

TECHHUB SOLUTIONS

Computer Training Institute

16+ YEARS OF TRAINING EXCELLENCE

ETABS TRAINING COURSE

BEGINNER TO ADVANCED | PRACTICAL PROJECT-BASED TRAINING



ABOUT THE COURSE

ETABS Training Course at Techhub Solutions is designed to develop practical skills in structural modeling, analysis and design of multi-storey RCC buildings. The course covers essential ETABS workflows from basic modeling and loading to seismic, wind and RCC design with practical project-based learning.

COURSE MODULES

- | | | |
|----|----------------------------|--|
| 01 | STRUCTURAL MODELING | |
| 02 | LOAD & STRUCTURAL ANALYSIS | |
| 03 | SEISMIC & WIND ANALYSIS | |
| 04 | RCC & FOUNDATION DESIGN | |

TECHHUB SOLUTIONS

Computer Training Institute

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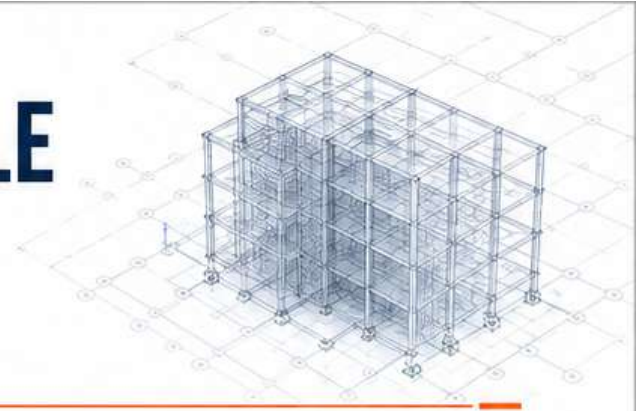
Techhub Solutions

Be Step Ahead In Your Field

ETABS COURSE MODULE

BEGINNER → ADVANCED

Structured practical training covering ETABS modeling, analysis and structural design workflows.



01

ETABS BASICS & STRUCTURAL MODELING

ETABS interface, project setup, units, grids and storeys, beams, columns, slabs, walls, supports, materials and section properties.

05

RCC BUILDING ANALYSIS & DESIGN

Complete analysis and design workflow for RCC beams, columns, slabs and shear walls of a multi-storey building.

02

LOAD DEFINITION & STRUCTURAL ANALYSIS

Dead Load, Live Load, Load Patterns, Load Cases, Load Combinations, Mass Source, load application and structural analysis.

06

SHEAR WALL & ADVANCED STRUCTURAL ELEMENTS

Shear wall modeling, properties, design parameters, wall forces, reinforcement and interpretation of design results.

03

SEISMIC ANALYSIS & DESIGN

Seismic parameters, modal analysis, Response Spectrum Analysis, seismic load combinations, base shear, story drift and storey displacement.

07

FOUNDATION DESIGN

Column reactions, critical load combinations, isolated footing design, foundation parameters and result interpretation.

04

WIND LOAD ANALYSIS & DESIGN

Wind load definition, load application, load combinations, structural response, displacement and interpretation of results.

08

COMPLETE MULTI-STOREY BUILDING PROJECT

Complete practical project from structural modeling and loading through seismic and wind analysis, RCC design, result checking and final documentation.



PRACTICAL PROJECT-BASED LEARNING

Model → Load → Analyse → Design → Check → Document