



Industrial Visit Report

Department of Civil Engineering

Date of Visit

30/09/2016

Place

Dharoi Dam, Dharoi, Gujarat

Duration of Visit

13.5 HOURS

BE Semester:7th Civil Engineering

No. of Students Participant in Visit: 38

Name of Faculty members:

Prof. MAYANK BHATT

9510548628

Prof. ZUNED SHAIKH

9726707447



Information about Place:

Dharoi Dam is a gravity dam on the Sabarmati river near Dharoi, Mehsana district of northern Gujarat in India. Constructed in 1978, the dam is meant for irrigation, power generation and flood control.

Observations during the visit:

Dam details:

Type of dam: Concrete Gravity

Length of main dam: 1207 m.

Top R.L. of dam: 45.87 m.

Spillway Type: ogee

Energy dissipation arrangement: Roller bucket

Spillway capacity: 21662cumecs

Canal details:

F.S.L at H.R: 91.45 m (300 ft.)

Main canal:

Length: 44 km (Right) and 29.52 km (Left).

Discharge capacity in head reach: 20 cum (Right) and 5 cum(Left)

Subject/s or topic related to visit:

- HYDROLOGY AND WATER RESOURCES ENGINEERING,
- IRRIGATION ENGINEERING.

Outcomes/Understanding from the visit:

Benefits from Dharoi dam

- Irrigation
- Drinking Water Supply
- Flood protection

Feedback of Students:

1. Well organized trip.
2. Had fun. Inspection Gallery experience was awesome.
3. Many queries regarding hydraulic structure were made clear.
4. More number of such trips should be arranged.

Name of H.O.D.
Prof. Mayank Bhatt

Prepared By:
Shaikh Zuned