



Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Electronics and Telecommunication Engineering

Industry Visit Report

Date of Event: 18th January -26th January 2026

Event	Industry Visit at NSTI, Hyderabad
Introduction	An educational training at NSTI Ramanthapur, Hyderabad, proved to be a transformative experience for 91 students and 5 faculty members. The training encompassed an array of enriching activities, including immersive training sessions and insightful tours to prominent educational and cultural landmarks. This report provides a detailed account of the training, visit emphasizing its educational significance, and the diverse learning opportunities it offered.
Academic year	2025-2026
Duration of the activity (in days)	7 Days
No. Participants (Students)	Students Present-91 3U1 : BOYS -> 22 GIRLS -> 25 TOTAL -> 47 3U2 : BOYS -> 20 GIRLS -> 24 TOTAL -> 44
Mode of session	Offline
Visit driven by	EXTC Department
Industry visit and training venue	1) National Skill Training Institute(NSTI)- Ramanthapur(R). UppalRoad,Ramanthapur,RahatNagar,Amberpet,Hyderabad, Telangana 500013 2) ISRONRSCOutreachFacility. 6,MedakRd,IDAJeedimetla,Chinthal,Jeedimetla,Hy

	<p>derabad, Telangana 500055</p> <p>3) WonderlaSolarandWaterPurificationPlant. Hyderabad,NehruOuterRingRoadExi tNo.13,Raviryal,Telangana 501510</p>
Faculty Coordinator	<ul style="list-style-type: none"> • Prof. T.P.Marode • Prof.S.P.Satal • Mr.J.S.Kolhe • Prof.A. A. Deshmukh • Dr. Nirjala Dharmale
Domain	<ul style="list-style-type: none"> • Drone Technician • Hardware and Software application • HMI and SCADA using WINCC • IoT and its applications • CCTV Technician
Participants	Third year Students
Objective and Outcomes	<p>Objectives of the Session</p> <ul style="list-style-type: none"> • To provide participants with a clear understanding of the session’s theme and its real-world relevance. • To bridge the gap between theoretical knowledge and practical application. • To create awareness about current trends, challenges, and opportunities related to the topic. • To encourage interaction, discussion, and active participation among attendees. • To guide students/participants for better academic, professional, or personal growth. <p>Outcomes of the Session</p> <p>CO1: Participants gained enhanced knowledge and clarity about the subject.</p> <p>CO2: Improved understanding of practical aspects and industry/real-life expectations. Increased motivation and confidence to apply the learned concepts.</p> <p>CO3: Better awareness of future opportunities, skills, and career pathways.</p> <p>CO4: Strengthened interaction between speakers, students, and faculty/participants.</p>

Overview of the program:

Duration: 18th January 2026 to 26th January 2026

Participants: 91 Students and 5 Faculty Members

Introduction

An educational training program at NSTI Ramanthapur, Hyderabad proved to be a transformative and enriching experience for **91 students and 5 faculty members** from the Department of Electronics and Telecommunication Engineering, SSGMCE, Shegaon. The program included intensive hands-on training sessions, industry exposure, and cultural visits, providing a balanced blend of technical learning and experiential development. The training enhanced students' practical skills, professional awareness, and understanding of real-world engineering applications.

Journey and Arrival

The group departed from SSGMCE Shegaon premises at **6:00 a.m. on 18th January 2026**, traveling by two buses to Akola Railway Station. From there, students boarded a train to **Kachiguda Railway Station, Hyderabad**. Upon arrival, two pre-booked buses transported the group to **NSTI Ramanthapur**, where they reached by early night on the same day.

Training Sessions at NSTI Ramanthapur (19th–23rd January 2026)

The core objective of the visit was intensive hands-on technical training at NSTI Ramanthapur. The inaugural session was conducted on **19th January 2026**, followed by structured training programs from **19th to 23rd January 2026**.

Participants were engaged in five short-term skill-based programs focusing on practical applications in electronics and communication domains. The training included laboratory demonstrations, real-time practical sessions, exposure to modern tools and equipment, and industry-oriented skill development aligned with professional standards.

