

Event Report

- 1. Event Title:** An Industrial Visit Organized by Electrical Department SOET, Sandip University , Nashik at Suzlon Global Service Limited, (Wind Power Plant) Sinner, Nashik
- 2. Event Date:** 08/03/2025
- 3. Event Conduction Duration:** 10:00 am to 3:00 pm
- 4. Event Mode & Location:** Field Visit at Suzlon Global Service Limited, Sinner, Nashik, Pin- 422103
- 5. Event Resource Person Details:**
Mr. Pankaj Sadade
- 6. Name of Event Coordinator:**
Dr. Mangesh Nikose - HOD, EED, Sandip University, Nashik
Mr. Harshal Chaughule – Assistant Professor, EED, Sandip University, Nashik
Dr. Akshit Samadhiya – Assistant Professor, EED, Sandip University, Nashik
Mr. Yogesh Kahandal – Technical Assistant, EED, Sandip University, Nashik

Report Prepared By : Mr. Yogesh Kahandal ,TA , EED, SOET

6. Event Outline & Outcome of the event:

Introduction

The Electrical Department of the School of Engineering and Technology (SOET), Sandip University, Nashik, organized an educational industrial visit to Suzlon Global Service Limited, a leading wind power plant located in Sinner, Nashik. This visit aimed to provide students with practical exposure to renewable energy technologies, wind turbine operations, and modern power generation techniques.

Objectives of the Visit

- To understand the functioning of wind power plants and their contribution to sustainable energy production.

- To observe the real-time monitoring, maintenance, and operational aspects of wind turbines.
- To bridge the gap between theoretical concepts and practical applications in the field of renewable energy.
- To explore career opportunities in the wind energy sector.

Schedule and Participants

The visit commenced at 9:00 AM, with a batch of 40 students accompanied by four faculty members. The team traveled from the university campus to the Suzlon facility, reaching by 10:30 AM. Upon arrival, the group was welcomed by the Suzlon team and provided with safety gear and a briefing on safety protocols.

Overview of Suzlon Global Service Limited

Suzlon Global Service Limited is a key player in India's wind energy sector, with extensive expertise in wind turbine manufacturing, installation, and maintenance. The Sinner plant houses multiple wind turbines of varying capacities, equipped with advanced control systems to maximize energy output and ensure grid stability.

Activities and Learning Outcomes

1. **Presentation & Orientation:**

- The visit began with an informative presentation on Suzlon's history, vision, and technological advancements in wind energy.
- Students learned about wind resource assessment, site selection, and turbine design considerations.

2. **Plant Tour:**

- The group toured the plant, observing wind turbines, control panels, transformers, and SCADA (Supervisory Control and Data Acquisition) systems.
- The engineers explained the turbine's components, including the rotor blades, nacelle, gearbox, and generator.

3. **Live Monitoring & Maintenance:**

- Students witnessed live data monitoring of turbine performance and fault detection.
- The team demonstrated preventive maintenance procedures and shared insights on troubleshooting common issues.

4. **Q&A Session:**

- An interactive session allowed students to ask questions related to turbine efficiency, grid integration, and future trends in wind energy.

Key Takeaways:

- Enhanced understanding of wind energy generation and its role in sustainable development.
- Real-world exposure to the complexities of power plant operations and grid connectivity.
- Awareness of the skills and knowledge required to pursue a career in the renewable energy sector.

Conclusion:

The Industrial visit to Suzlon Global Service Limited was an enriching experience, providing invaluable practical insights into wind power generation. It complemented the academic curriculum, inspiring students to explore renewable energy solutions for a greener future. The Electrical Department, SOET, Sandip University, extends sincere gratitude to Suzlon's management and staff for their hospitality, knowledge sharing, and support in making this visit a success.

Event photos:





Jamgaon, Maharashtra, India
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Lat 19.83615° Long 73.905438°
08/03/2025 01:40 PM GMT +05:30



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