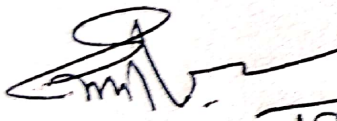


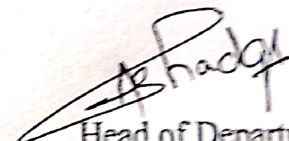
NOTICE

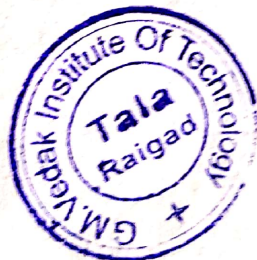
Date: 13/04/2018

All the students of Third Year Mechanical engineering are hereby informed that the industrial visit is arranged on 16th April 2018. The teaching on the mentioned date will be suspended. Students will have to reach to Bhira Hydropower plant, Rawalje at 11.30 AM. Students are informed to reach to the destination on time. The visit is compulsory for all the third students of Mechanical engineering. Students are also informed to wear proper clothes and shoes. As per the regulations of company students without shoes are not allowed to enter. Transportation facility will be provided to all students. College bus will depart sharp at 9.30 AM from GMVIT, Tala.


13.04.18

Faculty Co-coordinator


Head of Department



Industrial Visit at Hydraulic Power Plant, Bhira

Date of the Industrial Visit : 16th April 2018

Subject : TFPE

Day : Monday

Class : T.E. Mechanical

Industrial visit has been conducted for third year mechanical engineering students to Hydraulic power Plant, Bhira on 16th April 2018. As mentioned in the syllabus of subject Thermal and Fluid Power Engineering, visit has been attended accompanied with two faculties. Forty two students were participated in this industrial visit. This industrial visit was found to be very helpful for the students to upgrade the knowledge of the corresponding subject.

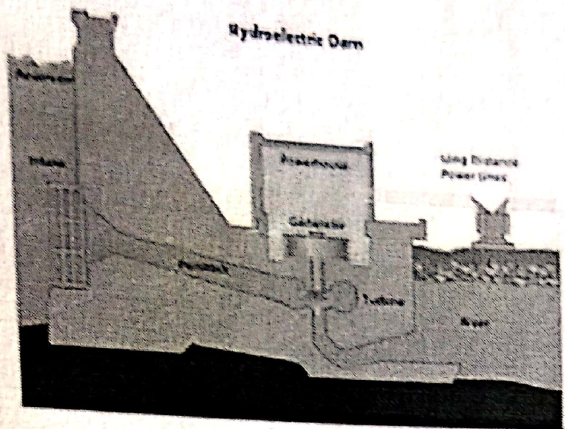
The Mahanirmiti or Mahagenco (Maharashtra State Power Generation Company Limited MSPGCL) formerly known as MSEB (Maharashtra State Electricity Board) is the major power generating company in the state of Maharashtra, Western India. With a total generation of 14400 MW, it is the second largest power producing company in India. The power generated by Mahagenco is supplied to the State of Maharashtra. It was a part of Maharashtra State Electricity Board (MSEB) until 6 June 2005. Hydropower plant is the most common source of renewable energy in India. Bhira Hydroelectric Project is an electricity generating complex in Bhira, Maharashtra state, India. It generates power using water from the nearby Mulshi Dam. Bhira lies approximately 150 km from Mumbai. Its construction was completed in 1927. In current usage hydropower refers to power from water, the hydropower plant at Bhira develops about 2 x 1000 kW of electricity although the amount of electricity produce annually is well below the maximum potential of generating 100 % of time.

Prof. Jitesh G. Bhagat and Prof. Amar A. Khot along with 42 third year mechanical students attended the visit successfully. Mr. Siddhesh C. Amburle, (Deputy Executive Engineer, Mahagenco, Bhira) along with his assistant explained the technical aspects and general information of the project to the students. We really very thankful to him for proper guidance to students and for spending their valuable time with us from their busy schedule.



Photographic view of Mulshi dam

Francis turbines were used for power generation. Water coming from Tata power station is utilized morning and From 6.pm to 9 pm at evening when the demand of electricity is high.



Schematic of Francis turbines



Photo session of TE Mechanical students with Deputy engineers (MahaGenco) and Faculties

(Faculty coordinators)



Radix