



Noble Group of Institutions –JUNAGADH
FACULTY OF DIPLOMA ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING
Industry Visit Report - GSECL- THERMAL POWER PLANT- SIKKA (JAMANAGAR)

1	Company Name	GSECL- THERMAL POWER PLANT
2	Location	SIKKA (JAMNAGAR)
3	Date	24/01/2018
4	Time	06.00 AM to 10:00 PM
5	Semester	4 TH & 6 TH
6	Name of Department	DIPLOMA ELECTRICAL ENGG
7	Number of Students visited	50
8	Number of Faculties accompanied	03

Objective:

To develop the practical knowledge of the students.

To realize & to be familiar with the new technology that is used in the generation and distribution of the electric power.

Company Profile:

The Sikka Thermal Power Station is located near Jamnagar. It is Coal Based Power Station. GSECL is involved in a wide spectrum of activities to improve the electricity infrastructure and generation of power in Gujarat and TPS Sikka is mainly supplier of electricity to PGVCL. There are 2 units of 120 MW each and 2 units of 250 MW each with a total installed capacity of 740 MW.

Experience: It was good experience for the students as well as faculties to familiarize with the technique used in generation, distribution of electric power and also with the automation of the

operation. Good support from the guide of the firm to familiarize with the operation and its components.

Learning from visit: Students and faculty members got the practical knowledge from the visit that how the machines like synchronous generators, power transformers, CTs & PTs, transmission lines, insulators are installed and also how they are working together for the generation & distribution of the electric power and how the care & precautions should be taken for all the above mentioned machines.

Acknowledgement: Students are thankful to the Thermal Power Station- Sikka, Jamnagar and college to make such a great experience of the learning of the electricity generation from the coals. It increases the knowledge of students.

Photograph:









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Training & Placement Officer