

Master Revit in 1 Month:



Crash Course for Civil & Structural

Engineers

 AUTODESK
REVIT

www.e-construct.in



Course Overview:

- This intensive one-month crash course is designed to enhance your skills in architectural modeling and design using Revit, with a focus on practical, real-world applications.
- Ideal for Civil and Structural Engineers, this course includes two comprehensive projects—a villa design and a commercial building design—taking you from the basics to completion.

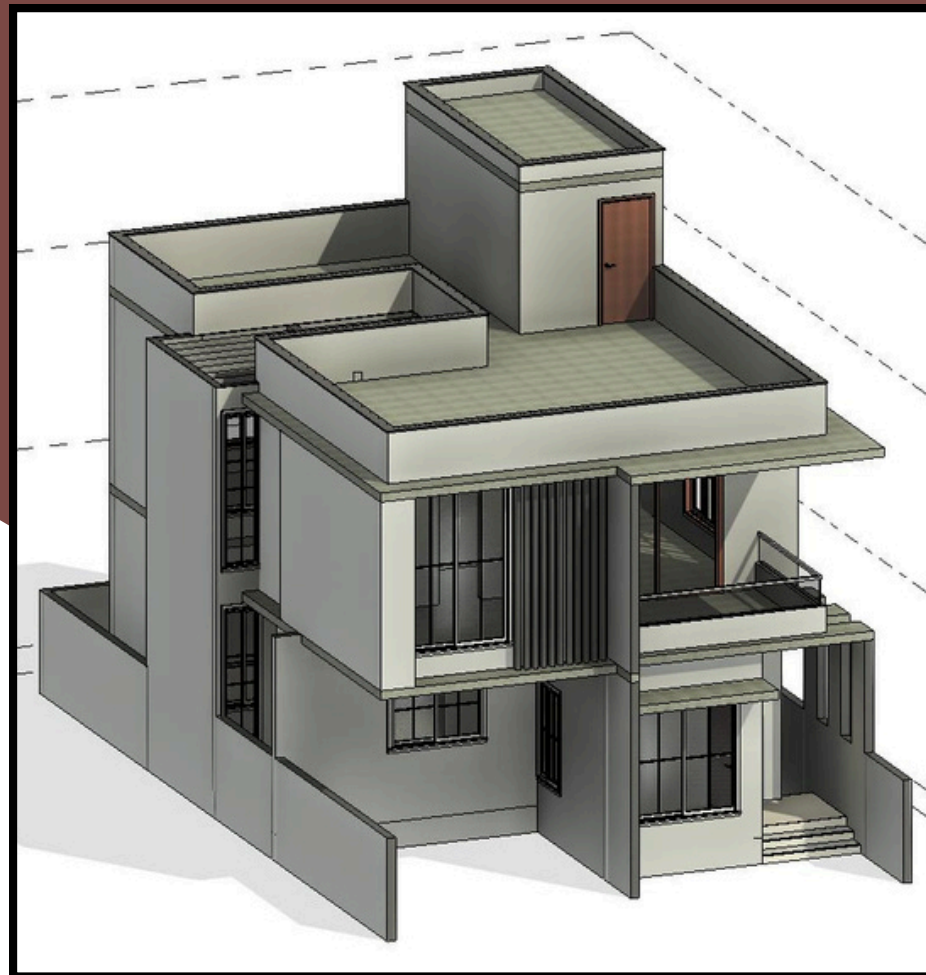


What's Included:

