Maharaja Surajmal Institute of Technology, New Delhi-110058

Department of Information Technology

Industrial Visit Report

Industry Name and Address	UniCoverage Technologies Pvt. Ltd., Noida
Name of the Expert	Er. Kaushlendra Singh Sisodia, IIT Alumnus and Director (UCT)
Date and Time	23-10-2023, 9:00 AM - 3:00 PM
Target Audience	IT Department, 5th Semester
Organized by	Dr. Jyoti Khurana, Mr. Akshay Singh
Attended Participants	40/50 (80%)

An industrial visit was organized as a part of the academic curriculum of students of 5th Semester, IT Department on **23rd October 2023** under the guidance of **Dr. Jyoti Khurana** and **Mr. Akshay Singh**, Assistant Professors, IT Department, MSIT.

40 students of **5th Semester** went to '**UniCoverage Technologies Pvt. Ltd., Noida**' along with 2 faculty members in a bus. The industry focused on exploring the field of Internet of Things (IoT) and understanding the work culture of the industry. IoT has gained significant relevance in recent years as it has become a transformative technology in various sectors.

During the visit, students seemed to be very excited and had an opportunity to engage in a comprehensive program, which included the following activities:

1. Welcome and Company Presentation:

Students were warmly welcomed by Mr. Jitesh Mathur and other members of the company's management team. A detailed presentation on the company's history, vision, mission and achievements was given, highlighting their contributions to the IoT industry.

2. Industry Tour:

The most insightful part of the visit was the industry tour where students witnessed the manufacturing and assembly processes for IoT devices. They gained an understanding of the quality control measures to be taken. It was fascinating to see the real-world applications of IoT technology in action like:

- Energy Monitoring Solution
- Air Quality Monitoring Solution
- Smart Street Light Solution
- Smart Healthcare Solution
- Water Metering Solution
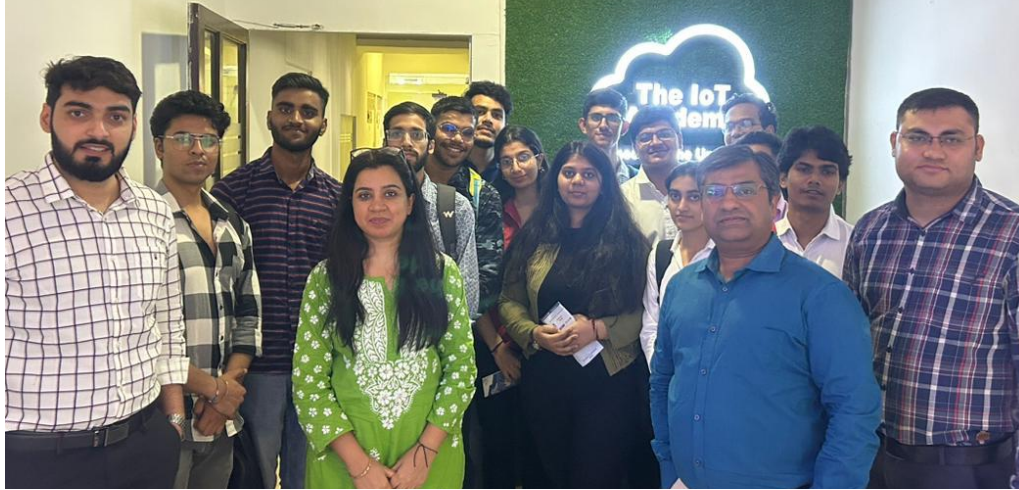- Image Recognition Solution

3. Interaction with Experts:

We had the privilege of engaging in interactive sessions with the Director of the industry, Er. Kaushlendra Singh Sisodia. He is IIT Kanpur Alumni and has 22+ years of industry experience. The students also met experts and engineers from various departments. This allowed the students to gain valuable insights into the challenges and innovations in the IoT field.

4. Q&A Session:

A question-and-answer session followed the presentations, where students could clarify their doubts and seek further information on topics of their interest. The industry experts told about their internship and placement opportunities for the students.

The industrial visit was a valuable and enriching experience. It provided an opportunity to connect theoretical knowledge with practical applications and to witness the cutting-edge technology in the field of IoT.

On behalf of entire IT Department, Dr. Jyoti and Mr. Akshay thanked **Er. Kaushlendra Singh Sisodia, Mr. Jitesh Mathur** and their entire team for their warm hospitality and for sharing their knowledge and experiences with the students. This visit was a significant learning experience, and it wouldn't have been possible without their support and cooperation.

Based on the visit, **Prof. Prabhjot Kaur**, HoD, IT Department, MSIT was recommended to consider fostering a more profound collaboration with 'UniCoverage Technologies Pvt. Ltd., Noida' for research, internships, or placement opportunities. Their expertise and resources in the field of IoT could greatly benefit the students.