



DEPARTMENT OF CIVIL ENGINEERING

**A Report on Industrial Site Visit at Unique Engineering Testing
& Advisory Services on 27-12-2019**



For

Diploma 4th Semester

Organized by

CIVIL ENGINEERING DEPARTMENT



छोटुभाई गोपालभाई पटेल प्रौद्योगिकी संस्थान, वारडोली
Chhotubhai Gopalbhai Patel Institute of Technology, Bardoli

**CHHOTUBHAI GOPALBHAII PATEL INSTITUTE OF
TECHNOLOGY, UKA TARSADIA UNIVERSITY**



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Construction site visit is highly needed to enhance students' understanding about real construction practices. It creates an interactive learning environment for students and provide comprehensive field experience of a construction project. Through site visit, students are acquainted about application of current technologies and knowledge.

The department has arranged a site visit at Gujarat Energy Transmission Corporation Limited, Tarsadia for 4th semester diploma students. This visit was planned as a part of curriculum requirement of the subject "Soil Mechanics". It was organized with the prior permission and guidance of respected Director Dr. Rajkumar V. Patil and Dr. Manoj J. Gundalia, Head, Department of Civil Engineering.

Schedule of Visit:

Time		Description
10:30		Gathered at location of lab
10:30	11:00	Mr. Hitesh Desai introduce behaviour of soil.
11:00	01:30	Mr. Hardik Sanchania has performed various test of soil.
01:30	01:45	Group photo
01:45		Dispersed from the location of lab

Total no. of students: 23 (Diploma 4th Semester)

Faculty Organizer: Ms Bijal Chaudhri

Faculty Co-ordinator: Ms Kinjal Mistry

Detail of visit:

Mr. Hitesh Desai had explained importance of studying soil behaviour in the field of civil engineering. He had also explained different types of soil and their characteristics. After that Mr. Hardik Sanchania had performed various test such as determination of liquid limit, plastic limit and shrinkage limit, CBR test and unconfined shear test. Through this test, he discussed applicability of test result for designing the different type of foundation.

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About the lab:

It is a group of highly qualified, experienced and established people working in field the of Soil Investigation, Foundation Design, Civil Engineering Material Testing, Project Management Consultancy, Third Party Inspection & Design consultancy work for infrastructure projects. Established in 1984, M/s Unique Engineering Testing & Advisory Services started with soil investigation activity and later diversified in the field of civil engineering material testing, land survey, third party inspection & design consultancy. From 1999, land survey business carries out under the name of M/s Unique Surveys.

Photo gallery:



Interactive session regarding soil properties by Er. Hitesh Desai

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Lab in charge explain liquid limit test



Expert explain test

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Group photo