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DEPARTMENT OF ELECTRICAL ENGINEERING

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Report of Industrial Visit to “TARAPUR ATOMIC POWER STATION”

Department of Electrical Engineering organized One day Industrial Visit on 15th, October 2016. The Visit was arranged for Final year Electrical student's only. Total 41 students have taken part in the Industrial visit. The visit was at “TARAPUR ATOMIC POWER STATION”, at Boisar Tarpur Road, Tq: Palghar, Maharashtra.

Students have gained knowledge about the power generation in nuclear power station. The few points from the visit are as follows

- T A P S consists of 4 Units. In which two units (unit 1 &2) have capacity of 2*160 MWe and two units (Unit 3 & 4) 2*540 MWe.
- Units 1 & 2 have Boiling water Reactor (BWR) and Units 3 & 4 have Pressurized Heavy Water reactor (PHWR).
- T A P S has 400kV of Gas Insulated switchyard (GIS).
- L & T company manufactured 6.6kV Circuit breakers in P C C and M C C.
- Each Steam Turbo Generator (STG) coupled with turbine which has one High Pressurized (HP) and two Low Pressurized (LP) based turbine.

To make this successful industrial visit guided by, respected Chairman-Dr. Vijay Bedekar, BARC EX-Scantiest-Dr. Shashikant Dharane, Principal-Dr. Shilpa Kamat and from Department, HoD-Mr.Satish Ghorpade.

Visit Coordinator
Ms.Ramadevi Rudra

H.O.D
Mr.Satish Ghorpade