

Aditya silver oak Institute of Technology
Department of Civil Engineering

Name of the Club: Silver Maple Club			
Title of the Activity: Expert lecture on Explanation of basic fundamentals how tables and charts are developed in design aid SP 16.			
Coordinator: Civil Department ASOIT			
Venue:	Newton Hall	Date:	24-08-2018

Objective: To understand the different techniques of software based analysis of structures.

Expert or Guest Profile (In Detail): Mr. Manish Sheth, Director of TRIDENT REALTORS PVT LTD. Served a period of 12 years as a developer and self-project structural designer. He developed educational civil engineering software for students Related to R.C analysis and design, with a motive to share knowledge with students.

He also creates several link, to give an idea about the analyzing and designing the Structures components.

No. of Participants: 55 No. Students

Outcome: Students get technical knowledge of of Sp 16 and how to analysis the different component of building using Sp 16

Department of Civil Engineering of Aditya Silver Oak of Institute has arranged an Expert session for the students of SOGI

Topic of expert session Explanation of basic fundamentals how tables and charts are developed in design aid Sp 16. For elements

- 1) R.C slabs
- 2) R.C beams
- 3) R.C doubly reinforced beams
- 4) R.C t-beams
- 5) p-m diagram for columns in compression with moment
- 6) p-m diagram for circular section column with moment
- 7) p-m diagram for column in tension with moment
- 8) Development of shear stress table
- 9) Find spacing of stirrups
- 10) Development length

This session will almost cover the whole design aid SP 16. This will help our student to get real analysis part of their structure related subjects in deep. Also their knowledge will be furnished as per the industrial needs.

This expert session is for students of 5th and 7th semester of both college on 24th August 2018.

After the Session Expert has given CD which emulates the software to analysis the RC beams.

Photographs



