

Summer School on **STAAD Pro & AutoCAD**

Week 1

Introduction of STAAD.Pro

- STAAD Software
- Starting STAAD Pro
- Creating New File
- Opening & closing of existing STAAD Profile
- Saving & Saving As

Week 2

Simulation of the structures, Building, water tank and bridge

- Snap node method
- Coordinate method
- Copy paste method

Week 3

- Analysis of a structure means to find out the reactions, displacements & deflections at various nodes of a structure.
- After analysis, able to see shear moment & deflection for each member.

Week 4

Introduction of Auto CAD

- Curves
- 3D modeling
- Multiple Lines

Week 5

- Geometric Shapes
- Isometric drawings
- Exercise Problems

Week 6

- Navigate AutoCAD Civil 3D user interface
- Create point groups and work with survey figures
- Create, edit and analyze surfaces

Duration- 6 Weeks(10th June-19th July 2019)