

# Shantilal Shah Engineering College, Bhavnagar

## Information Technology Department

### Industrial Visit Report

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**Date of Visit:** 26/04/2025

**Participants:** Master of Engineering (Semester 2) (10 Students)

**Industry Visited:** Floatbot, Bhavnagar

**Faculty Visited with Students:** Prof. B. K. Borisaniya

#### Introduction

An industrial visit was organized for the students of M.E. (IT) Semester 2 to Floatbot, Bhavnagar — a company specializing in building AI-powered chatbots, voice bots, and automation solutions. The objective of the visit was to give students exposure to real-world applications of Artificial Intelligence (AI), Natural Language Processing (NLP), Conversational AI, and software development practices. The visit also included an interactive session on current research challenges in areas like customer automation, generative AI, voice bot design, and advanced NLP techniques.

#### Objectives of the Visit

- To understand the practical applications of AI, ML, and NLP in industry.
- To explore research challenges and future directions in Voice Bot technologies and Natural Language Processing (NLP).
- To interact with industry experts and learn about skillsets required for AI and IT roles.
- To observe software development practices, agile workflows, and product lifecycle management.

#### About Floatbot

Floatbot is a platform that helps businesses create AI-powered chatbots and voice bots for customer support, sales, and service automation. It uses advanced AI models to build smart agents that work across web, mobile, WhatsApp, voice calls, and more. Floatbot mainly serves industries like insurance, banking, and healthcare, helping them improve customer experience and streamline operations.

### Activities During the Visit

- Company Presentation: The visit began with a presentation by senior Floatbot team members, covering the company's vision, product portfolio, and technological stack.
- Introduction to AI and Voice Bot Systems: Students were introduced to Floatbot's ongoing projects related to Voice Bots, conversational AI, and smart assistants.
- Discussion on Research Challenges in AI and NLP: Research problems discussed included multilingual handling, emotion detection, noisy environment challenges, and low-resource language models.
- Live Demonstrations: Students experienced live demos of AI models including chatbots and predictive analytics dashboards.

### Key Learnings

- Practical exposure to AI system design, model training, and product deployment.
- Understanding Natural Language Understanding (NLU) and Natural Language Generation (NLG) in real-world voice bots.
- Awareness about emerging research topics in the area of AI and NLP.
- Importance of continuous learning of tools like TensorFlow, PyTorch, Huggingface, AWS, and Azure.

### Feedback from Students

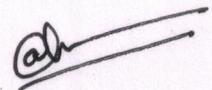
Students found the visit highly insightful, particularly the discussions on real-world research challenges in AI and NLP. The interaction with industry professionals inspired many to consider pursuing research in AI domains.

### Conclusion

The industrial visit to Floatbot was extremely beneficial for the ME (IT) Semester 2 students, combining technical exposure, research insights, and career guidance. Such experiences bridge the gap between academia and industry and motivate students toward innovative thinking.

