

# SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

## CIVIL ENGINEERING DEPARTMENT

Silver Oak Group of Institutes had organized a “One-day workshop for Diploma Civil Engineering students with hands on software session and practical exposure.

<b>Topic</b>	: ETags Software, Direct Shear Test and Slump Test : Practical
<b>Date</b>	: 13-04-2018
<b>Timings</b>	: 10:00 a.m. to 2:30 p.m.
<b>Nos. of faculties involved</b>	: 8
<b>Nos. of Participants</b>	: 25
<b>Session Conducted by</b>	: A/P. Ninaad Athalye, A/P. Mrunalini Rana, A/P. Aadil Mansuri , Lect. Madhav Bhatt, A/Prof. Aakash Desai, A/Prof. Nikhil Tolwani, Lect. Amita Shah & Lect. Reecha Panchal
<b>Location</b>	: Silver Oak Campus

### **Introduction:**

Civil Engineering is one of the broadest and oldest branch which deals with the designing and building of infrastructures. With the latest development in technology, there are numerous software taking care of planning, designing, and estimation of various constructional activities. Looking to the current trend a “One Day Free Workshop” was conducted by trained faculties at our institute who gave a demo on ETABS and other software. ETABS is the abbreviation of “Extended3D Analysis of Building System” which deals with analysis and designing of structure.

With the boom of infrastructural growth across the globe, we have arranged to take up various experimentation's on importance of soil properties like soil liquefaction, Highway Engineering & Concrete Technology which will highlight the importance of properties and behavior of various materials used in activities like construction of building, roads networks, tunnel, dams, canals, industries etc.

## PHOTOGRAPHS



E Tabs Software Session



Direct Shear Test and Liquefaction Model explanation by faculties



Demo of Universal Testing Machine and Hands on practical on Slump Test



Diploma Students with their faculties