STAAD. Pro Training Curriculum

Description

STAAD.Pro is the professional's choice for steel, concrete, timber, aluminum and cold-formed steel design of low and high-rise buildings, culverts, petrochemical plants, tunnels, bridges, piles and much more! The versatility of STAAD Pro makes it the choice of most leading engineering consultancies, and design and construction professionals. STAAD Pro features a state-of-the-art user interface, visualization tools, powerful analysis and design engine with advanced finite element and dynamic capabilities.

STAAD stands for Structural Analysis And Design. It is one of the software applications created to help structural engineers automate their tasks, to remove the tedious and long procedures of the manual methods. STAAD Pro training provides an overall look over STAAD Pro. It covers the steps to be followed to produce the structural analysis and design of concrete and steel. This STAAD Pro course also focus on the different results generated from the program, and how to read them, view them, and finally generate the necessary reports from them

This course is designed for engineers dealing with structure analysis and design.

Prerequisite

Aspirants should posses basic operational knowledge of computers. Familiarity with windows application is recommended..

Course Duration :- 109 Hrs

Training Contents :-

Structural Engineering concepts
Classification of structures
Overview of structural analysis and design
About Staad.Pro interface
Unit Systems
Structure Geometry and Coordinate Systems
Generation of Joints and Members
Advanced modeling methods – Joints and members
Assigning material constants, member

properties,
Defining loads to structural elements
Types of Analysis
Methods of Analysis
Performing analysis of structure
Generating preprocessor, post processor information
Generating statistical report
Introduction to Finite Elements in Engineering
Defining elements in structure
Assigning element properties
Element creation using Staad.Pro Editor
Defining loads for elements
Introduction to design principles in practice
Performing R.C. Design on structure
Design on Columns, beams and slabs
Performing steel design on structure
Steel optimization method in design
Performing component design for structures
Exporting and importing file to AutoCAD
Custom animation of structural geometry
Customizing and configuring Staad.Pro

For further Information/Free Demo please SMS(Course)/Call at the under-given numbers :-

Kalkaji	: 9311002620
South Ex	: 9311149666
Noida	: 9310254311
Gurgaon	: 9310806006
Tagore Garden	: 9311306006
Pitampura	: 9311962325
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