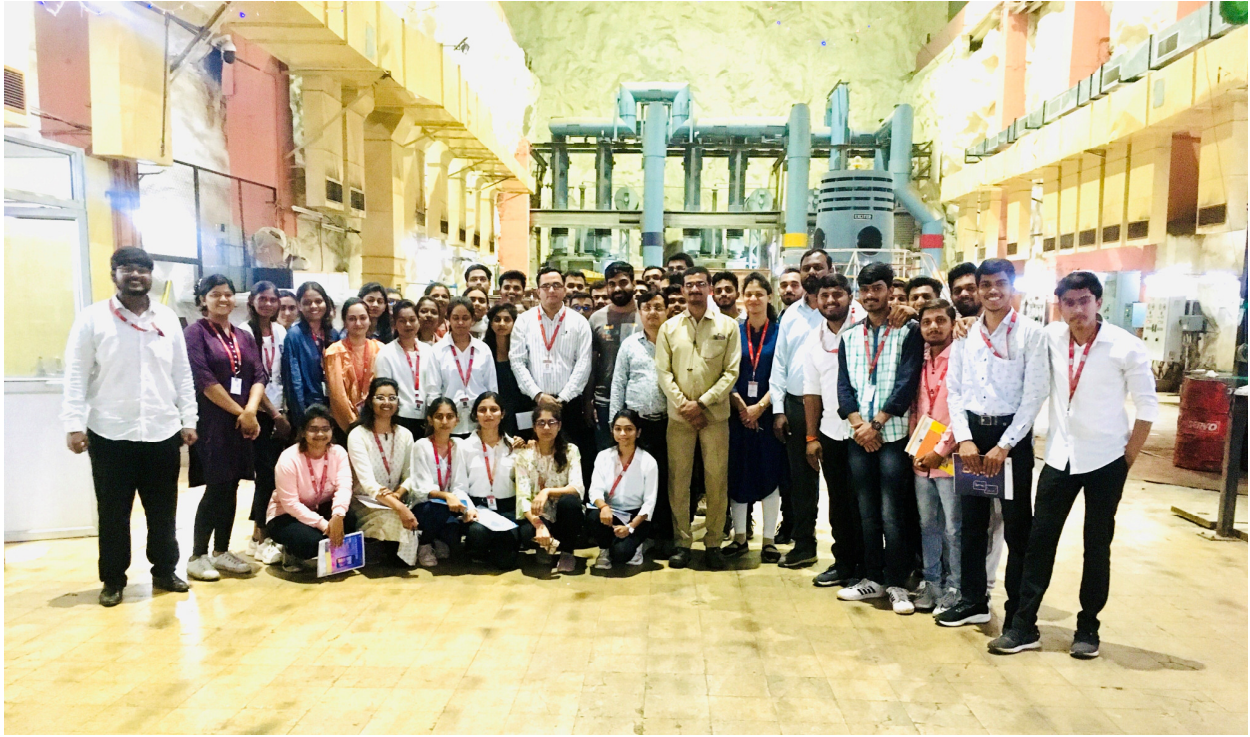


HYDROPOWER PLANT VISIT REPORT



Visit Title:	Educational Visit of BE Civil Students at Vitarna Hydropower Plant under the subject Hydropower Engineering.
Visit Duration:	One day
Visit Location:	Vitarna Hydropower Plant
Name of Event Coordinator:	1. Prof. R. N. Patil 2. Prof. R. Y. Mahajan
Subject:-	Hydropower Engineering.
Day & Date of Visit:	Wednesday 28/03/2023
Class:	BE Civil
Industry Persons/Guide:	1. Er. Amol Bhamare 2. Er. S. D. Badgujar 3. Er. Nilesh Thakare 4. Mr. Hemant Patil

Topic Covered:

1. Hydropower Plant Layout
2. Hydropower generation methodology
3. Types of Hydropower plant
4. Types of Turbines
5. Function of all units like turbine, Draft Tube, generator, exciter, switch yard, TRT, HRT etc.

Objectives:

1. The main objective of the visit is to get the knowledge of dam and its components.
2. To get the knowledge on working of Hydropower Power plant .
3. To get the knowledge regarding the construction of Dam .
4. To study various components of Hydropower Plant .

Visit Summary:

1. All the students were gathered in the Department at 9.30 am and attendance by respective subject teachers of present students were taken.
2. Bus departed from campus at 10.15 am and reached at visit location at 11.15pm
3. Permission letters and challan for the Dam and Hydropower plant were made in the main office of the Vitarana Dam.
4. Further all students visited the 60MW plant and for 60MW
5. For 60MW plant whole working system of the Hydropower plant with details of Construction of the plant was explained by the respective Engineer's to the first group of the students and so for the other group 1.5MW plant was explained by the respective authorities i.e. the working and construction details of the plant.
6. After the visit of first group of students for 60MW was done at 2.30pm then studnets visited the 1.5 MW plant.
7. Students enjoyed their refreshment (lunch) near the dam area.
8. After refreshment all students were gathered near plant office for group photo and vote of thanks.
9. One of student came forward and delivered vote of thanks and declared the end of industrial visit for the day.
10. After vote of thanks students boarded into bus and arrived back to the college campus at 04.45pm.

Outcome:

After completion of visit students came to know following details:

1. Students got to know about the dam and it's Construction .
2. Students got to know about the Hydropower plant and it's working .

Visit photos:



Group Photo at power house approach Tunnel





Lunch



Back water

