



**START YOUR
REVIT
ARCHITECTURE
CAREER TODAY!!**

CREDO SYSTEMZ

**Revit Architecture
Program**

REVIT ARCHITECTURE COURSE SYLLABUS

Duration : 40 hrs

✦ **Module 1: Introduction to BIM & Revit**

- Understanding Building Information Modeling (BIM) concepts
- Overview of Revit interface and navigation
- Revit project file types: RVT, RFA, RTE
- Project units and settings
- Understanding the Revit workspace, ribbons, and properties palette

✦ **Module 2: Starting a New Project**

- Creating and saving a new project
- Setting up project templates
- Understanding levels and grids
- Linking and importing CAD files
- Project setup for architectural work

✦ **Module 3: Basic Building Elements**

- Creating walls (basic, curtain, stacked)
- Adding doors and windows

- Working with floors, ceilings, and roofs
- Editing profiles and creating custom wall types
- Structural vs. architectural components

✦ **Module 4: Building Core Components**

- Creating stairs, ramps, and railings
- Designing shafts and openings
- Working with columns and beams (architectural/structural)
- Using components and placing furniture

✦ **Module 5: Views & Visualization**

- Creating plan, section, elevation, and 3D views
- View range, visibility/graphics overrides, and view templates
- Using camera views and walkthroughs
- Rendering basics and material application
- Working with lighting and shadows

✦ **Module 6: Detailing & Documentation**

- Adding dimensions and annotations
- Creating detail components and drafting views
- Using text, tags, and symbols
- Legends, schedules, and keynotes
- Sheet creation and layout setup
- Printing and exporting sheets to PDF/DWG

✦ **Module 7: Families in Revit**

- Introduction to Revit Families
- System families vs. loadable families
- Creating and editing family parameters
- Working with nested and shared families
- Parametric design using family editor

✦ **Module 8: Collaboration & Worksharing**

- Worksharing concepts and central file setup

- Creating and managing local files
- Linking Revit models
- Coordination between architecture, structure, and MEP
- Managing changes and revisions

✦ **Module 9: Rendering & Presentation**

- Applying materials and textures
- Using realistic views and rendering settings
- Exporting high-quality renders
- Creating walkthrough animations
- Exporting to Twinmotion/Enscape for visualization

✦ **Module 10: Project Practice / Capstone**

- Complete residential or commercial project
- From concept to detailed documentation
- Coordinating with other disciplines (Structure, MEP)
- Creating final presentation sheets and renders

CHENNAI

VELACHERY

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OVERSEAS

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