

# **EZ – STAAD Pro**

**Coordinates, Nodes, Beams, Translation Repeat, Labels, Full Section & Outline Command, Help, STAAD GUI**

**Views from different sides, Rotate, Zoom in-out**

**Dimension command, Input unit, Text, Member Property, Unit systems, Grid System**

**Select Menu, View Selected, Mirror, Renumbering, Circular Repeat Command**

**Member Property- Steel & RCC, Beta Angle, Assigning Methods, Different Pallets, Toolbar buttons**

**Create Groups, Select by Group Name, Other Select Commands**

**Cut section, Redefine Incidence, Intersect Selected members/ Intersect split beams**

**View Options, Tables, 3D Rendering**

**View Management, Keyboard shortcuts**

**Loading – Point loads, UDL, UVL, Floor Loads**

**Structure wizard, User tables, Section Wizard,**

**Offset**

**STAAD Editor in Details**

**Concepts of Global Axis, Local Axis**

**Support & Member specifications, Releases for Shear connections, Moment Connections, Bracings etc.**

**Checks for duplicate, orphan, multiple, warped plates etc.**

**Load combinations, Run analysis, Errors, Warnings, Notes**

**Output file, Post Processing mode, View value command**

**Results, Reports, Capture Images etc.**

**Steel Design Parameters - MAIN, LY, LZ, DJ1, DJ2, TRACK, UNL, KY, KZ etc.**

**RCC Design parameters- CLEAR, ELY, ELZ, FYMAIN, FYSEC, TRACK etc.**

**Interaction Ratios, Beam & Column Designs**

**Plate modelling, orientation of plate, generate plate mesh, Plate Loading, Hydrostatic loading, Pressure loading, Plate supports, Plate stresses, Base Pressure Diagrams, Reinforcement provision as per Moment & Shear Values**

**Effective lengths as per IS Code & Slenderness Ratios, Wind and Seismic Loading, RCC Detailing - Preliminary**