MVJ COLLEGE OF ENGINEERING
Since 1982
Engineering A Better Tomorrow

An Autonomous Institute
Approved by AICTE, New Delhi
Affiliated to VTU, Belagavi
Recognized by UGC under 2(f) & 12(B)
Accredited by NBA & NAAC

Industrial Visit Report: Microsoft Corporation (India) Pvt. Ltd.

The department of **Department of Computer Science and Engineering (Data Science) and Computer Science and Design** conducted an **Industrial Visit** to **Microsoft Corporation (India) Pvt. Ltd., Prestige Business Park, Bengaluru** on **18th October 2025**. The visit included a total of 78 students, comprising 30 from the 5th-semester Data Science, 25 from the 7th-semester Data Science, and 23 from the 7th-semester Computer Science & Design, accompanied by **Ms. Sivasakthi B., HOD, Department of Computer Science and Engineering(Data Science) and Computer Science & Design** and **Mr. Kushal A., Assistant Professor, Data Science**. The visit aimed at providing students with practical exposure to AI technologies and cybersecurity practices.

Objectives of the Event

The primary objectives of the industrial visit were:

- To provide students with practical exposure to Agentic AI, MGX AI, and Cybersecurity.
- To bridge the gap between classroom learning and industry applications.
- To inspire students towards careers in Artificial Intelligence, Data Science, and Cybersecurity.

Event Overview

The students travelled from MVJ College of Engineering to Microsoft using two buses, departing at 8:30 AM and reaching the venue at 9:30 AM. Upon arrival, registration took place at the Microsoft office from 9:30 AM to 10:00 AM. The sessions commenced at 10:00 AM and concluded at 2:30 PM. A total of three sessions were conducted by three speakers.

Session	Session Details	Speaker
Session 1	Agentic AI	Pruthvi S
Session 2	Using MGX AI	Vasu
Session 3	Cybersecurity	Monika

Table 1: Details of Industrial Visit Sessions

Session Details

Session 1: Agentic AI

Students were introduced to Agentic AI, a branch of artificial intelligence where systems can autonomously perceive their environment, plan actions, and achieve goals with minimal human intervention. Key concepts covered included autonomous agents, decision-making under uncertainty, reinforcement learning, and applications in industry such as intelligent assistants and robotic automation. Students actively engaged in discussions about real-world AI implementations.

Speaker: Pruthvi S ,Co-Founder AINext Gen Community & Generative AI Engineer at Accenture

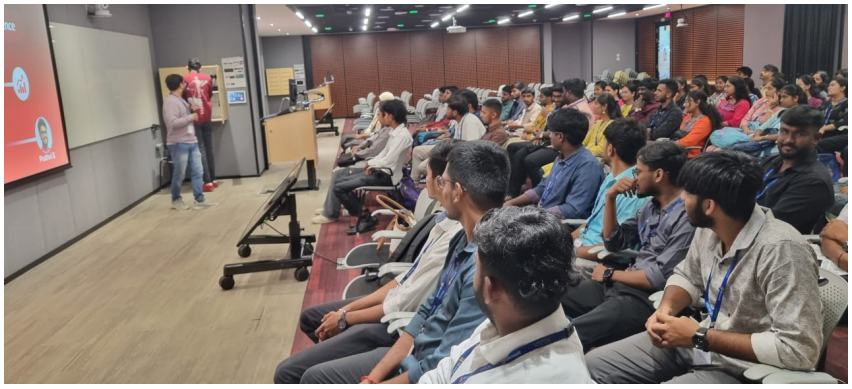

Figure 1: Session on Agentic AI

Session 2: Using MGX AI

This session focused on MGX AI, a Microsoft platform for building, training, and deploying AI models. Students learned about data preprocessing, model training

pipelines, evaluation metrics, and cloud-based deployment strategies. The speaker demonstrated how AI models could be integrated into enterprise applications, providing students with hands-on insights into scalable AI systems. During the session, one student developed a fashion recommendation application using the MGX platform, showcasing the practical application of AI in real-world scenarios.

Speaker: Vasu, Microsoft Certified Trainer(MCT)

