

Aditya silver oak Institute of Technology

Department of Civil Engineering

Name of the Club: Silver Maple Club			
Title of the Activity: Visit to sardarsarovar			
Coordinator: Civil Department ASOIT			
Venue:	Narmada river, <u>Navagam</u> , Gujarat in India	Date:	20 TH SEPTEMBER 2017

Objective: To get practical knowledge of Hydraulic structure of dam and Hydro power plant in dam.
And to be familiar with industrial environment

Expert or Guest Profile (In Detail): Sardar Sarovar Project Authority site Engineer

No. of Participants: 69 Nos. Students

Outcome:

After completion of visit students have familiar with industrial environment and to get practical knowledge of Hydraulic structure of dam and Hydro power plant in dam. Also in 5th semester subject like Irrigation engineering requires knowledge about how components of dam and hydro power plant are constructed, so it is very much convenient to see all the practical and components in real time work environment

All the students from 3rd, 5th and 7th of Civil Engineering Aditya Silver Oak Institute of technology, Ahmedabad along with 3 faculty members went on Site visit to Sardar Sarovar project build on Narmada river, Navagam, Gujarat on 20th September 2017. Total 69 students along with the faculties reached their destination at 9 AM.

In the visit they have seen various sectors through which various operations and managements.

Students had seen various areas which are in operating condition like, 1.Main power house of dam, 2.Dam, 3. Canal power house, 4.Main reservoir, 5. Canal ponds, 6.Main irrigation canal 6. Poicha Temple.

We visited RBPH, Narmada Dam, CHPH, Narmada Main Canal. The RBPH (River Bed Power House) is underground Power house which was constructed at 165 m downstream of the dam. RBPH has installed capacity of 1200 MW with six number of Francis type reversible turbine generators each of 200 MW installed capacity

Photographs



Narmada Dam:

Narmada Dam Sardar Sarovar Dam is a concrete gravity dam across river Narmada, 1210 meters (3970 feet) in length and with a maximum height of 163 meters above the deepest foundation level, is constructed up to the crest level of spillway i.e. 121.92 m.