

Lecture -1

REVIT ARCHITECTURE SOFTWARE

i. Basics of REVIT

- a. **INSTALL & Open REVIT**
- b. **Revit detail interface and commands**
- c. **Project options**
- d. **BASIC settings.**

a. INSTALL & Open REVIT

- i. **Download Auto desk REVIT ARCHITECTURE software from autodesk website.**
- ii. **Extract the downloaded REVIT file and install**
- iii. **Activate the crack of software**
- iv. **Run and open the REVIT software to work**

b. Revit detail interface and commands

i. **Home**

- a. **Models “1. Open project , 2. New project”**
- b. **Families “1. Open project , 2. New project”**

ii. **Project sheet**

a. **File**

- **New**
- **Open**
- **Save**
- **Save as**
- **Export**
- **Print**
- **Close**

b. Architecture

Build :-

- Wall
- Door
- Window
- Components
- Column
- Roof
- Ceiling
- Floor
- Curtain system
- Curtain grid
- Mullion

CIRCULATION:-

- Railing
- Ramp
- Stair

MODEL:-

- Model text
- Model line
- Model group

ROOM & AREA:-

- Room
- Room separator
- Tag room
- Area
- Area boundary
- Area tag

OPENING:-

- By face
- Shaft
- Wall
- Vertical
- dormer

DATUM :-

- Levels
- Grid line

WORK PLANE:-

- SET
- SHOW
- REF PLAN
- VIEWER

- c. **Insert**
 - **LINK**
 - **IMPORT**
 - **LOAD FROM LIBRARY**

- d. **Annotate**
 - **Dimension**
 - **Detail**
 - **Text**
 - **Tag**
 - **Color fill**
 - **Symbol**

- e. **Analyse**
 - **Analytical model**
 - **Analytical model tools**
 - **Spaces & zones**
 - **Reports & schedule**
 - **Check systems**
 - **Color fill**
 - **Energy optimization**
 - **Route analysis**

- f. **Massing & site**
 - **Conceptual mass**
 - **Model by face**
 - **Model site**
 - **Modify site**

- g. **Collaborate**

- h. **View**
 - **Graphics**
 - **Presentation**
 - **Create**
 - **Sheet composition**
 - **Windows**
 - **User interface**

- i. **Manage**
 - **Settings**
 - **Project location**
 - **Design options**
 - **Manage project**
 - **Phasing**

- Selections
- Visual programming

j. Add-ins

- Print patch
- Model review
- Work sharing monitor
- FormIt convertor

k. Modify

- Properties
- Clipboard
- Geometry
- Modify
- View
- Measure
- Create

c. Project options

- Open new project & family project
- Project template
- Create project template

d. Basic settings

- Open project
- Unit setting
- Element properties setting and project browser settings