



SMART TRAINERS

LESSON PLAN FOR REVIT ARCHITECTURE COURSE

COURSE TITLE: Create 2d plan and 3d Model in Revit	COURSECODE: CB5038	CREDIT HOURS: 01	DURATION: 08 Weeks (03 Classes Each Week)
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COURSE INSTRUCTOR: Armash Khanzada

Batch: 04	Course Starting Date: 04/02/2025	Course Suspension Date: 04/04/2025
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COURSE LEARNING OUTCOMES: Upon successful completion of the course, the student will be able to:

CLO	Description	Level
01	Learn to create 2D and 3D model in Revit.	C1
02	Create Projects Floor Plans, Ceiling Plans, Elevations, Sections, Details, 3D Views	C2

LESSON CONTENTS AND ASSOCIATED CLO(s)

Contents	CL O No.	Marks Assigne d	Delive ry Metho ds	Assessm e Methods (Marks)
1) Introduction Of Revit <ul style="list-style-type: none"> Welcome screen and templates Creating a new Project Panels menus and tools overview Setting up tools panels and preferences 	01 & 02	50%	Online Lectures & Practical work	Test
2) Creating Advance Projects <ul style="list-style-type: none"> Floor Plans, Elevations, Create 3D Model Legends, Schedules Sheets, Families, Groups, Revit Links 				
3) Advance Architecture Modelling <ul style="list-style-type: none"> Create Models Use Generic Tools Extrude, Sweep, Void, e.t.c Modify Models 				

<p>4) Materials</p> <ul style="list-style-type: none"> • Apply Realistic Materials • Normal map, Bump map, roughness map <p>5) Enscape</p> <ul style="list-style-type: none"> • Introduction of Enscape • How to import model in Enscape • How to work on Enscape • How to Create Realistic Renderings <p>6) 3D Visualization and Walkthroughs</p> <ul style="list-style-type: none"> • How To animate a scene • Create basic and Cinematic animation • Depth of Field 	<p>01 & 02</p>	<p>50%</p>	<p>Online Lectures & Practical work</p>	<p>Test</p>
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