



# Gyanmanjari Institute of Technology Bhavnagar

Report on

## Industrial Visit at Thermal Power Station Padva

Date: 29/07/2025  
Time: 1:00 pm  
Venue : BLTPS, Padva-Bhavnagar

<b>No. of Student</b>	28
<b>Department</b>	Electrical & EC Engineering
<b>Semester</b>	All
<b>Faculty Co-Ordinator</b>	Prof. Jaydipsinh Parmar Prof. Disha Siddhapura Prof. Pankaj Chaudhary

## Objective

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The primary objective of the industrial visit was to provide students with practical exposure to the real-time functioning of a thermal power plant. By visiting the Bhavnagar Thermal Power Station, students gained a deeper understanding of how electricity is generated using thermal energy, how various components like boilers, turbines, and control systems operate, and how power is managed and transmitted efficiently. The visit aimed to bridge the gap between theoretical classroom learning and actual industrial practices, thereby enhancing students' technical knowledge, observational skills, and interest in power system engineering..

## About Activities:

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During the visit, students were guided through various sections of the power plant including:

- **Boiler Unit** – Introduction to steam generation and combustion process.
- **Turbine Section** – Demonstration of energy conversion from thermal to mechanical and then to electrical.
- **Control Room** – Understanding centralized control and monitoring of power plant operations.
- **Cooling System & Ash Handling** – Insight into thermal efficiency and waste management.

Engineers and staff at the station explained each process in detail, and interactive sessions were held to clarify student doubts. The visit was successfully accomplished under the valuable guidance and coordination of **Prof. Jaydipsinh Parmar, Prof. Disha Siddhapura, and Prof. Pankaj Chaudhary**, whose efforts ensured a well-organized and educational experience for all the participating students.

## Conclusion

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The industrial visit to the GNITE Thermal Power Station was highly beneficial. It provided students with valuable insights into large-scale power production and helped them relate their theoretical knowledge to practical applications. The coordination and support of the faculty members made the visit informative and well-Organized

# Photograph



**TPA Coordinator**

**Head of Department**



GYNAMANJARI INNOVATIVE UNIVERSITY  
ELECTRICAL / EC ENGINEERING

TRAINING AND PLACEMENT ACTIVITY -2025-26

COURSE	Degree / Diploma	BRANCH	Elect/EC
SEMESTER	3rd & 5th	CLASS	
ACTIVITY	Powerstation visit BLTPS, Bhavnagar	DATE	29/07/25
STUDENTS NAME			STUDENTS SIGN

SR. NO.	ENROLLEMENT NO.	STUDENTS NAME	STUDENTS SIGN
1	241105050001	Bhalema Manu	
2	241105050002	Chavhan, parthraj sirbh	
3	241105090003	Torivedi Deep	
4	241105050004	Chavde dev P.	
5	241105050007	Kelsariya Umang	
6	241105050010	Parmar Divyraj	
7	241105050014	Vaghsoiya dev.	
8	20231105050008	Mardiya dhruv	
9	20231105050013	Talsariya Vivat	
10	20231105050014	Chudasama Tammar	
11	20231105050015	Creelil yash	
12	241105051002	pandya dhruv.	
13	2023905060001	Symara harsini	
14	240905061002	Mehta Dhruvit	
15	240905061003	Reetha Crepal	
16	240905061004	Mehta Sumya	
17	240905061005	Misra cetiz	
18	240905120001	Dhamani heer	
19	240905120002	Jadav Kheshi	
20	240905120003	Vale Dhaval	
21	240905060001	Sumara Manav.	
22		Maru Sherid	
23		Maru herdit	
24		Maru Nitkil	
25		Sakeriya Dipak.	
26	241105051002	pandya kevin	
27	20231105050009	Saikh Gulemetomann	
28	241105050012	Saikh Musambbas.	
29			
30			

TPA  
29/07/25

HOD