## DEVELOPMENT INSTITUTE FOR SCIENCE CENTER <br> 

## Revit Architecture Civil

Autodesk Revit Architecture Software helps to explore the early design concepts and forms and more accurately maintains vision through design, documentation and construction. If a change is made it is automatically updated across the project. The essential BIM data that Autodesk Revit architecture software provides can be used to support sustainable design, clash detection construction planning and fabrication. BIM is the process of generating and managing data during its life cycle typically its uses three dimensional real time Dynamic building modelling software to increase productivity in building design and construction

UNIT - I (Introduction)

- Introduction Revit Architectures
- Revit File type
- Building Element
- Basic Civil structures


## UNIT - 2 (Basic Tools)

- Levels and Walls
- Drawing Aids
- Construction Modeling tool
- Working with grids
- Levels and Walls
- Drawing Aids

UNIT - 3 (Architectural Element)

- Modify commands
- Doors
- Windows
- Visual Style
- Foundation

UNIT 4- (Architectural Element)

- Dimension
- Floor
- Ceiling
- Roof
- Openings

UNIT 5- (Basic Tools)

- Components
- Managing Views
- Components
- Site design


## UNIT - 6 (Architectural Element)

- Stairs
- Ramp
- Railing
- Curtain wall
- Massing


## UNIT - 7 (Basic Tools)

- Text
- Model text
- Tag
- Detailing
- Text
- Text Modelling
- Scaling's


## UNIT - 8 (Basic Tools)

- Plotting
- Schedule
- Rooms
- Area
- 3D View
- 3D Render
- Walk through


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