



# **Report On Industrial Visit**

**UKAI THERMAL POWER STATION (GSECL)**

**Arranged by**

**Electrical Engineering Department,**

**A.Y.DADABHAI TECHNICAL INSTITUTE, KOSAMBA**

## VISIT REPORT

**Date:-** 22/02/2025

**Department:-** Electrical Engineering

**Semester:-** 4<sup>th</sup> & 6<sup>th</sup>

**Subject:-** Distribution & Utilization

**No Of Students:-** 44

**Name Of Faculty:-**

- 1) Mrs.Sneha Manik (Lecturer)
- 2) Mr. Ravi Singh (Lecturer)
- 3) Mr. J C Patel (Lab Assistant)
- 4) Mr.P J. Patel (Lab Assistant)

**Name Of Place/Company Visited:-** Ukai Thermal Power Station (GSECL)

### **About Company & Visit**

On the 22th of February 2025 our electrical Department has arranged an industrial visit for our 4<sup>th</sup> & 6<sup>th</sup> sem students. Total 44 students & four faculty members had visited Ukai Thermal Power Station.

**Ukai Thermal Power Station** of the Gujarat State Electricity Corporation Limited, India, is a power station with an installed capacity of 1,110 MW. It is one of Gujarat's major coal-fired power plants, located on the bank of the Tapi river.

It is on the Jalgaon-Surat branch line of Western Railway. Coal-based thermal power stations consume large quantities of coal. For example, the Ukai Thermal Power Station consumed 3,200,000 tonnes of coal in 2006–07. Around 80 per cent of the domestic coal supplies in India are meant for coal based thermal power plants and coal transportation forms 42 per cent of the total freight earnings of Indian railways.

### Technical Data of Ukai Thermal Power Station.

Stage	Unit number	Installed capacity (MW)	Date of commissioning	Status
Stage I	1	120	March 1976	Retired from service
Stage I	2	120	June, 1976	Retired from service
Stage I	3	200	January 1979	Running
Stage I	4	200	September, 1979	Running
Stage I	5	210	January 1985	Running
Stage I	6	500	2013	Running

**PHOTO GALLERY:**

