

Civil Engineering
Department

1 –2 SEPT. 2019



SMT. S. R. PATEL ENGINEERING COLLEGE

Industrial Visit Report

TWO DAYS VISIT ON VARIOUS HYDRAULIC STRUCTURES AT DHAROI DAM AND ITS U/S & D/S

Objectives:

The main objective of the Industrial visit to have exposure of various Hydraulics Structure (Dam, Weir, Barrages, Cross drainage works, canal functioning, rain-gauge station etc.) and their functioning.



Summary:

Industrial visit was arranged by S. R. Patel Engineering College on 1st and 2nd September, 2019. Visit was arranged to have exposure of theoretical knowledge of functioning of various hydraulic structures i.e. Dam, Cross Drainage works etc., to gain the knowledge of Hydrology and to understand the function of the rain gauge to the final year students so that students can be analyze the runoff, velocity, capacity and high flood level during

the monsoon season.

Dharoi Dam is a gravity dam on the Sabarmati river near Dharoi, Kheralu Taluka, Mehsana district of northern Gujarat in India. Constructed in 1978, the dam is meant for irrigation, power generation and flood control. Total land submerged under reservoir include 349.39 hectares forest land, 2,727.55 hectares wasteland, 7,489.87 hectares cultivable land.

PHOTOS OF VISIT



Industrial Visit Participants:

Visit was organized for the students of 7th Semester, Civil Engineering. There were 44 students in the Visit.