

DATE: 11/03/2024

Event Coordinator(s)

1. Mr. Amit Narote

Student Coordinator(s)

Sachin Vishvkarma

Time

10:00AM to 05:00PM

Department:

IT

No of participants:40

Attendees: XIE Students

Duration: 1 Day on 11/03/2024

The industrial visit to the Adani Thermal Power Plant was conducted on 11/03/2024 by XIE. The purpose of the visit was to gain practical insights into the functioning and operations of a thermal power plant and to understand the various processes involved in power generation.

Objectives of the Visit:

1. To understand the overall functioning of a thermal power plant.
2. To observe the different stages of power generation.
3. To learn about the technology and equipment used in power plants.
4. To gain insights into safety measures and environmental considerations.

Overview of Adani Thermal Power Plant:

Location: [Dahanu, Palghar, Maharashtra]

Capacity: [2 X 250 Megawatts]

Type of Power Plant: Thermal Power Plant

Observations and Learnings:

1. Power Generation Process:
 - Describe the different stages of power generation, including fuel handling, combustion, steam generation, and electricity generation.
 - Note any innovative or advanced technologies used in the process.
2. **Technology and Equipment:**
 - Provide details about the types of turbines, generators, boilers, and other essential equipment observed during the visit.
 - Discuss any automation or control systems in place.

Conclusion:

The visit to the Adani Thermal Power Plant provided valuable insights into the intricate processes of power generation, the advanced technologies employed, and the stringent safety and environmental measures implemented.

