



**SANDIP FOUNDATION'S**  
**SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, Nashik**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**Academic Year 2017-18**

**Report on Industrial Visit**

**Event Title:** Industrial visit to Hydro Power Station, Ghatghar, Nashik

**Event Date:** 29th August 2017

**Event Conduction Duration:** One day

**Event Venue:** Ghatghar Hydropower, TAI Shahpur, Dist. Thane

**Event Resource Person Details:** Er. Verulkar, Executive Engineer,  
MSEGCL, Hydro power station, Ghatghar

**Name of Event Co-ordinator:** 1. Prof. D S Badgujar 2. Prof. M Bishi

**Event Objective and Outcome:**

To get a thorough idea about hydro power, operation of generator, Turbines. It is a pump storage hydro power station.

**Installed capacity - 250MW**

**Turbines - 2 \* 125MW Francis reversible Turbine**

The power station is located between both the upper and lower reservoirs. During peak electricity demand hours, water from the upper reservoir turns two 125 MW reversible Francis turbine-generators and when

demand is low, during night time, the turbine reversed the direction and water is pumped from lower reservoir to upper reservoir.



1.Prof.D S Badgujar and Prof.M Bishi with BE Electrical Engg Students,SITRC



220 KV Switchyard at Ghatghar Hydro Power Station



Control Panel Room at Ghatghar Hydro Power Station