



Since 1987

إسمر جدير بالثقة

STAAD Pro

STAAD Pro analysis and design software package for structural engineering, used in performing the analysis and design of a wide variety of types of structures.

STAAD Pro is a user friendly package and graphical user interface of STAAD is very wonderful. Learning it will involve some steps. In STAAD Pro we can analyze the structures in 2D and 3D, for the convenience of modeling and defining the structure for analysis, STAAD uses different templates for 2D and 3D structures.



Syllabus of STAAD. Pro V8i

STAAD Pro is the best and most professional software for steel, concrete, timber, aluminum and cold-formed steel design. STAAD Pro is a user friendly package and graphical user interface of STAAD is very wonderful.

Course Outline:

- Introduction to STRUCTURAL ENGINEERING
- Introduction to STAAD.Pro.V8i
- Getting familiar with STAAD window
- Model generation using STAAD editor
- Introduction to Snap Node/Beam Editor
- Model generation using Node/Beam Editor
- Introduction to Translational Repeat
- Model generation using Translational Repeat
- Assigning Properties
- Assigning Supports
- Assigning Loads
- Structure Analysis
- Simply Supported Beam
- Analysis of Framed Structure
- Applying Floor Loads
- Wind Analysis
- Seismic Analysis
- Creating Load Combinations
- Dynamic Analysis
- Response Spectrum Analysis
- Introduction to FEM
- Analysis of Framed Structure Including Slabs
- Column & Beam Design
- Reinforced Concrete Design
- Slab Design
- Circular Water Tank Design
- Rectangular Water Tank Design
- Moving Loads
- Staircase Analysis
- Steel Design
- Pushover Analysis
- Shear Wall Design
- Lift Room Modeling
- Transmission Line Tower

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