NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
Accredited by NAAC with 'A' Grade & Accredited by NBA

Department of Artificial Intelligence & Machine Learning

Industrial Visit to Schneider Electric India Pvt Ltd, Bengaluru.

Date: 23rd October 2026
Time: 09:00 am - 3:30 pm
Number of students – 37

Introduction

The students of the Department of Artificial Intelligence and Machine Learning (AIML), 37 students from V Semester, undertook an industrial visit to **Schneider Electric India Pvt. Ltd** on 23rd October 2026. The visit aimed to provide students with practical exposure to industrial automation technologies, research and development activities, and the integration of Artificial Intelligence (AI) in industrial applications.

Technical Exposure and Learning Outcomes

During the visit, students explored various laboratories in the Research and Development (R&D) division of the Industrial Automation sector. They gained insights into how industrial automation systems integrate controllers, sensors, I/O modules, motor drives, Human-Machine Interfaces (HMIs), and communication networks. The technical demonstrations helped students understand the role of Programmable Logic Controllers (PLCs) in executing control logic, Variable Frequency Drives (VFDs) in regulating motor speed, and industrial networks in enabling communication between devices. Students were also introduced to the importance of testing and validation in ensuring product quality, along with the roles of Supervisory Control and Data Acquisition (SCADA) systems and Distributed Control Systems (DCS) in monitoring and supervising industrial processes.

Interaction with R&D Leadership

Following lunch hosted by the company, students participated in an interactive discussion with **Mr. Veerendra Vasamsetty, Director – R&D**. The open conversation focused on the expectations of the industrial automation sector from AI professionals, essential technical and professional skills required by students, and potential internship opportunities. This interaction provided valuable insights into industry expectations, emerging technological trends, and the importance of developing practical, interdisciplinary skills to address real-world industrial challenges.

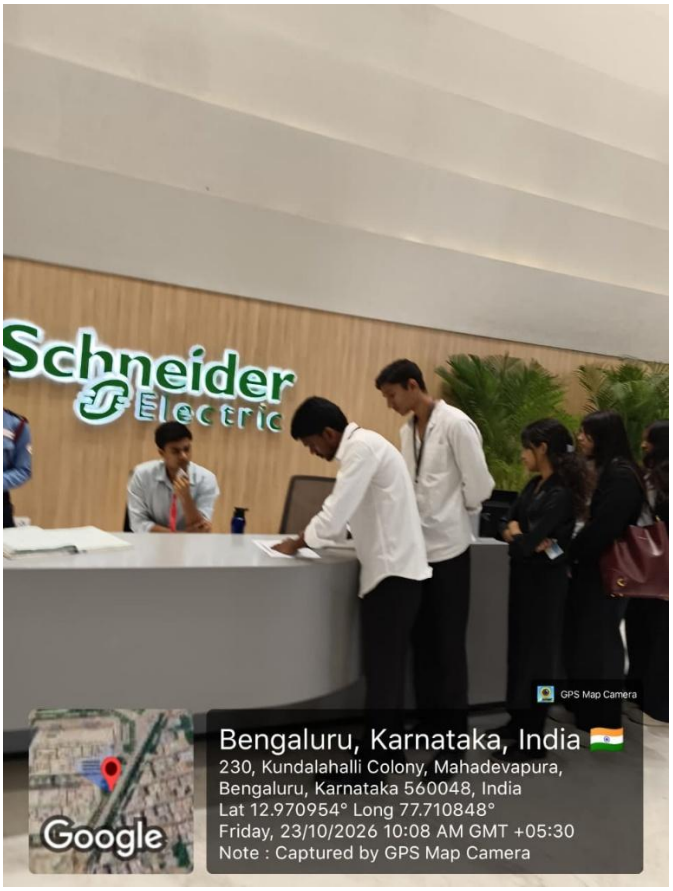
4. Impact Analysis and Conclusion

The visit enhanced students' understanding of industrial automation systems and their practical applications in research and development. It helped bridge the gap between classroom learning and industrial practices while creating awareness of career opportunities at the intersection of AI, automation, and intelligent systems. The interaction with the R&D leadership further motivated students to strengthen their technical competencies and prepare for industry requirements. The visit concluded with the presentation of a token of gratitude to the organizers in appreciation of their support and for facilitating this valuable learning experience.

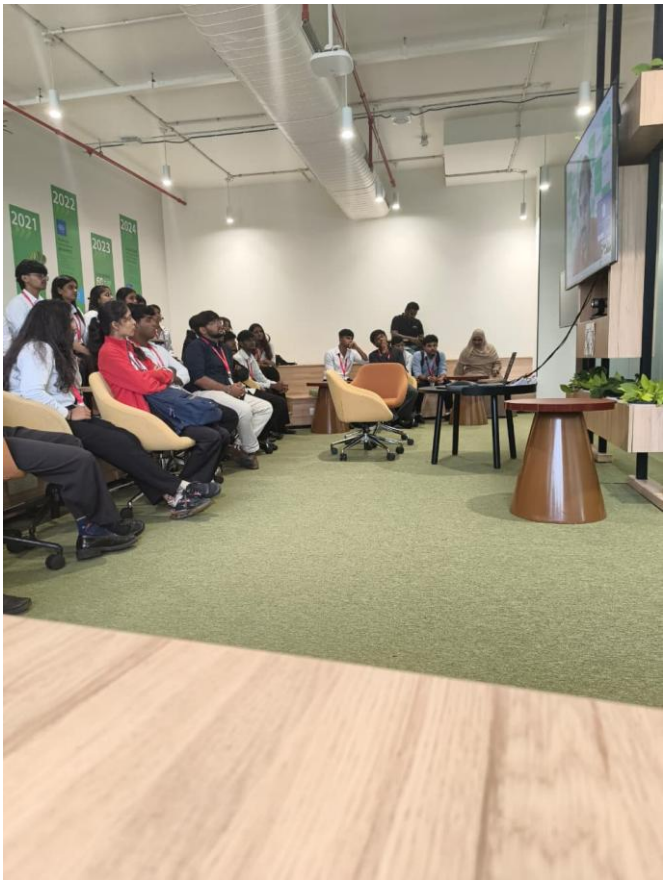
Photos






Schneider Electric
GPS Map Camera
Google
Bengaluru, Karnataka, India
230, Kundalahalli Colony, Mahadevapura,
Bengaluru, Karnataka 560048, India
Lat 12.970954° Long 77.710848°
Friday, 23/10/2026 10:08 AM GMT +05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Google
Bengaluru, Karnataka, India
Xpc6+935, Kundalahalli Colony, Brookefield, Bengaluru,
Karnataka 560048, India
Lat 12.971067° Long 77.710373°
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Note : Captured by GPS Map Camera





Industrial Visit Coordinator HOD-AIML