

NOKIA NETWORKS INDUSTRIAL VISIT REPORT

Organization: Nokia Networks

Location: Manyata Tech Park, Bangalore

Date Of Visit: 24th April 2026

1. Introduction

An industrial visit to Nokia at Manyata Tech Park, Bangalore, was organized on 24th April 2026 for the students to gain practical exposure to the latest advancements in telecommunications. A total of 26 students accompanied by Dr. Suma M N, Professor and Priyadarshini Jainapur, Assistant Professor from the Department of ECE and Dr. S Kumuda, Assistant Professor from the Department of Electronics and Instrumentation were the faculty coordinators participated in the visit.

2. Objectives of the Visit

- To understand the evolution of mobile communication technologies.
- To gain insights into real-world telecom infrastructure and architecture.
- To bridge the gap between academic learning and industry practices.
- To expose students to emerging technologies like 5G and 6G.

3. Overview of the Visit

The session was conducted by experienced professionals from Nokia, who provided a comprehensive overview of mobile communication technologies ranging from 1G to 6G. The session was highly interactive and informative, covering both theoretical concepts and practical applications.

4. Technical Session Highlights

Evolution of Communication Technologies:

- 1G: Analog communication systems.
- 2G: Digital communication and GSM technology.
- 3G: Data services and multimedia support.
- 4G: High-speed internet and LTE architecture.
- 5G: Ultra-low latency, IoT integration.
- 6G: AI-driven communication and future technologies.

A hands-on session was conducted where students were exposed to real-time telecom setups. The session was highly impressive and engaging. One of the key highlights of the visit was the **live demonstration and hands-on session**. Students were given exposure to real-time telecom setups and tools. The practical session helped them better understand:

- Network functioning
- Signal transmission
- Real-time data handling

The demonstration was highly impressive and engaging, providing valuable industry insights.

5. Outcomes

- Enhanced understanding of telecom technologies from 1G to 6G.
- Exposure to real-world telecom infrastructure.
- Improved practical knowledge through demonstrations.

6. Conclusion

The industrial visit to Nokia was a highly informative and enriching experience for the students. The combination of theoretical explanation and practical demonstration made the session impactful

7. Acknowledgement

We sincerely thank the team at Nokia for organizing and delivering such an insightful session. We also express our gratitude to the BMSCE management for facilitating this industrial visit.



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NOKIA NETWORKS
INDUSTRIAL VISIT ON 23.04.2026

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