



Sandip Foundation's
Sandip Institute of Technology & Research Centre, Nashik
Department of Electrical Engineering
Academic Year 2017-18

Report on 132/33 KV Substation Visit to Khaprale , Nashik

Name of Plant: 132/33 KV Substation at Khaprale

Address: Khaprale, Nashik

Plant Co-ordinator: Er. Suraj Kulkarni, Substation In-charge

Plant Visit: 27th Feb 2018

Timings: 10.30 am to 3.30 pm

Organized For: T.E, Electrical Engg, SITRC

Name of Staff Visited: 1.Prof. Vikas Gaur 2. Prof.M.Bishi

Visit Co-Ordinator: 1.Prof.A.V.Satpute 2.Prof.D.S.Badgujar

No of Students: TE, 56

Knowledge Concerned With Subject: Power System-II

Details of Substation: Substation Capacity: 132/33KV, 50MVA Khaprale

Objective of Visit:

- Understand layout of substation
- Understand power transfer in feeders.
- Operation of Plant using PLC & SCADA Software
- Understand various electrical component connection in a substation

Outcome of Visit:

- Students understood the power transfer from incoming and outgoing in a distribution system
- Students got aware about the construction, working, and operation, of Switchgear Equipment's in Substation.
- Sending Power Management



Staff and Students of Electrical Engineering Department, SITRC, Nashik



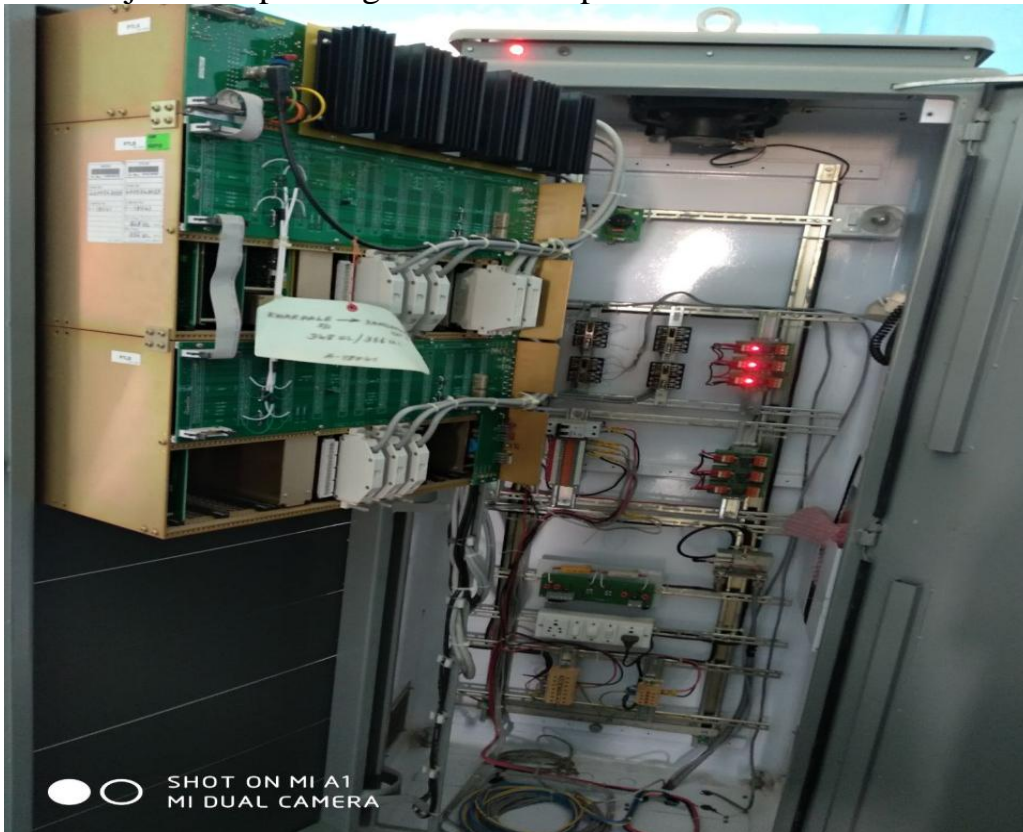
Er. Suarj Patil Explaining substation layout to Students



Er. Suarj Patil explaining the working of Bus system



Er. Suarj Patil explaining PLCC concept



PLCC ROOM