



# STAADPro



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## Course Overview:

STAAD is the abbreviation for Structural Analysis and Design Program. STAAD.Pro is one of the popular software packages that is used for analysing and designing structures like buildings, towers, bridges, industrial and utility structures. STAAD.Pro Connect Edition includes a new Physical Modeling Workflow that enables designers to quickly and accurately model structural elements (such as girders, multi-story columns, and slabs/walls) as they will be physically constructed



**Course Duration:**  
**45 Hours**

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### Course Pre-requisites:

- Working knowledge of the Windows operating system and CAD Software
- Good command of numerical analysis

### Course Attendees:

- Structural Engineers
- Civil Engineers
- Any one who is willing to learn structural engineering

### Course Units:

- Introduction to STAAD.Pro® V8i
- Model Generation and Editing
- Introduction to Loading
- Automatic Load Generation
- Concrete Design
- Seismology
- FEM / FEA
- Steel Design
- Report Generation
- Foundation Design

### Course Grading:

Pass / Fail