01 Project-Based Learning:

01

**Residential Project
on Revit**



02

**Commercial
Project on Revit**



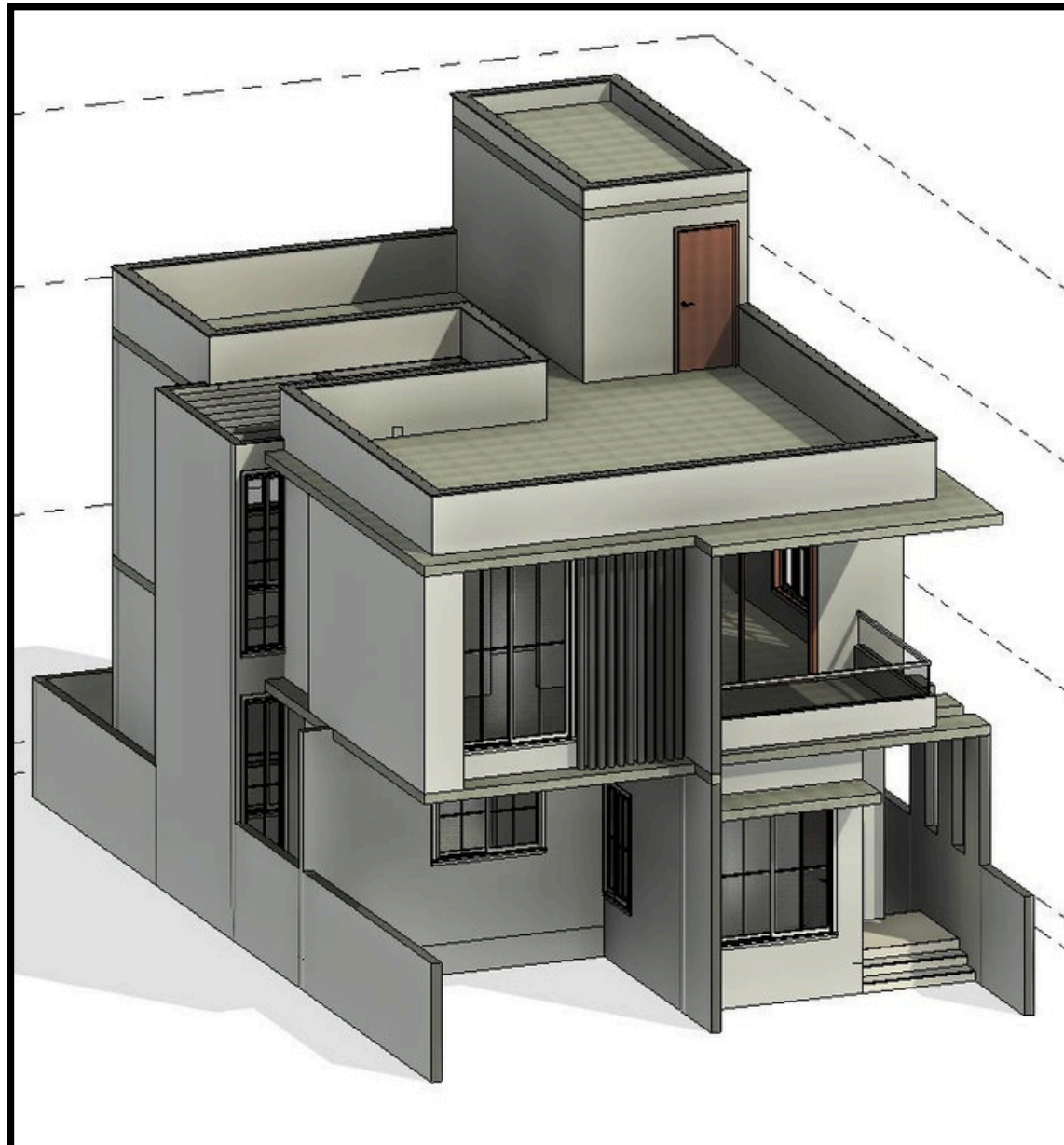
03

**Learn from scratch &
complete both
projects with hands-
on experience.**

• Project 1: Villa Design (30x50) using Revit

Project Overview:

This project focuses on designing and modeling a 30x50 villa using Revit, incorporating both architectural and structural elements. The project covers essential design principles for residential villas, emphasizing layout optimization, material selection, and integration of design aesthetics.

