

The visit of **Tehri Dam, Uttarakhand** which is 1st highest

Dam in India as well as 8th Highest dam in the World by the Students of **B. H. Gardi College of Engineering and Technology, Rajkot** Civil Engineering department was successfully planned and executed by Prof. Lekhank Bhuva, Prof. Kajal Dudhatra and Prof. Jay Kapadia on 08/10/2018 under guidance of Prof. Vimal Patel

The total **39 students** had actively participated in the visit to get fruitful knowledge.

❖ **Site Observation:**

- Slope stabilization using Geo-Grid in Mountainous terrain.
- Visual observation of highly technological excavation equipment for mountainous work.
- Upstream and downstream side visit at Tehri Dam, Uttarakhand
- Visual Observation of 2 different vertical as well as inclined Spillways.
- Detail discussion with Mr. Manbeer Negi about History, construction of Dam, Material used, River & reservoir details, future plans & other technical specification.

❖ **Outcome:**

- The students were able to drive the theoretical concept of hydraulic engineering,
- The students learned the geology parameter which is important for construction of Earthen dam
- Students come to know about construction advancement techniques used in Tehri Dam.
- The students develop the idea of Minor work and precaution required while taking up the massive projects like Tehri Dam.

At this moment Whole department faculties, Head, Prof. Vimal Patel, Principal Dr. S. B. Jadeja and other delegates are congratulating for this achievement.

**“Slope stability work of Himalayan Mountainous terrain
using Geo Grid”**



“The Giant top view of India’s Highest Earthen Dam - Tehri Dam, Uttarakhand”

“Tehri Dam Technical sharing session with Mr. Manbeer Negi sir”



“Students group photo with one of the Tallest dam in the world – Tehri Dam visit ”