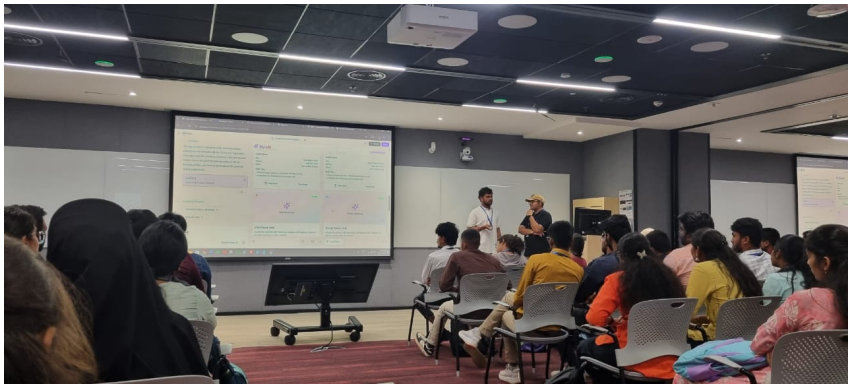

Figure 2: Session on MGX AI

Session 3: Cybersecurity

The final session addressed cybersecurity practices in modern IT systems. Students learned about threat detection, risk management, secure software development, and Microsoft's approach to protecting data and cloud services. Case studies were presented on common vulnerabilities and methods to mitigate cyberattacks. During the session, the speaker made the discussion interactive by randomly selecting students and checking whether their email accounts had been compromised using the website Have I Been Pwned . This engaging activity emphasised the importance of personal cybersecurity awareness. The session concluded with a discussion on ethical aspects and the necessity of maintaining strong security practices in professional environments.

Speaker: Monika, Microsoft Certified Trainer(MCT)

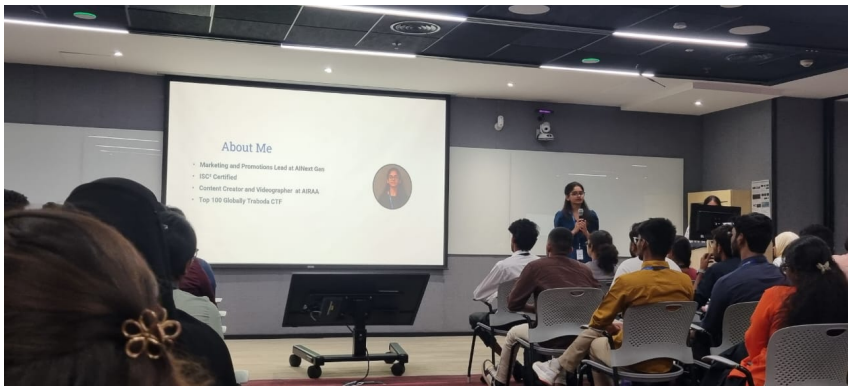

Figure 3: Session on Cybersecurity

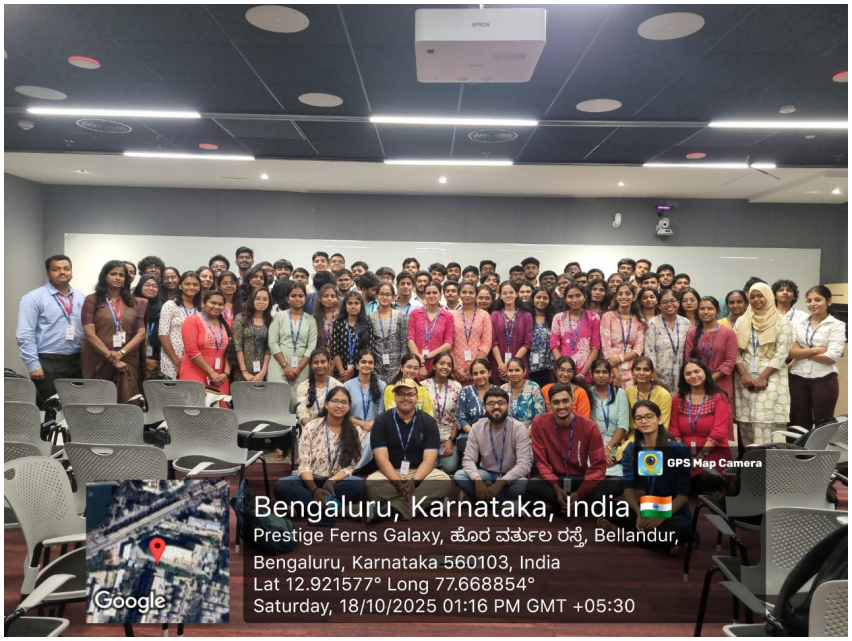

Figure 4: Group Photo after Session

Outcomes and Impact

- Students gained in-depth knowledge of autonomous AI agents, MGX AI model deployment, and cybersecurity principles.
- The visit bridged academic theory with real-world industry applications.
- Group discussions, demonstrations, and interactive sessions motivated students to explore careers in AI, Data Science, and Cybersecurity.

Conclusions

The industrial visit to Microsoft Corporation (India) Pvt. Ltd. provided an excellent platform for students to gain hands-on experience with cutting-edge AI technologies and cybersecurity practices. Through interactive sessions on Agentic AI, MGX AI, and cybersecurity, students were able to bridge the gap between theoretical concepts learned in the classroom and their real-world applications in industry.

The visit fostered collaborative learning, as students engaged in discussions, asked questions, and analysed practical demonstrations. Exposure to Microsoft's work environment and professional workflows inspired students to consider career paths in AI, Data Science, and cybersecurity.

Overall, the visit successfully met its objectives by enhancing technical understanding, encouraging critical thinking, and motivating students to pursue innovative projects and research in emerging technologies.

Report by: Mr. Kushal A.

Affiliation: Assistant Professor in the Department of Data Science,

MVJ College of Engineering