

CETPA INFOTECH PVT. LTD.
CURRICULUM OF REVIT

Duration: 4 Weeks

REVIT - ARCHITECTURE

BUILDING INFORMATION

MODELING

- Building Information Modeling for Architectural Design

REVIT ARCHITECTURE BASICS

- Exploring the User Interface
- Working with Revit Elements and Families
- Starting a Project
- Fundamental of Massing Studies
- Creating / Modifying Topographic surface

THE BASICS OF THE BUILDING

MODEL

- Creating and Modifying Levels, Grids
- Adding Columns
- Creating a Basic Floor Plan
- Adding and Modifying Walls
- Using Editing Tools
- Adding and Modifying Doors, Windows

VIEWING THE BUILDING

MODEL

- Managing Views
- Controlling Object Visibility
- Working with Section and Elevation

- Creating and Modifying 3D Views
- Using Dimensions and Constraints

DEVELOPING THE BUILDING

MODEL

- Creating and Modifying Floors
- Working with Ceilings
- Creating Openings
- Adding and Modifying Roofs
- Creating / Editing Curtain Walls
- Adding Stairs, Railings and Ramps

WORKING WITH FAMILIES

- Understanding Family Editor
- Creating / Editing Family Component
- Working with Component Families

DETAILING YOUR DESIGN

- Creating Callout Views
- Working with Text and Tags
- Working with Detail Views
- Working with Drafting Views

DOCUMENTING / ANNOTATING YOUR DESIGN

- Creating and Modifying Schedules

- Creating Rooms / Area Tags

PRESENTING THE BUILDING

MODEL

- Working with Drawing Sheets, Titleblocks
- Managing Revisions
- Creating Renderings
- Using Walkthroughs
- Using Sun and Shadow Settings
- Creating DWF files

IMPORTING AND EXPORTING

FILES

- Importing and Using External Files
- Exporting to External Files

CONCEPTUAL DESIGN

- Working with Mass Shapes
- Converting Mass Shapes to Building Components
- Creating Advanced Components
- Creating and Using In-Place Families
- Creating and Modifying Parametric Families
- Creating Nested Families
- Working with Component Groups

ADVANCED RENDERING

- Creating Realistic Presentations
- Creating Rendered Interior Scenes

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Because Knowledge Matters

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