

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

A DETAIL REPORT

ON

Industrial Visit

Place of Visit :

**Ukai Dam Site, Ukai,**

**District - Tapi**

**DATE : 01/10/2019**

## **DETAILS OF INDUSTRIAL VISIT :**

Place of visit : Ukai Dam Site, Ukai, Dist-Tapi  
Date of visit : 01/10/2019  
Name of department : Civil Engineering Department  
Semester : 05 (Civil )  
Subject : Hydrology & Water Resource (2150602)  
Number of students : 53 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 to Ukai Dam Site, Ukai, Dist-Tapi. This visit was organized for the students of semester – 05 of Civil Engineering Department. The visit was organized on 1<sup>st</sup> October, 2019 & total 53 students of Semester- 05 of Civil Engineering Department were present at Visit place-Ukai Dam Site. Two faculty members of Civil Department - Prof. V. D. Patel & Prof. N.M. Patel were Join the students during Visit.

The students and faculty members were welcomed by Executive Engineer at Ukai Dam Site . Assistant Engineer at Dam Site explained the Various Components of Dam Structure. 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 Ukai Dam Site. He also Explain the process of Hydro Power generation in detail. The visit proved to be very much useful for the student for their future field Practice and satisfied the objectives as mentioned earlier.



**Visit Coordinator : Prof. H. K. Rana**

**HOD Civil : Prof. D.J. Patel**