TCA
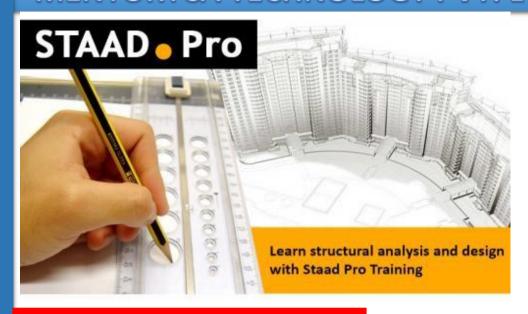## TRAINING & DEVELOPMENT

MENTORTCA TECHNOLOGY PVT. LTD.

ADDRESS:

Head Office:
M-12, OLD DLF Colony, Sec-14, Gurugram – 122001 (Haryana)

Branch Office:
Building No – 578/2, Gopal Nagar, Near Auto Stand, Beside OBC Bank New Railway Road Gurugram

📞 **Contact**
9911459630
7827180534

STAAD. Pro

Learn structural analysis and design with Staad Pro Training

STAADPRO INTERFACE

BENDING MOMENTS

SHEAR STREES & BINDING

FOUNDATION DESIGN

RCC DESIGN

Introduction to Staad Pro

- Project Workspace
- Staad Pro Interface
- Nodes/Beams/Types Of Cursors
- Staad Pro Coordinates System
- Coordinate System Of Staad Vs Conventional
- Geometry Creation Methods
- Section Properties
- Support Assignment
- Assignment Methods
- Labels
- Short Key Commands
- Continuous Beam Loadings
- Analysis

Introduction to Bending Moments, Shearforce, Torsion, Axial Load

- Viewing The Results In Staad Pro
- Fundamentals
- Geometry Creation Using Coordinates Input
- Geometry Creation Using Run Structure Wizard
- Geometry Modification Tools
- Geometry Viewing And Others
- Fundamentals
- Section Properties
- Loadings
- Geometry Tools
- Member Loading Continued

Introduction to Shear Strees & Bending Stress

- Calculation Of Shear Stresses In Beamsshear Reinforcement
- Calculation Of Shear Reinfocement
- Understanding Stress Results In Staad Pro
- Scales Settings
- Creating 3d Structure
- Cut Sections/Plane
- Advance Geometry Tools
- Useful Commands
- Understanding Building Loads
- Calculating Building Loads

Introduction to Floor Load and Live Loads as Per Is 875-I & Ii

- Creation Of Primary Load Cases
- Load Combinations
- Enevelopes
- Load List Command
- Analysis/Print Commad
- Post Processing
- Understanding Staad Editor
- Geometry Verification

Introduction to RCC Design as Per Is 456:2000

- Member Specifications
- Plate & Surface Structures
- Combination Load Cases
- Plate Results
- Steel Modelling
- Steel Design

- Moving (Rolling) Loads

- Wind Design As Per Indian Standard Code

- Wind Analysis In Staad Pro Model

- Seismic Analysis Of Rcc Structures

Introduction to Foundation

- Foundation Design-I Using Staad Foundation

- Foundation Design-Ii Using Staad Foundation