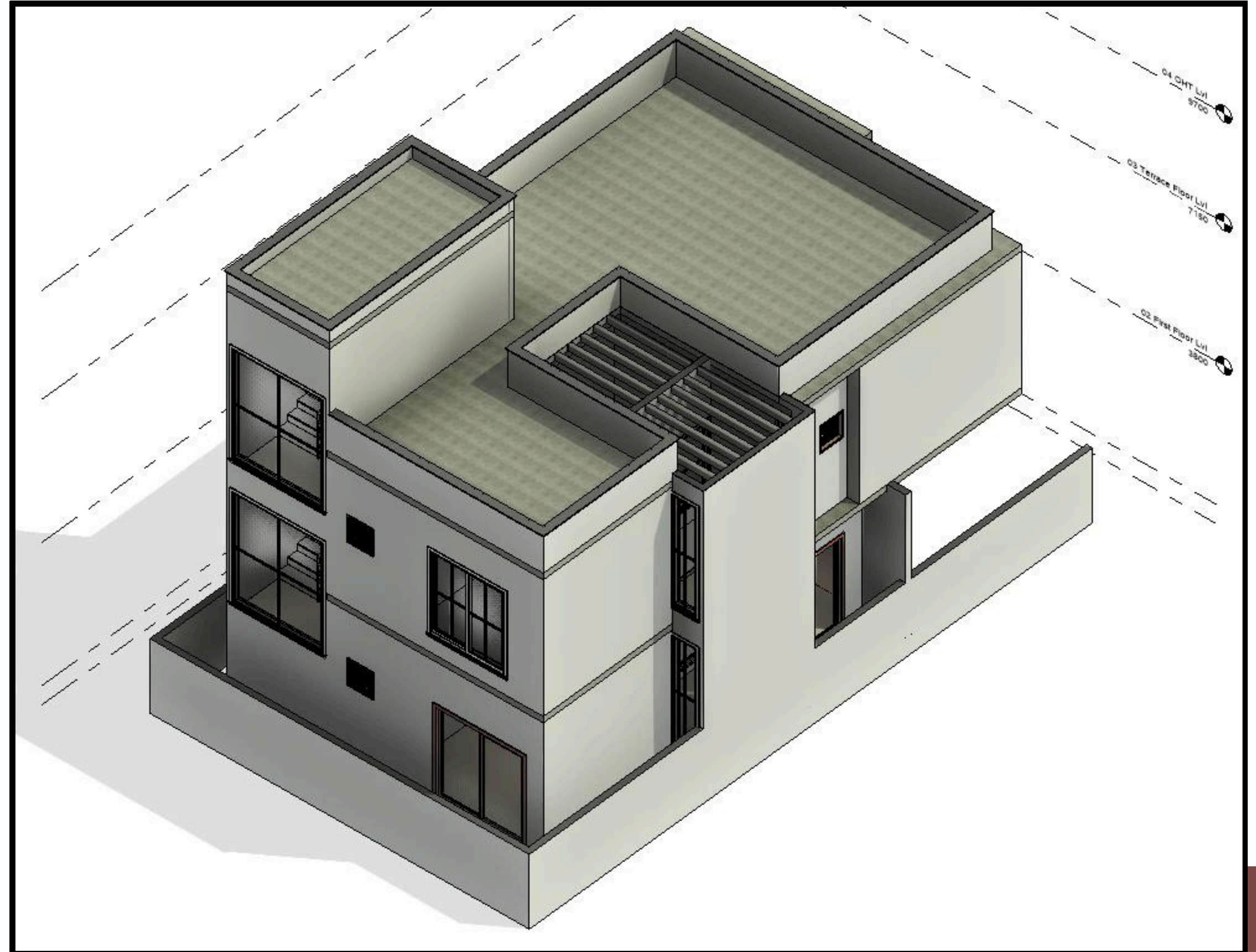
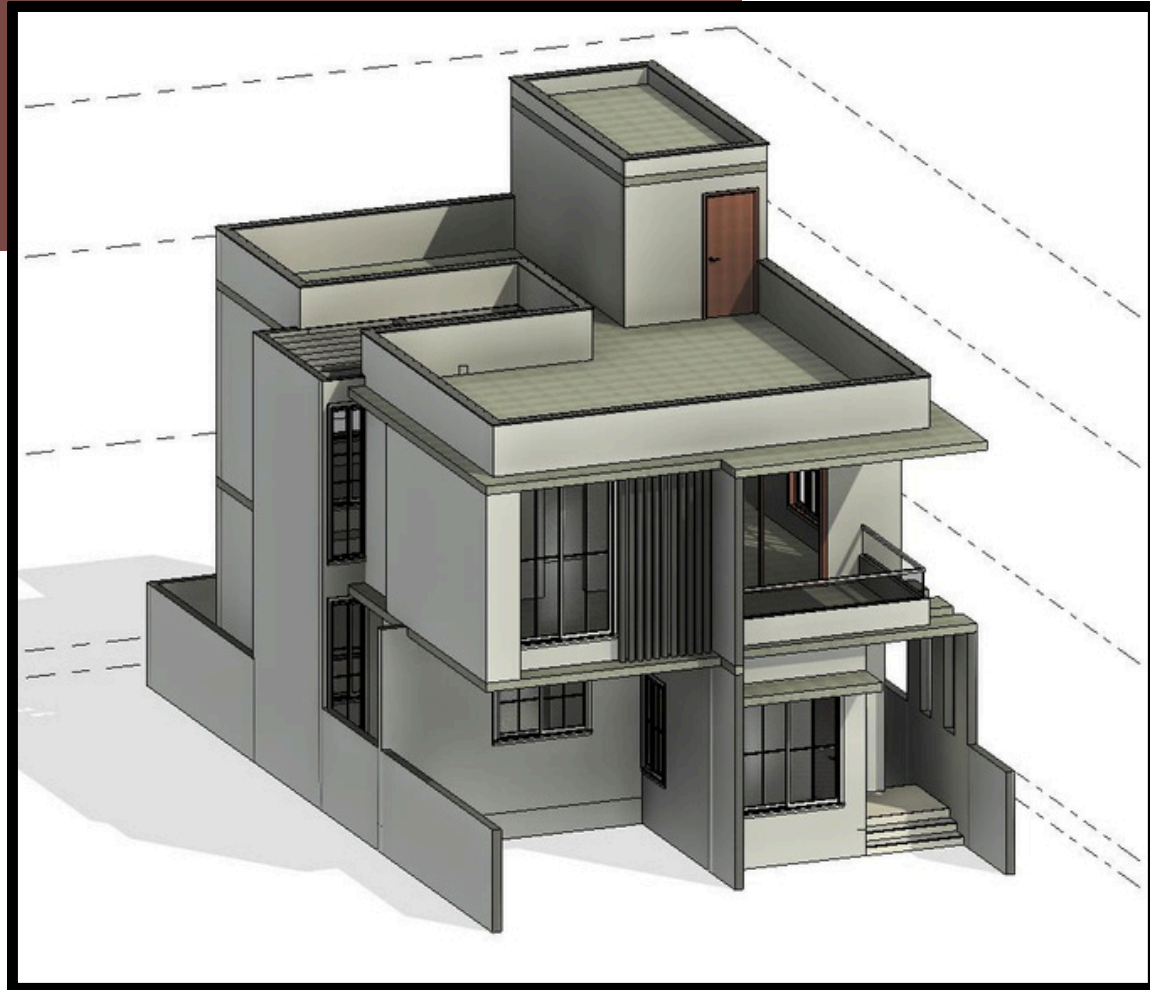


Key Learning Outcomes:

- Master 3D modeling for residential villas, including architectural detailing and structural elements.
- Learn how to apply materials, finishes, and accurate load cases for residential design.
- Understand the layout planning and optimization for compact villa spaces.
- Generate comprehensive drawings such as floor plans, elevations, and interior sections for client presentations.

Skills Sets:

- Advanced residential modeling techniques for villa design.
- Material selection, load application, and aesthetic coordination.
- Report generation and client-ready project documentation.



