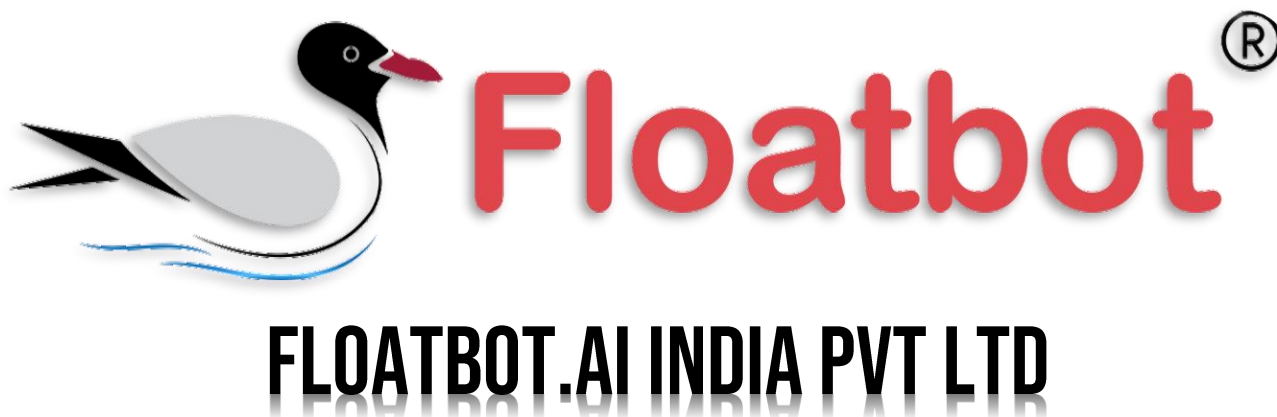


**Gyanmanjari Innovative University,
Bhavnagar**

Department of Information Technology

Report on

FIELD VISIT TO



Date: 14/10/2025

Time: 10:00 AM – 01:00 PM

Venue: FloatBoat, Bhavnagar

No. of Student	11
Department	Information Technology
Program	Diploma 5 th Class – D(Genius)
Prepared By	Prof. Japan M. Mavani
Faculty Co-Ordinator	Prof. Sahil M. Vasaya

Exploring the Field Environment

The visit began with an introduction by the Floatbot team, who welcomed the **Diploma 5th Semester, Class D (Genius)** students and shared the company's journey from a startup to an AI-driven innovation hub. **Floatbot.AI India Pvt. Ltd.** is renowned for developing intelligent chatbots, virtual assistants, and automation platforms for a wide range of industries, including banking, healthcare, and education.



Students were fascinated to learn how Floatbot's technology uses **Natural Language Processing (NLP)** and **Machine Learning** to create AI systems capable of understanding and responding to human language. This demonstrated how conversational AI can transform traditional communication into intelligent, automated interaction.

The experts explained the core architecture behind AI systems — from training models with data to refining algorithms for accuracy and performance. This detailed explanation helped students connect theoretical concepts with their real-world use, giving them a better grasp of how AI impacts the modern digital landscape.

Learning Through Observation and Interaction

Students were given a guided tour of Floatbot's development environment, where they witnessed the process of creating, testing, and deploying AI chatbots. The **technical team** showcased live examples of chatbots used by various organizations and explained how each solution is customized based on the client's needs.

The students observed how developers utilize programming languages like **Python** and frameworks like **TensorFlow** and **Dialogflow** to build intelligent conversational systems. They also learned about **API integrations**, which allow chatbots to connect with databases and external services, making them smarter and more responsive.

A special session was conducted by the **UI/UX design team**, who demonstrated how user experience design influences chatbot interaction. Students realized that effective AI development is not only about strong coding skills but also about understanding user behavior, interface flow, and communication tone. This blend of creativity and technology was one of the key takeaways from the visit.

Key Insights and Learnings

The field visit to **Floatbot.AI** provided valuable insights into the **practical side of Artificial Intelligence**. Students gained firsthand understanding of how AI solutions are structured — from gathering user requirements and preparing datasets to training models and testing system performance.

The experts emphasized the importance of **data security, ethical AI practices, and model optimization**. They highlighted how AI must be transparent, reliable, and used responsibly to create meaningful and trustworthy applications. Students also learned that successful AI professionals must possess both technical knowledge and a problem-solving mindset.

In addition to technical insights, students learned about career opportunities in AI, automation, and software development. The team encouraged them to work on mini-projects, participate in innovation challenges, and explore tools like **Google Colab**, **Kaggle**, and **GitHub** to sharpen their practical skills. This advice deeply motivated the **Diploma 5th Semester (Genius)** students to expand their learning beyond the classroom.

Reflections and Future Vision

For the **Diploma 5th Semester – Class D (Genius)** students of the **Department of Information Technology**, the visit to **Floatbot.AI India Pvt. Ltd.** was both inspiring and transformative. It provided them with a clear vision of how Artificial Intelligence is revolutionizing industries and creating new possibilities for innovation.

Students reflected on how the visit bridged their academic understanding with industrial implementation. They realized that every successful digital solution begins with curiosity, continuous learning, and teamwork. The exposure to AI-driven environments motivated them to enhance their coding, analytical, and creative thinking skills.

The **Department of Information Technology** successfully achieved its goal of offering meaningful industry exposure through this field visit. The students returned with renewed enthusiasm to explore Artificial Intelligence and Automation more deeply. It strengthened their confidence and inspired them to become future-ready professionals equipped to contribute to India's growing AI ecosystem.

In conclusion, the **Field Visit to Floatbot.AI India Pvt. Ltd.** was not merely an educational trip — it was an experience that blended innovation, knowledge, and aspiration. It reminded students that technology's true power lies in solving real-world problems with intelligence, responsibility, and imagination.



