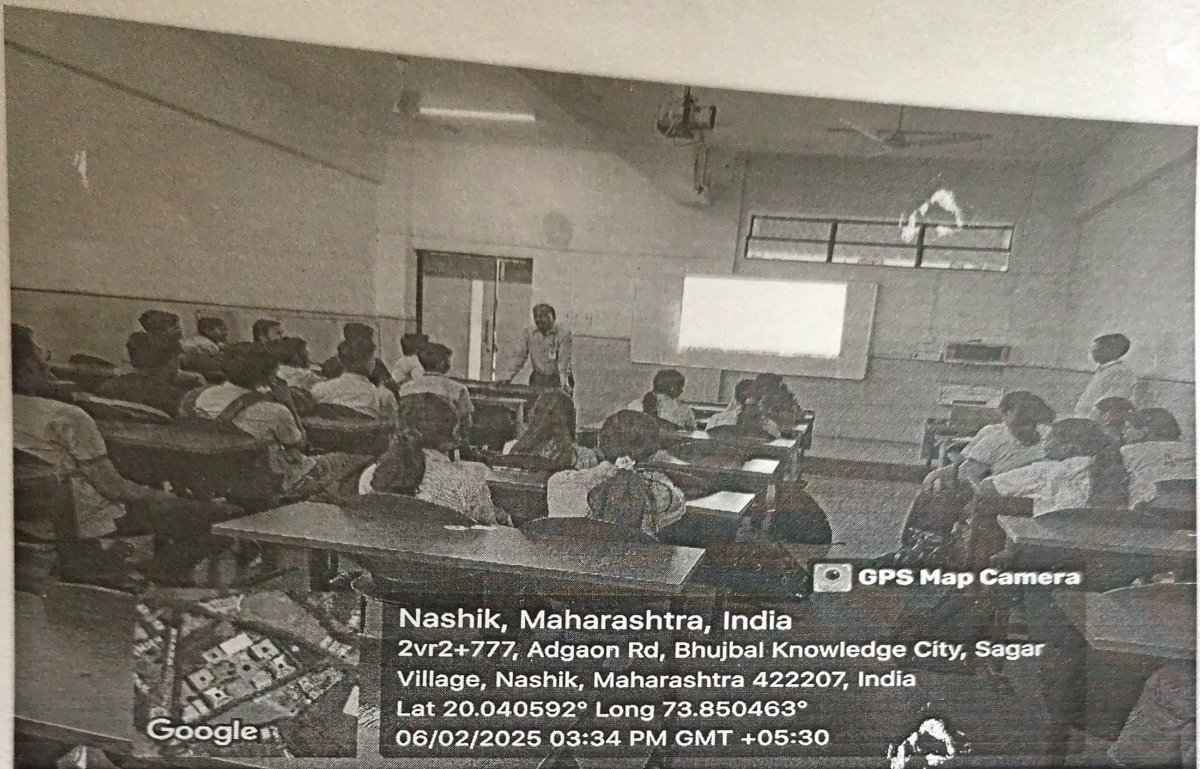
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Head AI&DS

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Geo Tag Photographs



Guidelines about Industrial Visit given by Head Dr.S.V.Gumaste



Expert Session at Sumago Infotech Pvt. Ltd. Pune by Mr. Prasad Pawar (Program Manager)

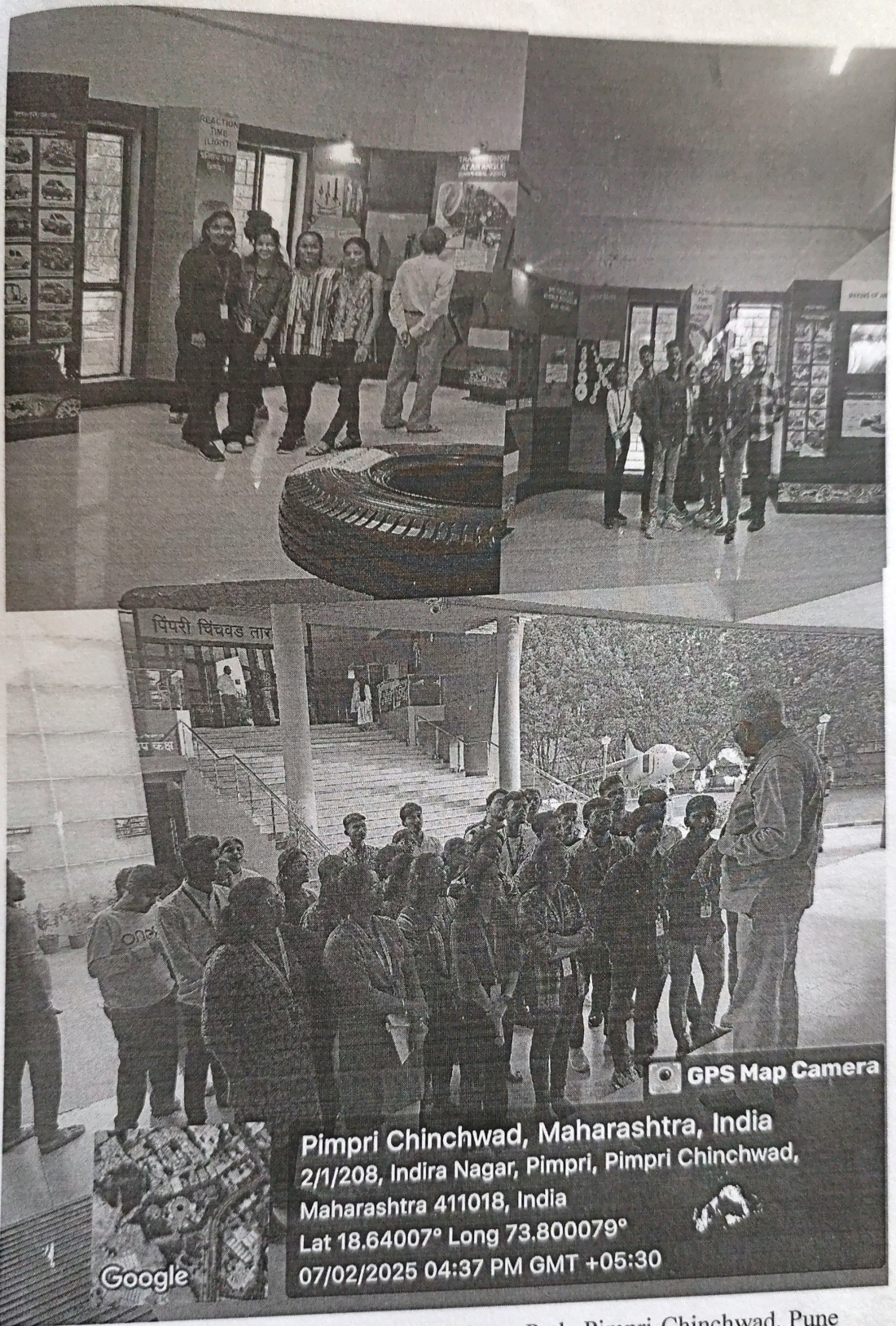
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Lab coordinator Ms. Apeksha provided an overview of the FAB Lab at COEP, Pune



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Overview Session at Science Park, Pimpri-Chinchwad, Pune

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