**Project 1: Villa
Design (30x50)
using Revit**

Project 2: Commercial Building Design (G+4) using Revit



Project Overview:

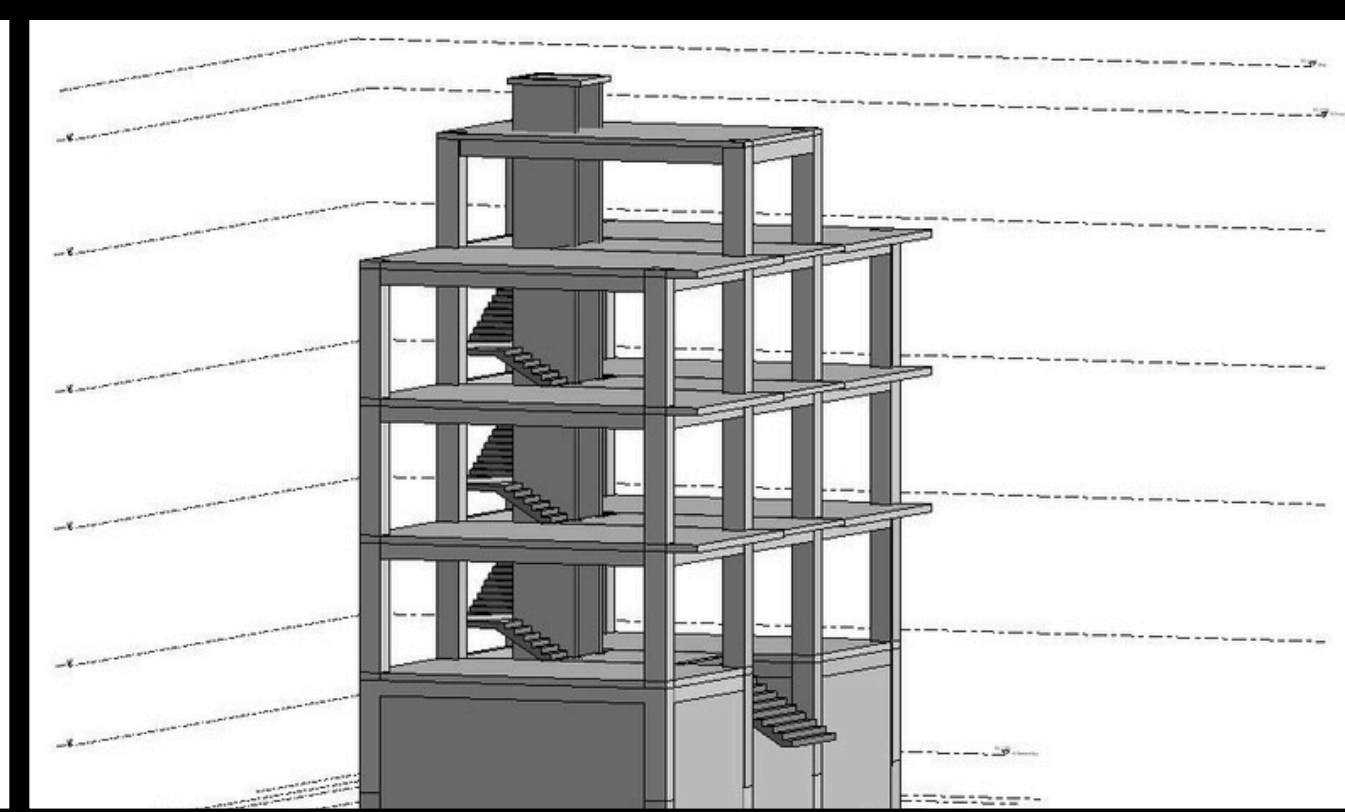
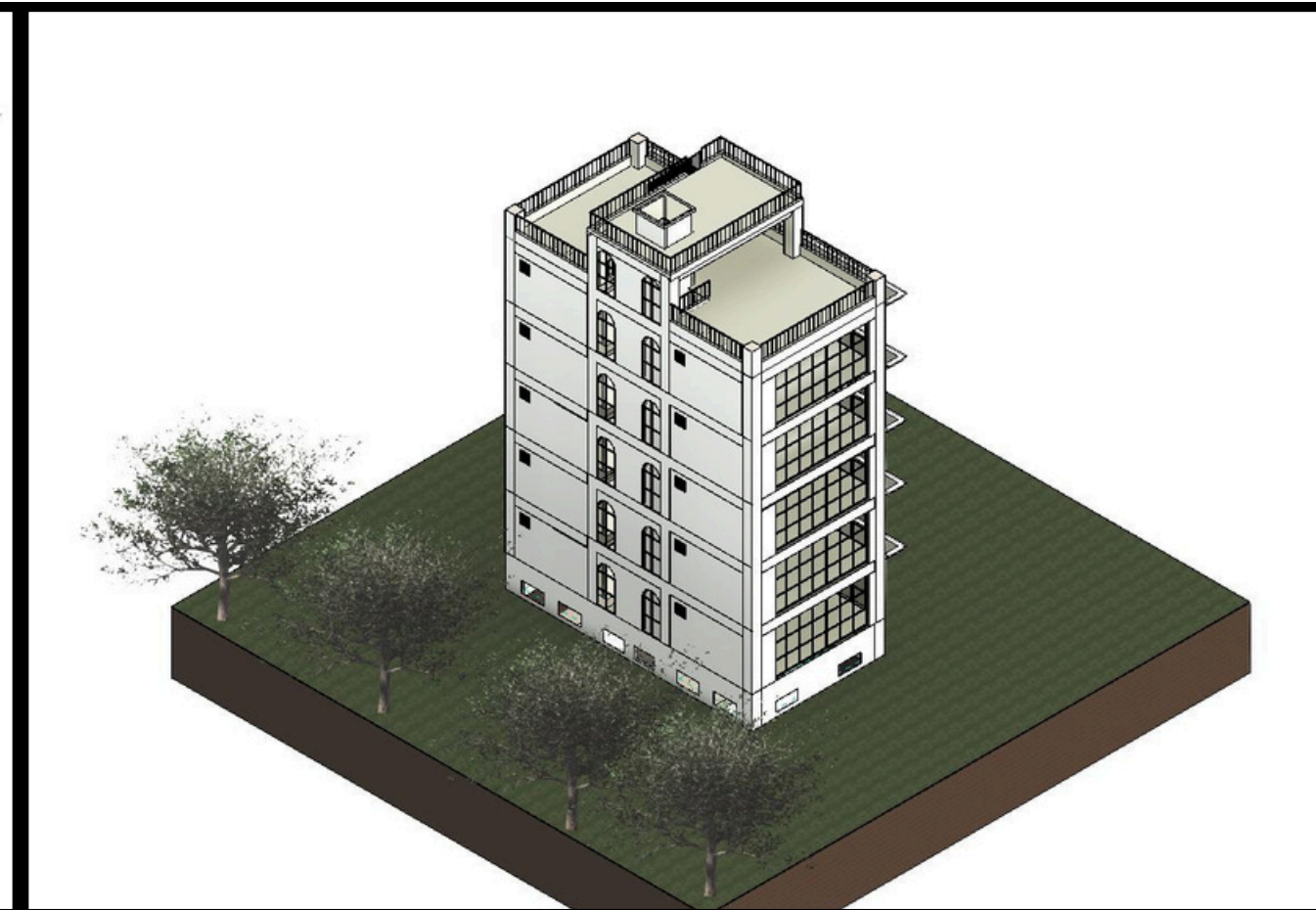
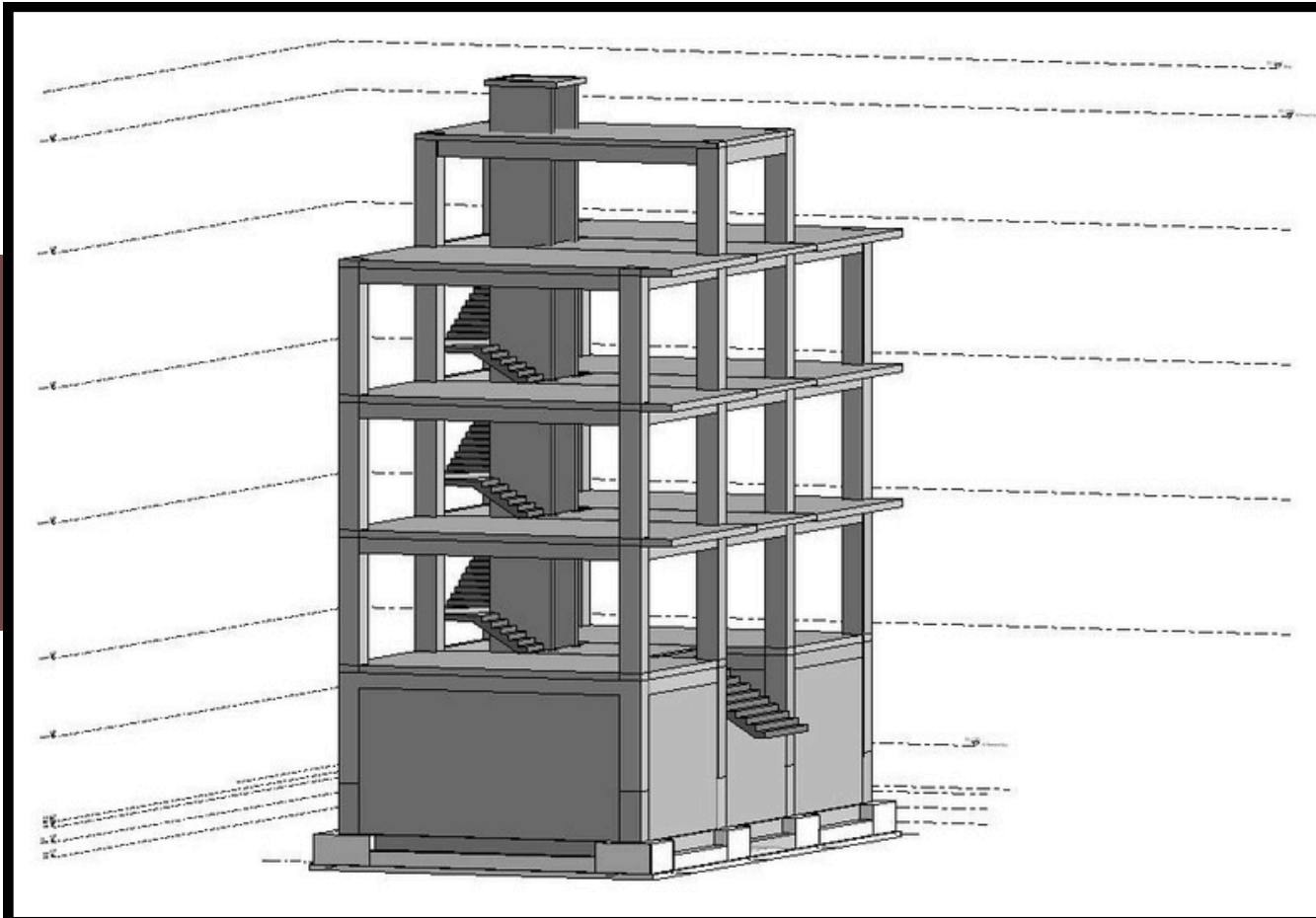
This project focuses on designing and modeling a G+4 commercial building using Revit. Emphasis is placed on creating a comprehensive 3D model, integrating architectural, structural, and MEP systems, while adhering to real-world design standards.

