



**Sandip Foundation's
Sandip Institute of Technology & Research Centre, Nashik
Department of Electrical Engineering**

Name of Event: Industrial Visit to 400kV Substation

**Address of the Visit: MSETCL 400/220 kV Substation,
Babhaleshwar Substation Ahmednagar**

Date of the Visit : 07th February 2016

Name of Event Coordinator:

Prof. Anuj D. Pandey

(Asst. Prof. - Electrical Dept., SITRC, Nashik)

Name of staff accompanied :

1. Prof. R.B. Sadaphale
2. Prof. A.D. Pandey
3. Prof. S. M. Deshmukh
4. Prof. G. M. Deore
5. Miss. S. D. Shimpi
6. Mr. S. T. Suralkar

Objectives :

- To introduce the students to understand the real electrical power system viz. Generation, transmission and distribution.
- To make them understand the practical working of a substation and its components coordination in the substation.
- To practically understand the various connections, incoming, outgoing lines and the way of connecting the different components like bus-bar, Isolators, various switchgear equipments, transformers etc.

Outcome :

- Students understood the basics of power system components and the concept of transformers, reactors, different connections of the transformers etc.
- Students understood the functioning of various components involved in the substation designing.
- Students understood the various switchgear equipments which plays the major role in substation protection in the power system .Even they understood some of the latest technologies used in the substation designing.

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