



Government Engineering College, Gandhinagar

Brief Report on “Industrial Visit to Thermal Power Station Gandhinagar”

Name Of Department/Organizer	Electrical Engineering Department
Date & Time	18/02/2026 at 2:30 PM onwards.
Venue	Thermal Power Station, Gandhinagar
No. of Participants	46
Organized By	1.Prof. Jignasha Prajapati 2.Prof. Priyank Bhavsar

- **Objective of The Event**

Industrial visit to the “**Thermal Power Plant, Gandhinagar**” was organized on 18th February 2026, as a part of the academic curriculum for “**Power System-1**” for the 4th semester students of the Electrical Engineering Department at Government Engineering College, Gandhinagar. This visit was conducted under the major activity head of “**Technical / Research Skill**” and sub-activity head of “**Industrial/Exhibition Visit with Report**”. A total of approximately **46 students** actively participated in this industrial visit. The visit was guided and accompanied by **Prof. J. A. Prajapati** and **Prof. P. R. Bhavsar**, ensuring proper understanding and discipline throughout the activity. The primary objective of this industrial visit was to bridge the gap between theoretical knowledge gained in classroom learning and practical exposure to real-world power generation systems. Students were able to observe and understand the functioning of various components involved in thermal power generation such as boilers, turbines, generators, and control systems.

- **Outcome of The Event**

All the students assembled at the **Thermal Power Station, Gandhinagar** at 2:15 PM on 18th February 2026, along with their respective faculty coordinators from Government Engineering College, Gandhinagar. During the initial introduction, students were familiarized with the basic concepts and processes involved in converting coal energy into electrical energy in the power plant. Subsequently, the students were divided into smaller groups of **approximately 23 students** each, and each group was assigned a training supervisor from TPS Gandhinagar who guided and assisted them throughout the visit. The students received practical exposure and demonstrations in various sections of the plant, including the control room, turbine section, generator section, and switchyard. This hands-on experience significantly enhanced their knowledge and understanding of power generation, transmission, and distribution processes, as explained by the **TPS Gandhinagar supervisors**.

- Glimpses of Industrial Visit

