Advanced Revit Structure Course

Duration: 1½ Months

- Weekdays: 2hrs / 3 days
- Fastrack: 1½ hrs per Day
- Weekend: 2½ hrs (Sat & Sun)

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9911782350, 9811818122
The Revit Structure Building Information Model (BIM) consolidates a physical representation of the building completely joined with a definite representation. This general, computable building model is used for structural framework, drawing generation, and coordination and drives third-party structural examination applications. The application is best suitable for structural engineering firms, furnishing industry pertinent instruments for structural design and examination.

**Prerequisite to Join Revit Structure Course**
- Candidate should be (10+2) or equivalent thereto.
- Candidate should be proficient in using AutoCAD software.
- He or she should have prior experience of working on sites i.e. should have familiarity with foundation, concrete, cement, etc.

**Learning Outcomes of Revit Structure Course**
1. Introduction to Revit Structure
2. Workspace
3. Setting Up the Revit Project
   - Level Creation
   - Structure Views
   - View Template Creation
4. Grids and Columns
   - Adding Grids
   - Adding Steel Columns
   - Column Offsets
   - Column Schedule Creation
5. Foundations
   - Adding Foundation Walls
   - Wall Footings
   - Piers and Plasters
   - Isolated Footings
   - Shaft
   - Slabs
   - Tagging and Step Footings
   - Step Footing Family
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   - Step Footing Family
6. Steel Framing
   - Perimeter Beams
   - Working with Beam Systems
   - Beam Elevations
   - Joist Systems
   - L-shape winder
   - Tagging the Framings
7. Floors and Slabs
   - Creation of Slabs on Grade
   - Concrete Floors with Steel Decking
   - Slab Edges and Thinned Slabs
   - Working with Slabs Depressions
8. Reinforcing
   - Parallel to Face
   - Sketching Rebar
   - Area Reinforcing
   - View Settings
9. Steel Brace Frames
   - Brace Frame
   - Brace Frame Elevation
   - Brace Frame Gussets
   - Brace Frame Sheet Creation
10. Stairs, Rampes, and Slopes
    - Creating Stairs
    - Creating Ramps
    - Sloping Slabs
    - Sloping Framing
    - Pithing Floors to Structure
11. Detailing and Annotating
    - Sections and Callouts
    - Coping
    - Detail Components
    - Adding Text and Dimensions
12. Schedules and Tagging
    - Footing Schedules
    - Pier Schedules
    - Creation of Footing and Pier Tags
13. Trusses
    - Creation of Howe Trusses
    - Attaching Trusses to Roofs
    - Truss Materials
    - Detailing Trusses
14. Managing the Revit Project
15. Tests and Projects

Training Mode:
- Regular
- Fast-Track
- Weekends (Sat/Sun)
- Only Sundays
- Online

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Career Options:
- Revit Architecture Expert
- Revit Architectural Designer etc

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