

INDUSTRY VISIT REPORT

Department of Electronics & Communication Engineering

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech)

Reliance Jio Infocomm Limited

Date of Visit: 30th September 2026 and 1st October 2026

Places Visited:

1. **Day 1:** Electronic Complex, Salt Lake – Technical Session
2. **Day 2:** Jio Site, Chakpachuria, Rajarhat – Site Visit

Trainer: Mr. Abhijit Ghosh, Mr. Sourish Banerjee, Technical Training Leads of Reliance Jio West Bengal and Kolkata circle

1. Introduction

The Department of Electronics & Communication Engineering (ECE), Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, organized a two-day **Industry Visit to Reliance Jio Infocomm Limited** on **30th September and 1st October 2026**. The visit was planned to provide students with practical exposure to modern telecommunication infrastructure, networking technologies, communication systems, and the functioning of a large-scale telecommunications organization.

The industrial visit provided an opportunity for students to bridge the gap between theoretical concepts taught in the classroom and their practical implementation in the telecommunications industry.

2. Objectives of the Visit

The major objectives of the industry visit were:

- To provide students with practical exposure to the **telecommunication industry**.
- To understand the working principles and applications of modern **communication and networking systems**.
- To familiarize students with industry practices, infrastructure and operational procedures.
- To understand the role of **Electronics and Communication Engineering** in modern telecom networks.
- To expose students to real-world applications of concepts related to communication engineering, networking and electronic systems.
- To develop awareness regarding emerging technologies and career opportunities in the telecommunications sector.
- To encourage students to relate their academic knowledge with industrial applications.

3. Day 1 – Technical Session

Date: 30th September 2026

Venue: Electronic Complex, Salt Lake

On the first day of the visit, the students attended a **technical session at the Reliance Jio office located at Electronic Complex, Salt Lake**.

The session provided students with an overview of the telecommunications industry and the technological ecosystem supporting modern digital communication services. The interaction helped students understand

how theoretical concepts in Electronics and Communication Engineering are implemented in large-scale industrial systems.

The technical interaction also enabled students to gain insights into professional practices, technological developments and the operational requirements of the telecom sector.

Students actively participated in the session and interacted with the industry professionals. The interaction provided valuable exposure to the practical challenges faced by engineers and the skills expected from engineering graduates entering the industry.

4. Day 2 – Industrial Site Visit

Date: 1st October 2026

Venue: Reliance Jio Site, Chakpachuria, Rajarhat

On the second day, the students visited the **Reliance Jio site at Chakpachuria, Rajarhat.**

The site visit enabled students to observe telecom infrastructure and gain a practical understanding of the systems and facilities used for providing communication services.

The students were introduced to the practical aspects of telecom-site operations and infrastructure. The visit helped them understand how different engineering systems work together to ensure reliable and continuous communication services.

The students also got an opportunity to observe industrial safety practices, infrastructure management and the importance of systematic monitoring and maintenance in telecom operations.

5. Learning Outcomes

After completion of the two-day industry visit, the students were able to:

1. Understand the practical working environment of a major telecommunications organization.
2. Relate classroom concepts of communication engineering with their industrial applications.
3. Gain exposure to modern telecom and networking infrastructure.
4. Understand the importance of reliability, maintenance and monitoring in communication networks.
5. Develop awareness of industry requirements and professional engineering practices.
6. Improve their understanding of career opportunities in the telecommunications and networking sectors.
7. Appreciate the importance of practical knowledge, teamwork, communication skills and continuous learning.
8. Understand the role of ECE engineers in the development and maintenance of modern communication infrastructure.

6. Benefits to Students

The visit provided students with valuable industrial exposure beyond the conventional classroom and laboratory environment. It helped them understand the relationship between academic learning and real-world engineering applications. The interaction with industry professionals also motivated students to develop technical skills and industry-oriented knowledge. Such exposure is particularly beneficial for ECE students as telecommunications, networking and digital communication are rapidly evolving fields requiring continuous technological learning.

7. Conclusion

The **two-day industry visit to Reliance Jio Infocomm Limited on 30th September and 1st October 2026** was highly informative and beneficial for the students of the Department of Electronics & Communication Engineering.

The technical session at **Electronic Complex, Salt Lake**, followed by the practical **site visit at Chakpachuria, Rajarhat**, provided students with a comprehensive exposure to the professional and industrial aspects of the telecommunications sector. The visit successfully strengthened the connection between **academic learning and industrial practice** and helped students develop a better understanding of the technologies, professional skills and responsibilities required in the modern telecommunications industry. The Department of ECE expresses its sincere appreciation to **Reliance Jio Infocomm Limited** and the professionals associated with the visit for providing the students with this valuable learning opportunity.

Few Glimpses of the events are attached:

