Syllabus of STAAD. Pro V8i

1.0 Introduction to STAAD.Pro V8i SS6

• What is STAAD.Pro V8i

• Why, Where & Who Can use STAAD.Pro

• Overview of Structural Analysis and Design

• Co-ordinate Systems

2.0 Model Generation and Editing

• Creating Nodes

• Creating Members

• Model Generation

• Assigning supports

• Assigning Property

• Loading in STAAD

• Creating Models by using Structure Wizard

• Assigning supports from Home Page

• Assigning supports in Home Page

• Model Editing Tools

• Translational Repeat, Circular Repeat

3.0 Introduction to Loading

• Creating Loads

• Adding Self weight

• Member Loading

• Perform Analysis

• Pre-analysis Print

• Post-analysis

4.0 Load generation

- Dead, Live, Dynamic Loads
- Area Load
- Floor Load
- Load Combinations

5.0 Concrete Design

- Introduction to Concrete Design
- Adding Parameters
- Column and Beam Design
- Continuous Beam analysis and design

6.0 Steel Design

- Introduction
- Steel Structure Design
- Water tank Tower

7.0 Report Generation

- Importing CAD Models
- Report Setup
- Plotting from STAAD.Pro
- Final Report
- Print Out