

Report on Skill Enhancement Program

Topic: Skill Enhancement Program: "Analysis and Design of High Rise building and Bridges using SOFiSTiK software"

Date: 27th March, 2023

Time: 10.30AM to 5.30PM

Venue: S5 330 Lab GSET

Event Summary

Structural Engineering department of GTU-GSET has organized hands on training program on design of high rise structures and design of bridges using SOFiSTiK software by the expert Mr. Shishir Kumar Regional Manager at SOFiSTiK AG and Mr. Sujit Matale Regional Technical Head at SOFiSTiK AG. This skill enhancement program was coordinated by Dr. Apurva Dave Assistant Professor, ME-Civil (Structure.Eng), GTU-GSET.

About SOFiSTiK software:

SOFiSTiK is Europe's leading manufacturer of construction software for analysis, design, and detailing. The software can be used for bridge design, building design, steel design, tunneling reliability analysis etc.

Glimpse of Event



Topics covered are as:

- To understand the importance of software in the field of structure engineering.
- Hand-on session for Design of High Rise structure for the subject-code (3722018).
- Hand-on session for Design of Bridge structure for the subject-code (3722021).
- To make you competent and confident as per the requirement of industry/field.

The SOFiSTiK software company has provided 30 license of full version software for the period of one month for the ME (Structure.Eng) students and faculties. So that students and faculties can take maximum advantage in learning and make themselves confident to understand usefulness of the software. Also experts have shown various self-learning links provided by the company so students can explore it at his/her convenient time. Both experts were alumni of IIT with structure engineering background, they covered all the relevant topics of theory part also. The Hands-on session split into two parts: Pre-Lunch session and post lunch session. In the morning the session started at 9.45am. The experts have shown all the features as well as conducted hands-on sessions for the Design of bridge and Design of High rise structure. They make students aware about the importance of software in the domain of structural engineering.

Session was attended by 22 students of ME Structural Engineering, GSET. The session was successfully concluded with special vote of thanks from Dr. Apurva Dave under the esteemed guidance of Prof. (Dr) J. A. Amin, Programme Coordinator, ME-Civil (Structure.Eng), GTU-GSET and the direction of Prof. (Dr) S. D. Panchal - Director GTU-GSET.