STAAD PRO V8i Training Schedule

Timings: 8:00pm – 9:00pm **Duration 20-25 days**

- **Introduction to Staad Pro**
  - Introduction to Staad Pro
  - Use of Staad Pro and Staad Foundation
  - Workflow for Analysis Design and Detailing
- **Getting Started with Staad Pro V8i SS6**
  - Setting Up Configuration
  - Starting a New Project
  - Menu Bar
  - Toolbar and Main Window
  - Page Setup Controls
  - Mode of Operation
- **Modelling Methods**
  - Coordinate system
  - Grid Method/Snap
  - Copy, Move, Mirror, Rotate
  - Staad Editor
  - Structure Wizard, and many more
- **Understanding the Views in STAAD Pro**
- **Analysis of a RCC Beam**
  - Introduction
  - Defining the Nodes
  - Understanding the Views in STAAD Pro
  - Defining the Beam Section
  - Assigning the Beam Section
  - Assigning the Beam Supports
  - Defining and Assigning the Loads
  - Analysing the Beam
  - Post Processing Mode Introduction
  - Getting the Support Reactions
  - Displaying the Moment Diagram
  - Displaying the Shear Force Diagram
  - Displaying the Deflection of a Beam
  - Animation and Report Generation

- **Analysis of a 2D Frame***
- **Analysis and Design of a 3D Frame***
- **Exploring the Staad pro Tools**
    - Move Tool
    - Rotate Tool
    - Mirror Tool
    - View Options in STAAD Pro
    - 3D Rendering Option
    - Add Nodes in Beams
    - Various Beam Adding Options
    - Translational Repeat
    - Circular Repeat
    - View Individual Floors Separately
    - Define a New Material
    - Access Steel and Wood Database
- **Using Structure Wizard***
- **Moment Releases and member Offset***
- **Read the Architectural drawing**
    - Flow Map of a Project
    - Reading the elevations
    - Reading the Floor Plans
    - Understanding the Grid Lines
    - Reading the Sections
- **Modelling of the Building***
- **Preliminary Design of Slab Beam and Column***
- **Assigning the section properties***
- **Introduction to IS 1893: 2002/2016***
- **Calculation Of the staircase load***
- **Application of the wall load***
- **Application of the floor load***
- **Application of Staircase load***
- **Application of the Staircase load***
- **Application of Seismic Weight***
- **Error Correction in Staad Pro***
- **Making Load Combination***

- **Designing of structure Member***
- **Advance RC Designer***
- **Detailing of column Longitudinal Rebar's***
- **Detailing of column lateral ties***
- **Detailing of Beam Longitudinal Bars***
- **Detailing of Beam Stirrups***
- **Response Spectrum Analysis***
- **Design Excel Sheets**
- **Sample Drawings for Practice**

***There will be much more sections divided into the above syllabus which will be told in Live Session**

The session will be conducted on YouTube Live

FloorPlan Hub

The Links for the live session will be shared to your Whats app number and Group so make sure to join our group

Do Subscribe our YouTube Channel
FloorPlan Hub

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