Industry and Technical Visits

NRSC Outreach Facility, ISRO – 23rd January 2026 (Morning Session)

Students attended a training-cum-visit at the NRSC Outreach Facility, ISRO, where they were introduced to remote sensing technologies, satellite communication systems, earth observation techniques, and geospatial applications. The session highlighted the role of electronics and telecommunication in disaster management, environmental monitoring, and national development.

Wonderla Solar and Water Purification Plant – 24th January 2026

Students visited the Solar and Water Purification Plant at Wonderla Amusement Park, gaining insights into renewable energy utilization, solar power systems, sustainable engineering practices, and modern water purification technologies.

Cultural and Historical Visits

Alongside technical exposure, students explored prominent cultural landmarks in Hyderabad:

- **Birla Temple – 22nd January 2026**
- **Salar Jung Museum – 23rd January 2026**
- **Chaumallah Palace – 25th January 2026**

These visits provided valuable insights into India’s rich architectural and cultural heritage, enhancing holistic learning and social awareness.

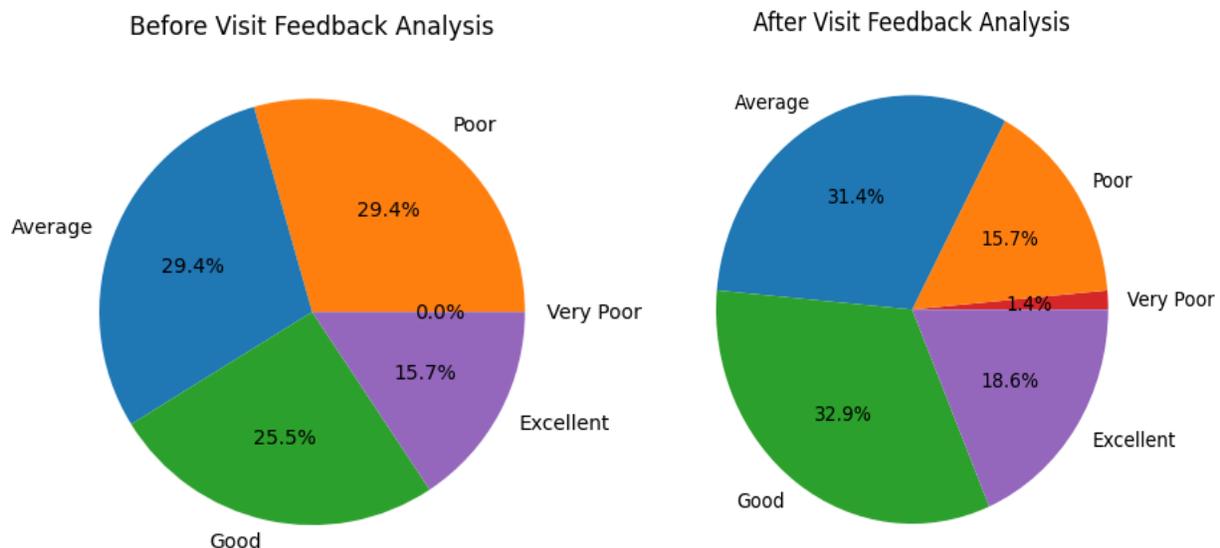
Return Journey

The group departed from Hyderabad after completion of all scheduled activities and arrived back at **SSGMCE Shegaon on 26th January 2026 at 8:30 p.m.**

Conclusion

The training program at NSTI Ramanthapur successfully integrated technical skill development, industry exposure, and cultural enrichment. The visit strengthened students’ practical competencies, enhanced industry readiness, and contributed significantly to Program Outcomes related to engineering knowledge, modern tool usage, sustainability, and lifelong learning, in alignment with Outcome-Based Education (OBE) requirements. It is concluded that the industrial visit significantly improved students’ practical knowledge, industrial exposure, and ability to relate theoretical concepts with real-world applications.

Feedback Analysis



Photos of the Event:



DINNER AT NSTI

CCTV & TECHNIAN

DRONE TECHNICIAN



SCADA

IoT and its applications

WONDERLA



ISRO



T.P.Marode/S.A.Satal/A.A.Deshmukh/N.S.Dharmale
Training and IV Co-ordinators

Dr.D.D.Nawgaje
H.O.D.,EXTC