

ZENUS INFOTECH INDIA PVT. LTD.
CURRICULUM OF ETABS

Course Duration: 6/8 Weeks*

Chapter 1: Introduction to ETABS

Overview of ETABS
Getting Help
Templates and Defaults
Graphical User Interface
ETABS Screen Menus
Units System
Coordinate Systemes

Chapter 2: Modelling In ETABS

Starting a New Model
New Model Quick Templates
Grid System Data
Add Structural Objects
Edit Stories and Grid Systems
Add Grid at Selected Joints
Grid Options
Save the Model

Chapter 3: Editing Properties

Replicate
Extrude
Extrude Joints to Frames
Extrude Frame to Shells
Merge Joints
Align Joints/Frames/Edges
Move Joints/Frames/Shells
Edit Frames
Edit Shells

Chapter 4: Defining Properties

Material Properties
Section Properties
Load Patterns
Shell Uniform Load Sets
Load Cases
Load Combinations

Chapter 5: Structural Objects

Draw Grids

Draw Dimension Lines
Draw Joint Objects
Draw Beam/Column/Brace Objects
Draw Floor/Wall Objects
Draw Reference Points
Draw Reference Planes
Draw Wall Stacks

Chapter 6: Selection Properties

Select
Deselect
Invert Selection

Chapter 7: Assign

Joint
Frame
Shell
Joint Loads
Frame Loads
Shell Loads

Chapter 8: Design

Steel Frame Design
Concrete Frame Design
Composite Beam Design
Composite Column Design

Chapter 9: Detailing

Detailing Process
Edit Views
Create and Manage Drawing
Sheets

Chapter 10: Display & Generate Results

Obtain Basic Graphical Displays
Graphical Displays using Model
Explorer
Tabular Display of Results
Summary Report
Export Results

Office Address: S-11, Opposite BSNL Telephone exchange , Avas Vikas
Roorkee, Uttarakhand – 247667 | www.zenusinfotech.in | Ph No- 8218088730