

Serial No:	Day Wise Topic
<b>DAY : 1</b>	<b><u>INTRODUCTION TO ETAB</u></b> <ul style="list-style-type: none"> <li>• Basic Process ,Template and Defaults</li> <li>• ETabsinterface, MenuBar, Tool Bar</li> <li>• Model Explorer</li> <li>• Display Title Tab(Active)&amp;Display Title Tab(Inactive)</li> <li>• Status Bar, Drawing and Selection, Current units</li> <li>• Coordinate system&amp;Comparison of Coordinate system</li> </ul>
<b>DAY : 2</b>	<b><u>Create the Basic Grid System</u></b> <ul style="list-style-type: none"> <li>• Grid Dimensions (Plan)</li> <li>• Custom Grid Dimension(Plan)</li> <li>• Story Dimensions - Define Story Data</li> <li>• Custom Story Dimensions - Define Story Data</li> <li>• Add Structural Object with Prismatic Property</li> <li>• Types of Support               <ul style="list-style-type: none"> <li>✓ Fixed Support</li> <li>✓ Pinned Support</li> <li>✓ Roller Support</li> </ul> </li> <li>• Load Cases               <ul style="list-style-type: none"> <li>✓ Self-weight</li> <li>✓ Uniform Member Load(UDL)</li> </ul> </li> <li>• Analysis</li> </ul>
<b>DAY : 3</b>	<ul style="list-style-type: none"> <li>• <u>Verification of Result</u> <ul style="list-style-type: none"> <li>✓ <u>Bending Moment</u></li> <li>✓ <u>Shear</u></li> <li>✓ <u>Seeing the Values</u></li> </ul> </li> </ul> <b><u>Basic Modes</u></b> <ul style="list-style-type: none"> <li>• Select Mode ,Select,Deselect,Invert Selection</li> </ul> <b><u>Short Key Commands</u></b>
<b>DAY : 4</b>	<b><u>Draw Mode, Drawing Tools, Mouse Pointers</u></b> <ul style="list-style-type: none"> <li>• Draw Joint Objects</li> <li>• Draw Beam/Column/Brace Objects</li> <li>• Draw Beam/Column/Brace (Plan, Elevation, 3D)</li> <li>• Quick Draw Beams/Columns (Plan, Elevation, 3D)</li> <li>• Quick Draw Columns (Plan)</li> <li>• Quick Draw Secondary Beams (Plan)</li> <li>• Quick Draw Braces (Elevation)</li> <li>• UDL for a specific distance</li> <li>• Point Load</li> <li>• Result verification in deflection and torsion in secondary Beam</li> </ul>
<b>DAY : 5</b>	<b><u>Draw Floor/Wall Objects</u></b> <ul style="list-style-type: none"> <li>• Draw Floor/Wall (Plan, Elevation, 3D)</li> <li>• Draw Rectangular Floor/Wall (Plan, Elevation)</li> <li>• Quick Draw Floor/Wall (Plan, Elevation )</li> <li>• Draw Walls (Plan)&amp;Quick Draw Walls (Plan)</li> <li>• Draw Wall Openings (Plan, Elevation, 3D)</li> <li>• Assign of floor load for dead and live load</li> <li>• Yield line pattern and load distribution</li> </ul>
<b>DAY : 6</b>	<ul style="list-style-type: none"> <li>• Basic Calculation of dead and live load</li> <li>• Code References&amp;Dimension Lines</li> <li>• Reference Points&amp;Reference Planes</li> <li>• Section Cut</li> </ul>

