STAAD Pro. Training on Practical Structural Design G+9 Building & Warehouse Steel Structure with 5 tons EOT crane:

Syllabus

- Overview of Structural Analysis and Design
- Introduction to STAAD Pro. V8i
- Getting Familiar with STAAD Pro. Workspace
- Staad Editor
- GUI
- Structure Wizard
- Creating a New Project and Units
- Global Coordinate System Vs. Local Coordinate
- Beta Angle
- Introduction to File, Edit, View, Selection, Geometry, Commands, Analyze, Mode
- Introduction to SnapNode/Beam
- Insert Node and Add Beam
- Translational Repeat
- Circular Repeat
- Move
- Rotate
- Mirror
- Member Offset
- Connect Beam Along
- Intersect, Merge, Break, Splits, Renumber and Stretch selected members
- Introduction to Setup, Geometry, General, Analysis/Print and Design
- Assigning Properties
- Assigning Supports
- Group Specification
- Assigning Load
- Structure Analysis
- Material Specification
- Loading
  - Self weight
  - Nodal Load
  - Member Load

- Area Load
- Floor Load
- Wind Load
- Moving Load
- Reference Load
- Plate Load
- Seismic Load
- Automatic Load Combination

➢ Introduction to Analysis
➢ Perform Analysis
➢ Overview of Output Page
➢ Pre-analysis and Post-analysis Print
➢ Inactive/Delete Specification
➢ General Guideline for Design
➢ Column and Beam Design
➢ Reinforced Concrete Design
   G+9 Building with Response Spectrum Analysis.
➢ Warehouse steel sturcutre design with 5 tons EOT crane.

Duration: - 1 month total, every alternate day 1 hr class.(Total 35 hrs, in which training will be 25 hrs, self-practice 10 hrs)

FEES: - Rs.15000/- or 215 $ with 2 instalments in every 10 days once.

Thank you