

## REPORT ON EDUCATIONAL VISIT



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| <b>Visit Title:</b>               | Educational Visit of BE Civil Students at Vaitarna dam and Hydro Power Plant under the subject Dams & Hydraulics and Hydropower Engineering . |
| <b>Visit Duration:</b>            | One day   |
| <b>Visit Location:</b>            | Vaitarna Dam, Nashik  |
| <b>Name of Event Coordinator:</b> | 1. Prof. Pritesh More   |
| <b>Subject:-</b>                  | Dams and Hydraulics and Hydropower Engineering  |
| <b>Day &amp; Date of Visit:</b>   | Wednesday 07/02/2024  |
| <b>Class:</b>                     | BE Civil Students all Division  |
| <b>Industry Persons/Guide:</b>    | 1. Er. M. T. Mankar (AE)<br>2. Er. S. Pandit (AE)   |

### Topic Covered:

Type of Dam , Various components of dam , Working of Hydropower plant , various components of hydropower plant

## 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 was departed from campus at 10.30 am and reached at visit location at 12.15pm
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 were divided into two groups.
5. Further one group visited the 60MW plant and another group visited 1.5MW plant at same time, for 60MW Er. M.T. Mankar(AE), Er.S. Pandit(AE).
6. 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.
7. After the visit of first group of students for 60MW was done at 2.30pm then the first group visited the 1.5 MW plant and second group went for the visit of 60MW plant after completion of the visit for 1.5 MW plant.
8. Students enjoyed their refreshment (lunch) near the dam area.
9. After refreshment all students were gathered near plant office for group photo and vote of thanks.
10. One of student came forward and delivered vote of thanks and declared the end of industrial visit for the day.
11. After vote of thanks students boarded into bus and arrived back to the college campus at 05.00pm.

## Outcome:

After completion of visit we came to know following details:

1. Students got to know about the dam and its Construction .
2. Students got to know about the Hydropower plant and its working .



**1.5 MW Hydropower Plant**



**Vote of Thanks and Issuing Thanking letter to EE**