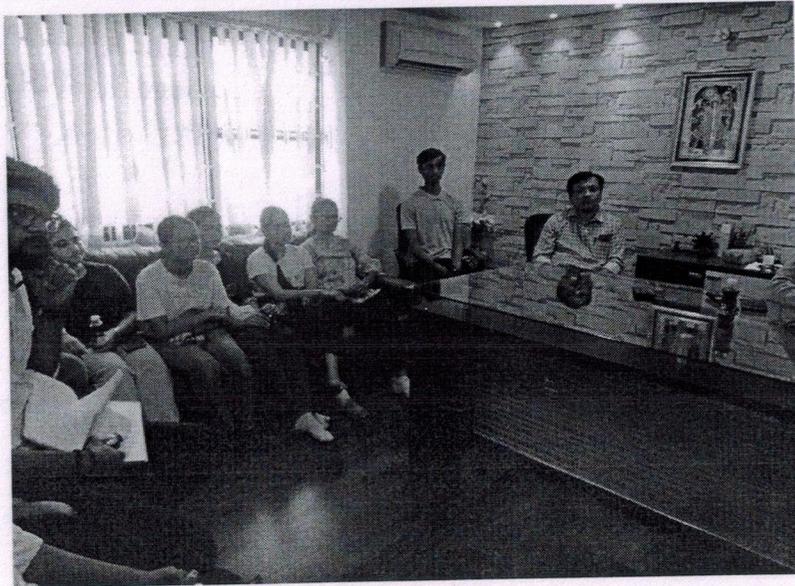
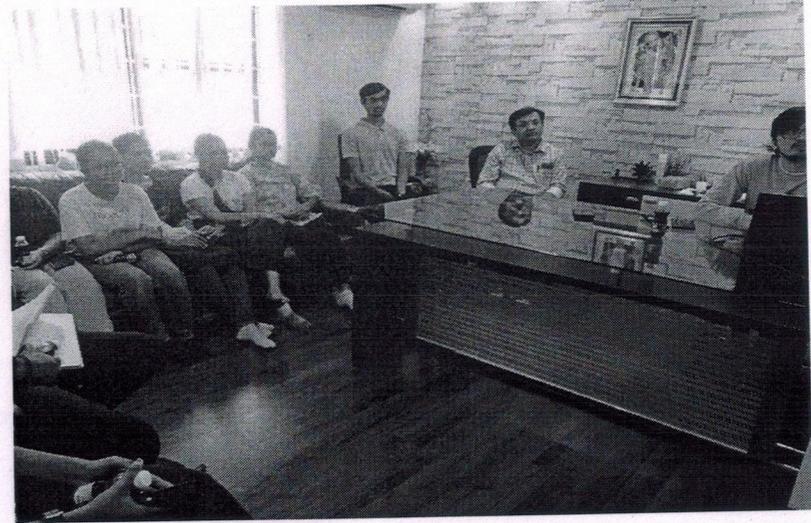
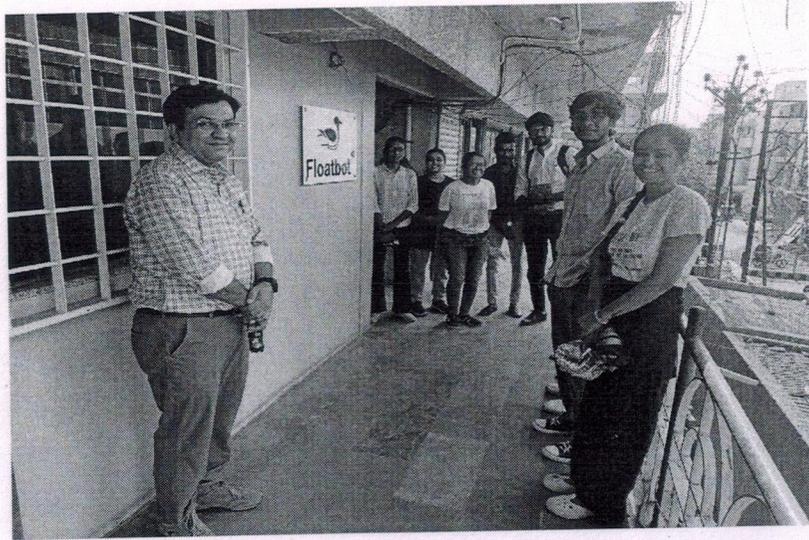
### Faculty Coordinator

Prof. Bhavesh Borisaniya



Head of the Department (IT)

**H. O. D. (I. T. Dept.)**  
**S. S. Engineering College**  
**Bhavnagar.**



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Information Technology Department

**ME Sem 2 List of Students for Industrial Visit at Floatbot, Bhavnagar**

Date: 26/04/2025

| Sr. No. | Enrollment No. | Name                             | Signature          |
|---------|----------------|----------------------------------|--------------------|
| 1       | 240430723003   | BHATT PRIYANKABEN SURESHBHAJ     | <i>P.s. Bhatt</i>  |
| 2       | 240430723004   | CHAVDA BHUMIBEN GOPALBHAJ        | <i>Bhumida</i>     |
| 3       | 240430723006   | CHAUHAN BHAGYASHREE GANPATBHAJ   | <i>Bhagyashree</i> |
| 4       | 240430723007   | CHAUHAN JEEGAR AJAYKUMAR         | <i>Jeegar</i>      |
| 5       | 240430723008   | DAVE PRACHI MUKESHBHAJ           | <i>Prachi</i>      |
| 6       | 240430723010   | PATEL GARGI DHARMESHBHAJ         | <i>Gargi</i>       |
| 7       | 240430723011   | GOHIL ASHISHKUMAR PARSHOTTAMBHAJ | <i>Ashish</i>      |
| 8       | 240430723013   | MAYUR VISHWAS PATIL              | <i>M.v. Patil</i>  |
| 9       | 240430723014   | PATEL MEETKUMAR HARSHADBHAJ      | <i>Meet Patel</i>  |
| 10      | 240430723015   | PATTANI ISHANI ANANDKUMAR        | <i>P.I.A</i>       |

Coordinator: Prof. Bhavesh Borisaniya

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