

Industrial Visit Report

Maharaja Surajmal Institute of Technology

Department of ECE

at 32nd Convergence India Expo & 10th Smart Cities Expo.

Date: March 21, 2025

Location: Pragati Maidan, New Delhi

Event: 32nd Convergence India Expo & 10th Smart Cities Expo

Organizers: India Trade Promotion Organization (ITPO) & Exhibitions India Group (EIG).

Participants: 25 Students from Maharaja Surajmal Institute of Technology (MSIT) accompanied by Dr. Aman Dahiya [Associate Professor, ECE].

Introduction:

This report details the industrial visit of 25 students from ECE department, 3rd year students of Maharaja Surajmal Institute of Technology (MSIT) to the 32nd Convergence India Expo & 10th Smart Cities Expo held at Pragati Maidan, New Delhi, on March 21, 2025. The visit was organized to provide students with firsthand exposure to cutting-edge technologies and industry trends in IT, telecom, smart cities, and related sectors.



Objectives:

- To provide students with practical exposure to emerging technologies and their applications.
- To facilitate interaction between students, industry professionals, and global leaders.
- To showcase student talent and encourage innovation.
- To provide networking opportunities for potential placements and internships.
- To enable students to gain insights into the latest advancements in AI, IoT, smart city solutions, and digital transformation.

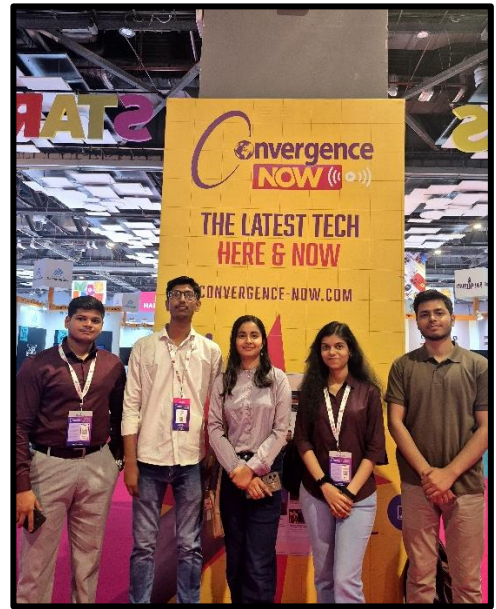
Visit Details:

- The students, accompanied by faculty members, arrived at Pragati Maidan at 10:00 AM.
- The group registered at the designated counter and received visitor badges and event materials.
- Students were briefed on the event layout and key exhibition areas.

- The visit was structured to allow students to explore various pavilions and engage with exhibitors based on their specific areas of interest.

Students explored the following key exhibition areas:

- **IT and Telecom:** Showcasing advancements in 5G, 6G, cloud computing, cybersecurity, and digital infrastructure.
- **Smart Cities:** Demonstrating innovative solutions for urban development, including smart transportation, waste management, energy efficiency, and citizen services.
- **AI and IOT:** Featuring applications of artificial intelligence and the Internet of Things in various industries.
- **Digital Gaming and AR/VR:** Displaying the latest trends in immersive technologies and digital entertainment.
- **Fintech:** Showcasing the newest digital financial technologies.
- Students interacted with industry professionals, attended demonstrations, and collected brochures and information materials.
- Students interacted with industry professionals, attended demonstrations, and collected brochures and information materials.
- Several students engaged in discussions with exhibitors regarding potential internships and project collaborations.
- Students attended some of the speaker sessions, and were able to see the high level of industry professionals that were in attendance.
- Students were able to network with recruiters, and gain a understanding of the current industry demands.
- The visit concluded at 03:00 PM.



Observations and Learning Outcomes:

- Students gained a comprehensive understanding of the latest technological advancements in various sectors.
- The expo provided a valuable platform for students to witness real-world applications of their academic knowledge.

- Students developed a better understanding of the industry landscape and potential career opportunities.
- The students were impressed with the breadth and depth of the technologies on display.
- Students found the Smart Cities portion of the expo to be very interesting, as it showed how technology is being used to improve the lives of citizens.



Benefits to Students:

- Enhanced practical knowledge and industry exposure.
- Improved networking skills and professional connections.
- Increased awareness of emerging technologies and career opportunities.
- Inspiration to pursue innovative projects and research.

Conclusion:

The industrial visit to the 32nd Convergence India Expo & 10th Smart Cities Expo was a highly beneficial experience for the students of Maharaja Surajmal Institute of Technology. The event provided a unique opportunity to witness cutting-edge technologies, interact with industry leaders, and gain valuable insights into the rapidly evolving technology landscape.



Recommendations:

- Future visits should include pre-visit briefings and post-visit discussions to maximize learning outcomes.
- Students should be encouraged to prepare specific questions and engage actively with exhibitors.
- The institute should explore opportunities for long-term collaborations with industry partners identified during the visit.
- Continue to send students to these types of events.
- Prepare students with a list of companies that will be attending, so they can prepare questions.

Faculty In-Charge:

Dr. Aman Dahiya

Associate Professor, ECE