Key Learning Outcomes:

- Master 3D modeling for commercial buildings (architecture & structure).
- Apply materials, finishes, and load cases.
- Collaborate across Revit disciplines (Architecture, Structure, MEP).
- Generate detailed drawings for client presentations.

Skills Sets:

- Advanced 3D modeling techniques for commercial structures.
- Material assignment, load application, and design coordination.
- Report generation and detailed presentation of project documentation.



2. Commercial Building Design

Comprehensive Learning Materials:



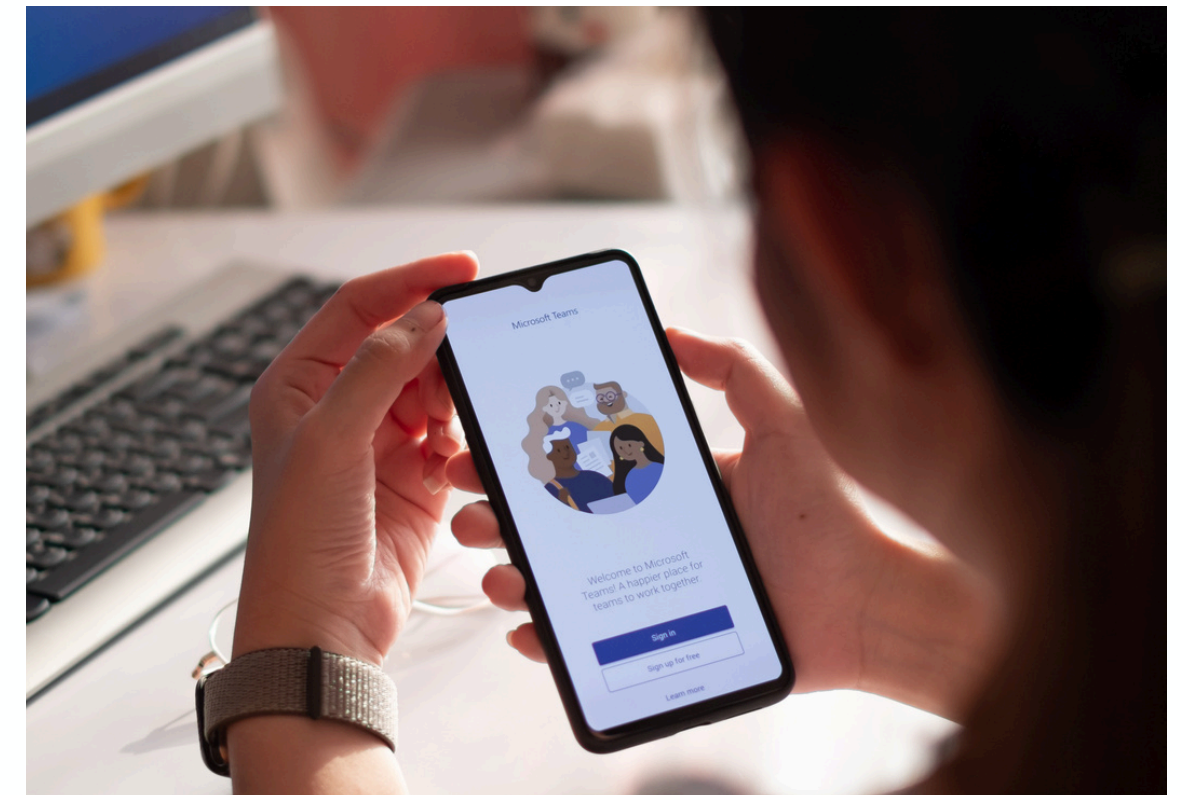
- **Pre-recorded Video Tutorials**

Covering essential REVIT concepts and applications.



- **Live Sessions:**

20 hours of interactive Zoom meetings for personalized guidance and Q&A.



- **Live Chat Support:**

Real-time chat for additional support.

How We Train in Online Mode:

Pre-Recorded Videos:	Watch at your convenience (Self-paced Learning Program).
Live Sessions:	Monday to Wednesday, 7 PM to 9 PM. Access recordings if you miss any session.
Online Doubt Clearing:	Use our chat server on Microsoft Teams for support.
Project Presentation:	Present projects with technical reports as part of the assessment.
Certification:	Receive an experience letter and crash course certification upon completion.
Special Opportunities:	Top performers get an extra live project and a 1-month offline internship.

