

The visit of **Wadia Institute of Himalayan Geology,**

**Dehradun** which is the 1<sup>st</sup> autonomous research institute for the study of Geology of the Himalaya under the Department of Science and Technology, Ministry of Science and Technology, Govt. of India by the Students of Civil Engineering department, B.H.Gardi College of Engineering and Technology, Rajkot was successfully planned and executed by Prof. Lekhank Bhuva, Prof. Kajal Dudhatra and Prof. Jay Kapadia on 09/10/2018 under guidance of Prof. Vimal Patel

The total **39 students** had actively participated in this visit to get fruitful knowledge about earthquake and geophysical problem at Himalaya.

#### ❖ **Laboratory visit:**

- Students had visited the **Earthquake laboratory** in which the study of earthquake & movement of the different mountainous region of Himalayas has taken into the part of the research.
- Visual observation of real time 20 station Earthquake data.
- Students has visited the **S.P. Nautiyal Museum** for different geological samples of Himalayan rocks & other material.
- Students had also visited the **Remote sensing Laboratory** in which the study of Himalayan surface movement, prediction of land sliding and other earth activities are observing using remote sensing techniques.
- Detail discussion with Dr. Sushil Kumar about Earthquake and other geophysics topic was too much helpful to improve the knowledge of the students.

#### ❖ **Outcome:**

- The students were able to Co-relate the earthquake theoretical concept with actual earthquake conditions & parameters.
- The students learned the geology parameter like earthquake forces which is important for design of different types of dam.

- Students come to know about the different applications of remote sensing like prediction of land sliding, earth movement in this Fast and computerized world.
- The students develop the idea of Minor work and precaution required while taking up the massive projects and structures.

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

**“Glimpse of technical visit of S.P. Nautiyal Museum,  
WIHG, Dehradun”**



**“Fruitful discussion about Earthquake science with Dr Sushil Kumar”**

**“Technical Discussion about Advanced technology in remote sensing”**

**“Vote of thanks to Dr Sushil Kumar by Civil Dept., BHGCET”**

**“Students Group photo at Wadia institute of Himalayan Geology, Dehradun”**