

Civil Engineering
Department

24th August 2017



SMT. S. R. PATEL ENGINEERING COLLEGE

Industrial Visit Report

One Day Industrial Visit (Dantiwada Dam, Banas River)

Objectives:

The main objective of the industrial visit was: i.) To understand various hydraulic and hydrologic design consideration of Earthen dam.

ii.) To understand adequacy and working principle of spillway (Ogee shaped).

Expert:

Prof. Tanmay Kumar
and **Prof. Rabindra Kumar**

Asst. Prof.
Smt. S.R. Patel Engineering College, Dabhi Unjha

Industrial Visit coordinator:

Prof. Tanmay Kumar and
Prof. Rabindra Kumar
Civil Engineering
Department, SRPEC.

Summary:

Industrial visit for 5th semester (Civil Engineering) students have been accomplished at Dantiwada dam which comes under NWR-WRS (Govt. of Gujarat) on 24th Aug. 2017. The main objective of industrial visit was to understand the interaction of hydraulic structures (dam) with water

potential; and to understand the working principle of various components of dam (Specially spillways). During visit out of total 11 spillways only one spillway was working; remaining 10 spillway gates were closed.

Apart from the above mentioned objective mechanism of lifting of spillways gate has also been discussed with concerned authority. In order to accomplish above mentioned objective whole day have been spent.

IMMEMORABLE MOMENTS OF INDUSTRIAL VISIT:



Dantiwada Dam in Banaskantha Gujarat

Industrial visit Participants:

Forty students of B.E., 5th semester (Dept. of Civil Engineering)