Any issues? Where to inform for immediate action

**Microsoft Teams
(Chat & Call)**



**Official Zoom
Platform**



**Official WhatsApp
of Mentors**



**Official Emails
of Mentors**

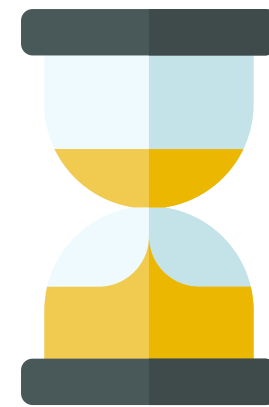


Crash Course Details



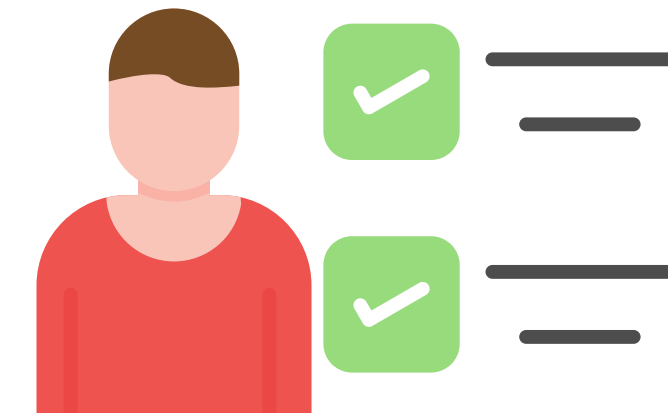
Certification:

A certificate specifying that you have completed two real-world projects with us, ideal for boosting your professional profile.



Course Duration:

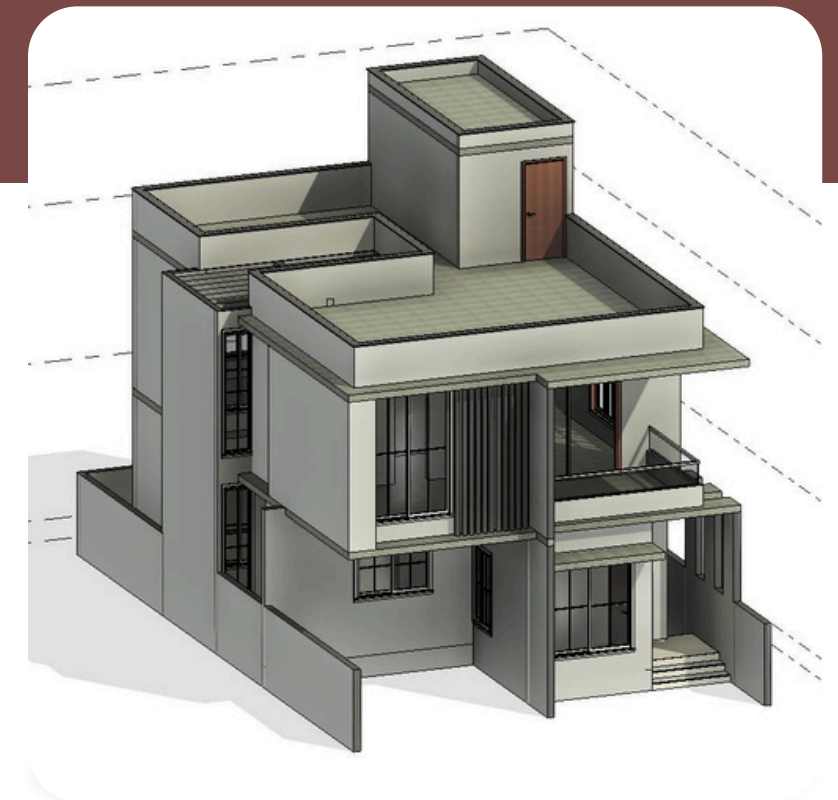
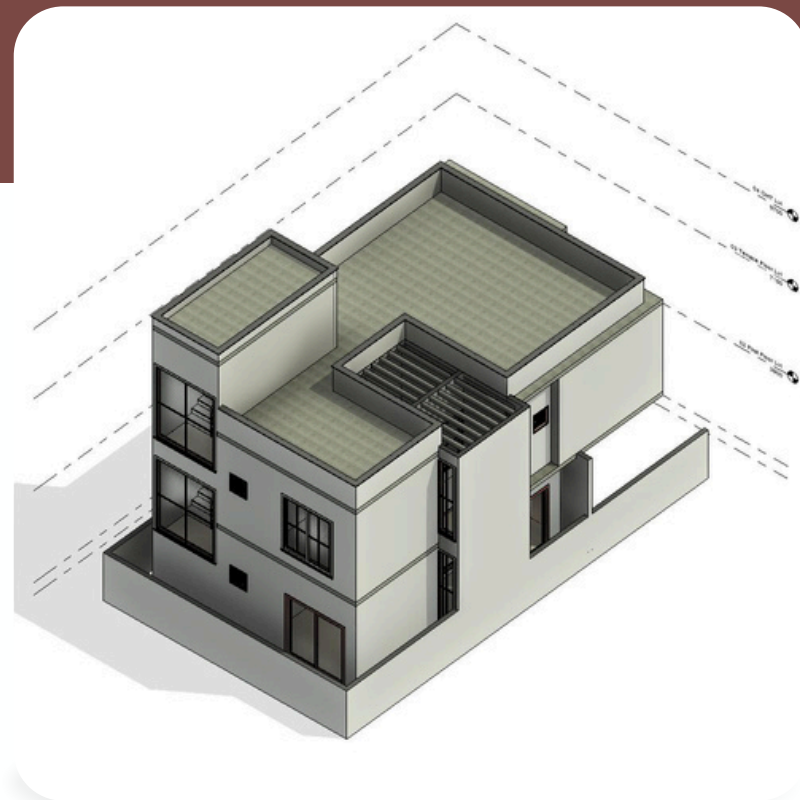
1 Month (Includes pre-recorded videos, live sessions, and interactive Q&A support)



