

GIDC DEGREE ENGINEERING COLLEGE , NAVSARI, GUJARAT

(DEPARTMENT OF ELECTRICAL ENGINEERING)

Report

Industrial Visit : ADANI - Dahanu Thermal Power Station (ADTPS)

Event Title: Industrial Visit for Pre final Year B.E. Electrical Engineering students at Dahanu (Adani) Thermal Power Plant

Event Date: 7th February,2023

Event Conduction Duration: 6.00 AM to 11:00 PM

Event Venue: Thermal Power Plant, Dahanu Road, Palghar District, Near Dahanu Railway Station, Dahanu, Maharashtra 401608

Event Resource Person Details:

Mr. Shubham Sonar,
Project Head, AdaniDahanu Thermal Power Station,
9930997211

Name of Event Coordinator:

Prof. RohitDamor
Prof. KhyatiNaik
Prof. Ankur Desai

1. Event Outline & Outcome of the event:

Objective of Program:

The industrial visit was organized for students to learn about different sections of a thermal power plant and practically observe the concepts they have learnt in theory. Adani - Dahanu Thermal Power Station (ADTPS), consisting two units of 250 MW, is one of the best power generation plants in the country, which commenced its commercial operations in January 1996. Recognized with innumerable awards, this power plant is known for its distinctive features that set it apart from others in terms of technological innovation, superior performance and continuous sustainability for a longer period. Adani - Dahanu Thermal Power Station has implemented integrated management systems (IMS) in its processes and is certified for quality management, environment management, occupational health and safety assessment studies, social accountability management, information security management, energy management and accreditation for ADTPS coal testing laboratory.

Output of Program:

Students observed and understood all the details of a Thermal power plant structure and working. They visited different sections like Imported Coal Section, Quality Checking of Coal, Actual Operation of Power Plant, Turbines, Exciter, Boiler, Ash handling plant, Coal Handling Plant, Conveyor Belt, 220 MV Distribution etc. The plant is equipped with the highest chimney in Asia. Students also observed different Control panels and the control section.

Number of Pre final year B.E. Students: 37

Eventphoto:

