

Courses Details for STADD Pro

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.

STADD Pro

Essential

[Normal Track - \(2 Months\) or Fast Track - \(1Month\)](#)

- Classification of Structures
- Structure Geometry and Coordinate system
- How to generate Joints and Members
- How to assign Structural Boundary Conditions
- Grouping and Renumbering of Joint and Member Numbers
- How to Generate Loads and Load Combinations
- Linear Static Analysis
- Finite Element information
- How to Generate Elements and Element Mesh
- Report Generation
- Print Specifications
- R.C.C. Design as per IS456. (Beams, Column and Slabs)
- Steel Design as per IS800
- Interactive Design Methods
- Data exchange
- Project

Advance

- Isolated footing Design
- Mat Foundation Design
- Pile Cap Design
- Combined Footing Design
- Strip Footing Design
- Retaining Wall Design
- One Way and Two Way Slab Design
- Analyse and Design of Sear Bolt Group
- Analyse and Design of Moment Bolt Group
- Stair Case Design
- Seismic Analysis
- Dynamic Analysis
- Pushover Analysis

Weekdays : Monday – Friday (2 hours)

Weekends : Saturday & Sunday (3 hours)