



Gyanmanjari Institute of Technology
Sidsar Road, Bhavnagar.

Department of Civil Engineering

An Industrial Visit to NHSRCL LAB

23RD April, 2022

Gyanmanjari Institute of Technology

Coordinator:
Prof.Vimal Jogi



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Acknowledgement

We are thankful to our honorable Principal, **Dr. H. M. Nimbark** and Head of the **Department Dr. V.D. Ujeniya** and our faculties who have fulfilled the need of Industrial visit to “**the National High Speed Rail Corporation Limited a Geotech laboratory**” and “**Sardar sarovar dam**” for the students of Gyanmanjari Institute of Technology.

We are thankful to **NHSRCL GEOTECH LABORATRY**, for sharing the information about Geotech and its need and also to allow us to have a visit to well-known laboratory



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Information

First of all, **Dr. V.D. Ujeniya informed students** the importance of industrial visit and how it can be helpful to gain technical knowledge. **Prof. Ravi Sachapara and Prof. Vimal Jogi were there as a responsible faculty** to impart their knowledge to the students.

The laboratory is considered as Asia's biggest Geotechnical Laboratory and has generated employment for an about 900 (500 at field and 400 at laboratories) persons including Engineers, Technician and skilled laborers. This lab is equipped with the state-of-the-art investigation equipment. The facility can conduct 3500 tests per day through 20 geotechnical engineers and 188 lab technicians.

During the training, the students were familiarized with the instruments being used for various geotechnical investigations. Besides lectures, field tests like Plate Load test, Pile load test to determine the soil characteristics through laboratory testing are also demonstrated. First batch of 35 students from Sardar Vallabh Bhai National Institute of Technology (SVNIT) Surat have already received training in this facility.

Then After Visit to Sardar sarovar dam was conducted in which all the information regarding the dam its infrastructural facilities and technical components were assisted. The visit was for 2 days so students were allowed to stay in hotel near the Baroda city. Along with technical knowledge students had lot of fun and good interaction with faculties too. They also gained the managerial skills from the trip.



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Snaps of VISIT





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