Eligibility

- Diploma in Civil Engineering
- B.E. / B.Tech in Civil Engineering
- M.E. / M.Tech in Structural Engineering

- **Mode of Learning - Online**
- **Fees: ₹12,000 per head for the entire two-project course**



Timeline



Week 1:

Model villa architecture and structure basics.

Week 2:

Complete villa interior detailing and structure; start commercial project

Week 3:

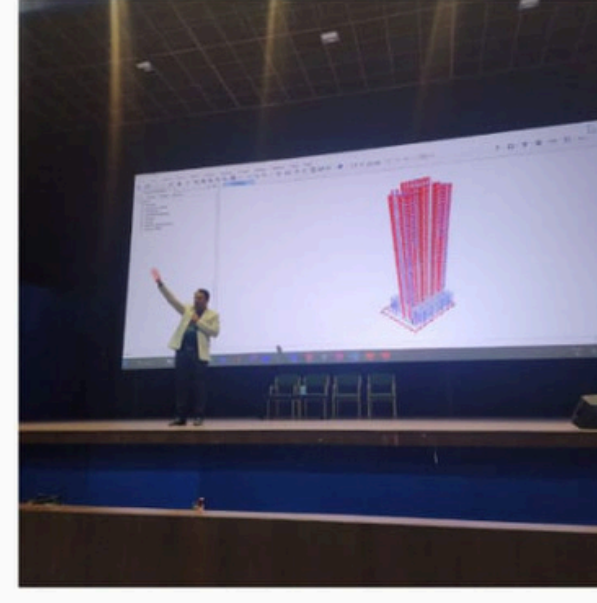
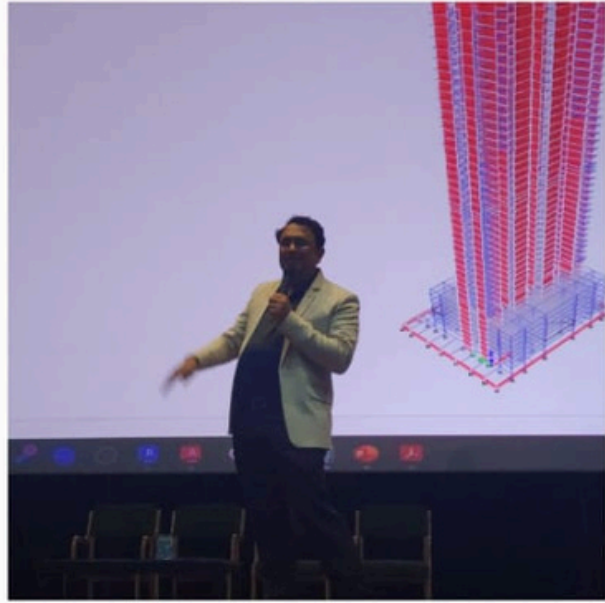
Model commercial building with materials, finishes, and load cases.

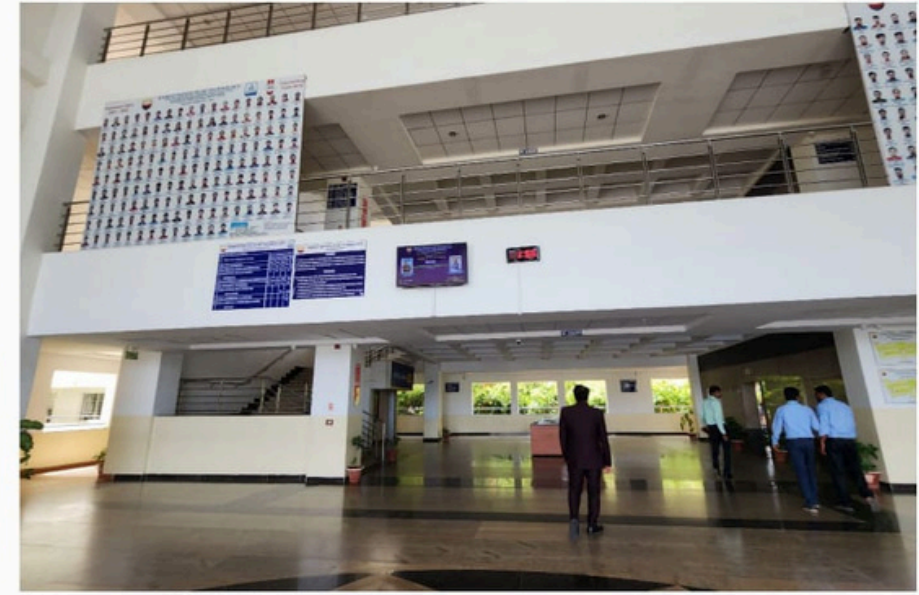
Week 4:

Finalize and submit both projects with detailed drawings for evaluation.









Thank You

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For More Details

