

**GOVERNMENT ENGINEERING COLLEGE, VALSAD**  
**CIVIL ENGINEERING DEPARTMENT**

A DETAIL REPORT

ON

Industrial Visit

Place of Visit :

**Sardar Sarovar Dam Site**

**&**

**Statue of Unity**

**DATE : 10/10/2019**

## **DETAILS OF INDUSTRIAL VISIT :**

Place of visit : Sardar sarovar dam site & Statue of unity

Date of visit : 10/10/2019

Name of department : Civil Engineering Department

Semester : 07 (Civil )

Subject : Irrigation Engineering (2170609)

Number of students : 56 students

## **OBJECTIVES :**

1. The main objective of this visit is to understand components of Dam Structure.
2. To learn and understand the process of Hydro-power generation

## **VISIT DISCRPTION :**

The Department of Civil Engineering organized an industrial visit of Sardar Sarovar Dam site and Statue of unity . This visit was organized for the students of semester 07 of Civil Engineering Department. The visit was organized on 10<sup>th</sup> October, 2019 & total 56 students of Semester- 07 of Civil Engineering Department were present at Visit place. Two faculty members of Civil Department - Prof. P. S. Patel & Prof. S.H.Mistry were Join the students during Visit.

The students and faculty members were welcomed by the Engineer at Sardar Sarovar Dam Site . Assistant Engineer at Dam Site explained the Various Components of Dam Structure. He explained in detail about Dam Structure-Concrete Gravity Dam. He discussed full details of history of construction of Sardar Sarovar Dam. He explained the process of Hydro Power generation in detail. He also explained in detail about Catchment Area, Storage Capacity of Dam, Discharge Capacity of Dam, Length of Dam, Type of Dam, Type of Spillway, Type of Gates, Canal Head Regulator at Sardar Sarovar Dam site.

In addition to that students visited the world tallest statue (Height- 182 meters) located at Kevadiya colony. The visit proved to be very much useful for the student for their future field Practice and satisfied the objectives as mentioned earlier.

