

Post Graduate Program in Industrial Structures (Discontinued for sale)

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-----Start-----

Hi, thanks for showing interest in our Post Graduate Program in Industrial Structures. It was great talking to you. Here are the details regarding the course.

Duration of the course

Full Time : 12 Months

Part Time : 24 Months

In this program, you will learn the below course

1. Structural Stability for Lateral Forces
2. Design and Analysis of Pipe Rack Structures using STAAD.Pro
3. Analysis and Design of Industrial Structures using STAAD.Pro
4. Structural steel connections using RAM Connections
5. Design of Sheds with Gantry
6. Basic Structural Engineering Concepts of Industrial Structures
7. Structural Optimization of steel structures by Pre-Engineering
8. Structural Aspects of Foundation Design
9. Structural Analysis and Design using SAP 2000
10. Structural steel connection design
11. Structural Analysis and Design of Composite Structures using ETABS

Softwares

1. ETABS
2. ComFlor
3. STAAD.Pro
4. RAM Connections
5. SAP2000

Projects

1. Modeling of a closed pipe rack situated in Ahmedabad
2. Modeling of an open pipe rack situated in Chennai
3. Analysis and Design of a Braced (non-sway) Frame
4. Design and Analysis of Moment Resisting (sway) Frame
5. Develop GA Drawing of Platform/Steel Building
6. Develop GA Drawing of a Turbine Building
7. Single Span PEB Design using STAAD.Pro
8. Double Span PEB Design using STAAD
9. Design of Combined Foundation for a G+2 Building using STAAD.Pro
10. Design of Foundation for a G+4 Building using STAAD.Pro
11. Design of 3D Analysis Model for a Complex Industrial Structure using SAP2000 & Results Analysis using MS Excel
12. Quantifying Rebar and Concrete for a Concrete Structure

13. Proposed Coil Center (Industrial Building) with Crane Load at Chennai using STAAD. Pro
14. Proposed PEB warehouse (Industrial Building) at Coimbatore using STAAD. Pro
15. Design and Optimize Base Plate Connection
16. Design and Optimize Splice Plate Connection in RAM STAAD Connection software
17. Modeling of shelter using STAAD.Pro.
18. Modeling of a shelter in STAAD.Pro, using both truss and frame
19. Modeling, Analysis, & Design of Tall Buildings in ETABS
20. Modeling, Analysis & Design Of Composite Structures in ComFlor & ETABS

Demo videos

<https://youtu.be/eqo3AkIkOE8>

<https://youtu.be/UXFDqJLoZw4>

<https://youtu.be/c90GTzRU4ws>

Description of course content

<https://skill-lync.com/civil-engineering-courses/masters-certification-program-industrial-structures>

Success stories

Check out the Placements of our customers at [Skill Lync Success Stories.pdf](#) and also hear what they say about our courses at <http://bit.ly/skill-lync-google-reviews>. Visit the Project Portfolios of students placed in reputed companies after taking Skill-Lync courses-

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For more information, visit www.skill-lync.com

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