

Syllabus of STAAD. Pro V8i

Day_1

Introduction to STRUCTURAL ENGINEERING
Introduction to STAAD.Pro.V8i
Getting familiar with STAAD window
Model generation using STAAD editor

Day_2

Introduction to Snap Node/Beam Editor
Model generation using Node/Beam Editor
Introduction to Translational Repeat
Model generation using Translational Repeat

Day-3

Assigning Properties
Assigning Supports
Assigning Loads
Structure Analysis

Day-4

Simply Supported Beam
Analysis of Framed Structure
Applying FloorLoads

CAD Academy.

Day-5

Wind Analysis
Seismic Analysis
Creating Load Combinations

Day-6

Dynamic Analysis
Response Spectrum Analysis
Introduction to FEM
Analysis of Framed Structure Including Slabs

Day-7

Column & Beam Design
Reinforced Concrete Design

Day-8

Slab Design
Circular Water Tank Design
Rectangular Water Tank Design
Moving Loads

Day-9

Staircase Analysis
Steel Design
Pushover Analysis

CAD Academy.

H.Office: 146 New Civic Centre, BHILAI-490006(INDIA)
Phone: +91 788 4062175, Toll Free: 18001211175,
email: nitin.pandya@cadacademycg.com

Day-10

Shear Wall Design
Lift Room Modeling

Day-11

Transmission Line Tower
Bridge Deck Design Using STAAD.Beava

CAD Academy.