



Mahatma Gandhi Mission's COLLEGE OF ENGINEERING

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Training and Placement Cell

A Report on Industrial Visits ISRO and Intel, Bangalore in March-23

Introduction:

Industrial visits are an essential part of the academic curriculum in most of the Graduate and Post-graduate courses. Being a part of interactive learning, such educational visits give students a major exposure to real working environments along with a practical perspective of a theoretical concept relevant to their domain. In addition to that, industrial visits bridge the widening gap between theoretical learning and practical exposure by giving students the first-hand exposure to identify the inputs and outputs for different business operations and processes performed at the workplace. One such Industrial visit Indian Space Research Organization and Intel Corporation, Bangalore was organized by the Training and Placement Cell, MGM College of Engineering, Nanded in March 2023.

Objective:

The primary objective of the industrial tour was to provide students with insights into the space technology and semiconductor Technology, observe real-world applications of theoretical knowledge, and understand the operational processes of a leading technology company.

- Opportunity to interact with Industry Experts
- Networking opportunities while building a good relationship with companies
- Experience how professionals live, learn about various management concepts like Just in Time and how they are put into action
- Endless chats, selfie sessions, bus games, friendly conversations with faculty members

Overview:

Name of Organization: Indian Space Research Organization and Intel Corporation, Bangalore

Date of Visit: 31st March 2023

No of Faculty: 9

No. of Students: 94

Place: Bangalore, Karnataka

Itinerary:

- **9:00 AM:** Arrival at ISRO, Bengaluru
- **9:15 AM:** Welcome and Introduction
- **9:30 AM:** Presentation on ISRO's missions and achievements
- **10:30 AM:** Tour of the facility
- **12:00 PM:** Departure for Intel
- **12:30 PM:** Lunch at Intel cafeteria
- **1:30 PM:** Overview of Intel's operations and technology
- **2:30 PM:** Guided tour of the facility

- **3:30 PM:** Interactive session with Intel professionals
- **4:30 PM:** Q&A session
- **5:30 PM:** Departure from Intel

Activities and Observations

Visit to ISRO

Welcome and Introduction:

The visit began with a warm welcome from the ISRO team, who provided insights into the organization's vision and its role in advancing space technology.

Presentation:

A comprehensive presentation covered:

- Major projects, including satellite launches and interplanetary missions.
- Contributions to global space research.
- The importance of space technology in everyday life.

Facility Tour:

Students were taken on a guided tour of key areas, including:

- Satellite assembly and integration facilities.
- Control centers for satellite launches.
- Laboratories focused on research and development.

Visit to Intel

Lunch:

Students enjoyed a meal at the Intel cafeteria, providing an opportunity for informal discussions among peers.

Overview:

After lunch, Intel representatives introduced the company, focusing on:

- Innovations in semiconductor technology.
- The role of Intel in powering modern computing devices.

Guided Tour:

The tour of the Intel facility showcased:

- Advanced manufacturing processes and clean room environments.
- Research labs where new technologies are developed.

Interactive Session:

Students engaged with Intel professionals, discussing:

- Career opportunities within the semiconductor industry.
- The significance of engineering and technology skills.

Q&A Session:

A robust Q&A session allowed students to inquire about:

- Current trends in technology and engineering careers.
- Internships and entry-level positions available at Intel.

Glimpses of Industrial Visits:



Visit to Intel Inc, Bengaluru (30th March 2023)



Visit to ISRO, Bengalore (30th March 2023)



Visit to Sir Visvesaraya Technological Musium, Bengalore (30th March 2023)

Feedback

Students found both visits incredibly inspiring and educational. They appreciated the opportunity to learn about groundbreaking projects at ISRO and the high-tech environment at Intel. Many expressed interest in pursuing careers in aerospace and technology after witnessing the innovations firsthand.

Conclusion

The industrial tour to ISRO and Intel was a remarkable experience that expanded students' understanding of the fields of space research and semiconductor technology. It successfully bridged the gap between theoretical learning and practical application, motivating students to explore future career opportunities in these areas.

Acknowledgments

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