

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**GIDC DEGREE ENGINEERING COLLEGE, NAVSARI (110)**



**REPORT OF SITE VISIT**  
**Academic Year 2016-17**

**Program was scheduled as per the given details**

- **Topic** : Site & Lab Visit for Students
- **Department** : Civil Engg.
- **Venue** : M/s Unique Engineering Testing & Advisory Services, Udhna
- **Student Class** : B.E. 4<sup>th</sup> Year 8<sup>th</sup> Sem Civil
- **No of Students** : 51
- **Concern Subject** : Foundation Engineering (2180609)
- **Program Schedule** :

DATE	VENUE	MANAGED BY
07/04/2017	Site & Lab visit for Students at M/s Unique Engineering Testing & Advisory Services, Udhna	Prof. Mittal Mistry, Asst. Prof., CED, GDEC Prof. Jaldip Patel, Asst. Prof CED, GDEC Ms. Anita Patel, Lab. Asst. CED, GDEC

**MOMs :**

◆ **Total 51 students, two Faculty members and one lab assistant visited M/s Unique Engineering Testing & Advisory Services, Udhna, as per scheduled given by concerned authority.**

◆ **After reporting at the lab all the formalities and required passes were made available from the concern authorities. Two authorised staff members and five masons were allotted for test set up on the site located nearby lab.**

◆ **Mr. Hitesh Desai (M.D. M/s Unique Engineering Testing & Advisory Services) shown his positive response and allow students to enhance knowledge. He has explained about how test like SPT, SCPT, DCPT, PLT is conduct and managed on the field. All technical and non technical aspects are explained by him.**

◆ **After conducting field tests, in laboratory Triaxial test (CU condition) was performed on the soil sample collected by SPT on field. Mr. Hitesh Desai has explained how all practicals are correlated with each other and explained about all step by step procedure from soil sample collection from site to report formation.**

- **M/s Unique Development:**

M/s Unique Engineering Testing & Advisory Services introduce as 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.



➤ **Standard Penetration Test (SPT) Conducted At Site Nearby M/S. Unique Engineering Testing & Advisory Services**



➤ **Demonstration of Plate Load Test (PLT) At M/S. Unique Engineering Testing & Advisory Services**



- **Static Cone Penetration Test (SCPT) At M/S. Unique Engineering Testing & Advisory Services**



➤ **Dynamic Cone Penetration Test (DCPT) At M/S. Unique Engineering Testing & Advisory Services**



➤ **Triaxial Test (CU Condition) At M/S. Unique Engineering Testing & Advisory Services**





**Prepared By:**

**Prof. Mittal Mistry  
Asst. Prof.,  
Civil Engg. Dept.,  
GDEC, Abrama  
Navsari-396406**