<b>DAY : 7</b>	<ul style="list-style-type: none"> <li>• Developed Elevation Definition for wind</li> <li>• Wall Stacks (Plan, Elevation, 3D)</li> <li>• Auto Draw Cladding</li> <li>• Snap Options</li> </ul>
<b>DAY : 8</b>	<p><b><u>Calculation</u></b></p> <ul style="list-style-type: none"> <li>• Calculation of Dead Load</li> <li>• Live load calculation</li> <li>• Select a command from the Select menu</li> </ul> <p><b><u>Mouse Pointers</u></b></p> <ul style="list-style-type: none"> <li>• Normal Select Pointer</li> <li>• Alternate Select pointer.</li> </ul>
<b>DAY : 9</b>	<ul style="list-style-type: none"> <li>• Edit Story and Grid System</li> <li>• Tower</li> <li>• Define Properties</li> <li>• Material Properties</li> <li>• Frame Sections, SlabSection, DeckSection, Wall Section</li> <li>• Auto Select Section List</li> </ul>
<b>DAY : 10</b>	<p><b><u>Add Structural Objects Manually</u></b></p> <ul style="list-style-type: none"> <li>• Draw Columns, DrawBeams, Draw Secondary (Infill) Beams ,Draw the Floor</li> <li>• Draw Walls&amp;Draw Wall Stacks</li> <li>• Add Structural Objects Using Templates</li> <li>• Auto Draw Cladding</li> </ul>
<b>DAY : 11</b>	<p><b><u>Select Structural Objects:</u></b></p> <ul style="list-style-type: none"> <li>• Selecting Graphical Selection</li> <li>• Selecting by Coordinates</li> <li>• Select Command and Deselect Command</li> <li>• Invert Selection Command</li> <li>• Get Previous Selection Command</li> <li>• Clear Selection Command</li> </ul>
<b>DAY : 12</b>	<ul style="list-style-type: none"> <li>• Assign/Change Properties</li> <li>• Assign the AUTOLATBM Auto</li> <li>• Select Section List</li> <li>• Make an Assignment using</li> <li>• Check the Sections in an Auto Select</li> <li>• Frame auto Meshing</li> <li>• Frame Floor Meshing</li> <li>• Floor Auto Mesh</li> <li>• Wall Auto Mesh</li> </ul>
<b>DAY : 13</b>	<p><b><u>Edit the Model Geometry</u></b></p> <ul style="list-style-type: none"> <li>• Edit Stories, Edit Tower</li> <li>• Replicate</li> <li>• Edit Frame ,Divide Frame, join Frame</li> </ul>
<b>DAY : 14</b>	<ul style="list-style-type: none"> <li>• Reverse Frame Connectivity</li> <li>• Edit Shell, DivideShell, MergeShell, Shrink/Expand Shell</li> </ul>
<b>DAY : 15</b>	<p><b><u>For Viewing</u></b></p> <ul style="list-style-type: none"> <li>• Set 3d View</li> <li>• Set Elevation View</li> <li>• Set Building Limits</li> <li>• Zooming Option</li> <li>• Set grid System Visibility</li> <li>• Make selected object Visibility</li> <li>• Invert object Visibility</li> <li>• Show all object</li> </ul>
<b>DAY :16</b>	<p><b><u>Use full Commands</u></b></p> <ul style="list-style-type: none"> <li>• Arrange Window</li> <li>• Show Bounding Plane</li> </ul>

	<ul style="list-style-type: none"> <li>• Animation Sounds</li> <li>• Save User Defaults Setting</li> <li>• Customized Tools Bar</li> </ul>
<b>DAY : 17</b>	<b><u>Load the Structural Model</u></b> <ul style="list-style-type: none"> <li>• Structural Primary Loads</li> <li>• Dead Load ,Live Load</li> <li>• Define the Load Patterns</li> <li>• Auto Lateral Load</li> </ul>
<b>DAY : 18</b>	<ul style="list-style-type: none"> <li>• Seismic Load Wind Load</li> <li>• Self-Weight Multiplier</li> <li>• Modify an Existing Load Pattern&amp;Delete an Existing Load Pattern</li> <li>• Define Shell Uniform Load Sets</li> <li>• Assign Structural Loads</li> </ul>
<b>DAY : 19</b>	<b><u>Define Load Cases</u></b> <ul style="list-style-type: none"> <li>• Review/Create Load Cases</li> <li>• Define an Auto Construction Sequence Case</li> <li>• Load Combination</li> <li>• Shell Uniform Load Sets</li> <li>• Diaphragms ,Group Definition and Section Cuts</li> </ul>
<b>DAY : 20</b>	<b><u>Analyze the Model</u></b> <ul style="list-style-type: none"> <li>• Check the Model , Set the Mesh Options</li> <li>• Model Analysis&amp;Model Alive Feature</li> <li>• Set Load Case to Run</li> <li>• Locking and Unlocking the Model</li> </ul>
<b>DAY : 21</b>	<b><u>Result Verification</u></b> <ul style="list-style-type: none"> <li>• Bending Moment Diagram</li> <li>• Shear Force Diagram and Deflection&amp;Torsion</li> </ul>
<b>DAY : 22</b>	<b><u>Design</u></b> <ul style="list-style-type: none"> <li>• Concrete Frame Design</li> <li>• View Preference</li> <li>• Interactive Design</li> <li>• Design Display Ratio</li> <li>• Verify analysis vs Design Section</li> <li>• Verify All Member Passed</li> </ul>
<b>DAY : 23</b>	<ul style="list-style-type: none"> <li>• Steel Frame Design</li> <li>• View Preference</li> <li>• Interactive Design</li> <li>• Auto Selection List (By default</li> <li>• Program Calculate Economical and Safe Member For Section)</li> </ul>
<b>DAY :24</b>	<ul style="list-style-type: none"> <li>• Composite Beam Design&amp;composite Column Design</li> </ul>
<b>DAY :25</b>	<ul style="list-style-type: none"> <li>• Shear Wall Design</li> </ul>
<b>DAY :26</b>	<b><u>Display Results</u></b> <ul style="list-style-type: none"> <li>• Obtain Basic Graphical Displays</li> <li>• Graphical Displays using Model Explorer</li> <li>• Tabular Display of Results</li> </ul>
<b>DAY :27</b>	<b><u>Detailing</u></b> <ul style="list-style-type: none"> <li>• Detailing Process</li> <li>• Rebar Selection Rules</li> <li>• Start Detailing ,Edit Views</li> <li>• Create and Manage Drawing Sheets</li> </ul>
<b>DAY :28</b>	<b><u>Generate Results</u></b> <ul style="list-style-type: none"> <li>• Summary Report</li> </ul>
<b>DAY :29-30</b>	Project Submission