

# TECH PRACTICAL

Learn From Professionals...



## STAAD PRO CONNECT (MASTER)

@ TECH PRACTICAL

STAAD PRO CONNECT is the most popular software used for Structural Analysis and Design worldwide. It covers building codes and standards of almost all country's and the interface is not only user-friendly but also easy to understand. Knowledge of STAAD PRO is must to be a Structural Engineer. We at TECH PRACTICAL have highly experienced structural engineers who are passionate to share their experiences and train civil engineers who are willing to build their career as a Structural Engineer. Our conceptual learning will not only help in getting software knowledge but also a JOB as design engineer.



## Our Promise:



AUTHORISED  
CERTIFICATE  
FROM BENTLEY



FREE LICENSED  
SOFTWARE  
DURING TRAINING



LIVE PROJECTS



ONLINE &  
OFFLINE COURSE



CONCEPTUAL  
TRAINING



100% JOB  
ASSISTANCE

TRAINER:- VYANKATESH MOR (AMIE, CHARTERED ENGG)

VISIT US; [WWW.TECHPRACTICAL.IN](http://WWW.TECHPRACTICAL.IN)

CONTACT ON +919960820899 [contact@techpractical.in](mailto:contact@techpractical.in)

## STAAD PRO CONNECT - MASTER COURSE

### INTRODUCTION TO STRUCTURAL ENGINEERING

- Concept of Structural Design.
- Basic definitions in Structural Engineering.
- Solving SFD & BMD.

### INTRODUCTION TO STAAD PRO

- Screen Organization.
- Coordinate systems.
- Menu bars, Tool bars, etc.
- Staad editor.

### GEOMETRY GENERATION & SPECIFICATIONS

- Tools and Commands Used in Geometry Generations.
- Import of DXF File, etc.
- Property, Support, Specification pages, etc.

### ASSIGNING LOADS AS PER IS CODE

- IS Code references for various loads.
- Gravity Loads: Dead Load, Live Load
- Wind Load as per IS Code.
- Seismic Load as per IS Code.

• ONLINE & OFFLINE  
• LIVE PROJECTS  
• CERTIFICATE FORM BENTLEY

## STAAD PRO CONNECT - MASTER COURSE

### LIVE PROJECT-1 ON RCC BUILDING

- Structural Planning and conceptual thinking.
- Load and Design Parameter as per IS Code.
- Seismic Analysis as per Joint Weight Method.

### LIVE PROJECT-2 ON RCC BUILDING

- Structural Planning and conceptual thinking.
- Load and Design Parameter as per IS Code.
- Response Spectrum Analysis of RCC Building.

### INTRODUCTION TO STEEL STRUCTURES

- Basic Definitions in Steel Structures.
- Types of Steel Structures.
- Types of Connections.

### LIVE PROJECT-3 ON STEEL STRUCTURE

- Industrial Shed in Steel.
- Wind Load as per IS Code.
- Concept of Bracing Patterns.
- Steel Design Parameters.

- 100% JOB ASSISTANCE
- FREE LICENSED SOFTWARE DURING TRAINING
- CONCEPTUAL TRAINING

## STAAD PRO CONNECT - MASTER COURSE

### LIVE PROJECT-4 ON STEEL STRUCTURE

- Industrial Shed with All Sides cladded.
- Wind load as per IS Code.
- Concept of Bracing Patterns.
- Steel Design Parameters.

### LIVE PROJECT-5 ON STEEL STRUCTURE

- Industrial Steel Building with Staircase loading.
- Seismic load as per IS Code for different Flooring on building.
- Steel Design Parameters for Building.

### FINITE ELEMENT ANALYSIS

- Plate Elements modelling.
- Analysis of Elevated Water Tank, Underground Water tank.
- Analysis of Staircase, Slab elements, etc..

### STAAD FOUNDATION

- Foundation Analysis and Design as per IS Code.
- Importing Staad Models.
- Drawing Generation & Design Calculation.

• INTERVIEW CRAKING SKILLS • RESUME BUILDING • INTERNSHIP

## COURSE DETAILS



### STAAD PRO CONNECT

REGULAR COURSE

Course Duration: 40hrs (25 to 30 days)  
Mode: Online and Offline  
Batches: Weekdays (or) Weekend available



### STAAD PRO CONNECT

MASTER COURSE

Course Duration: 55hrs (35 to 40 days)  
Mode: Online and Offline  
Batches: Weekdays (or) Weekend available




### STAAD PRO CONNECT


STEEL EXPERT COURSE

Course Duration: 25hrs (20 days)  
Mode: Online and Offline  
Batches: Weekdays (or) Weekend available

- ✓ GROUP DISCOUNTS AVAILABLE
- ✓ COLLEGE SEMINAR, CRASH COURSES can be arranged
- ✓ CONCEPTUAL TRAINING
- ✓ AUTHORISED CERTIFICATE FROM BENTLEY
- ✓ FREE LICENSED SOFTWARE DURING TRAINING
- ✓ LIVE PROJECTS
- ✓ 100% JOB ASSISTANCE

 Trainer: Vyankatesh Mor (AMIE, Chartered Engineer)

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