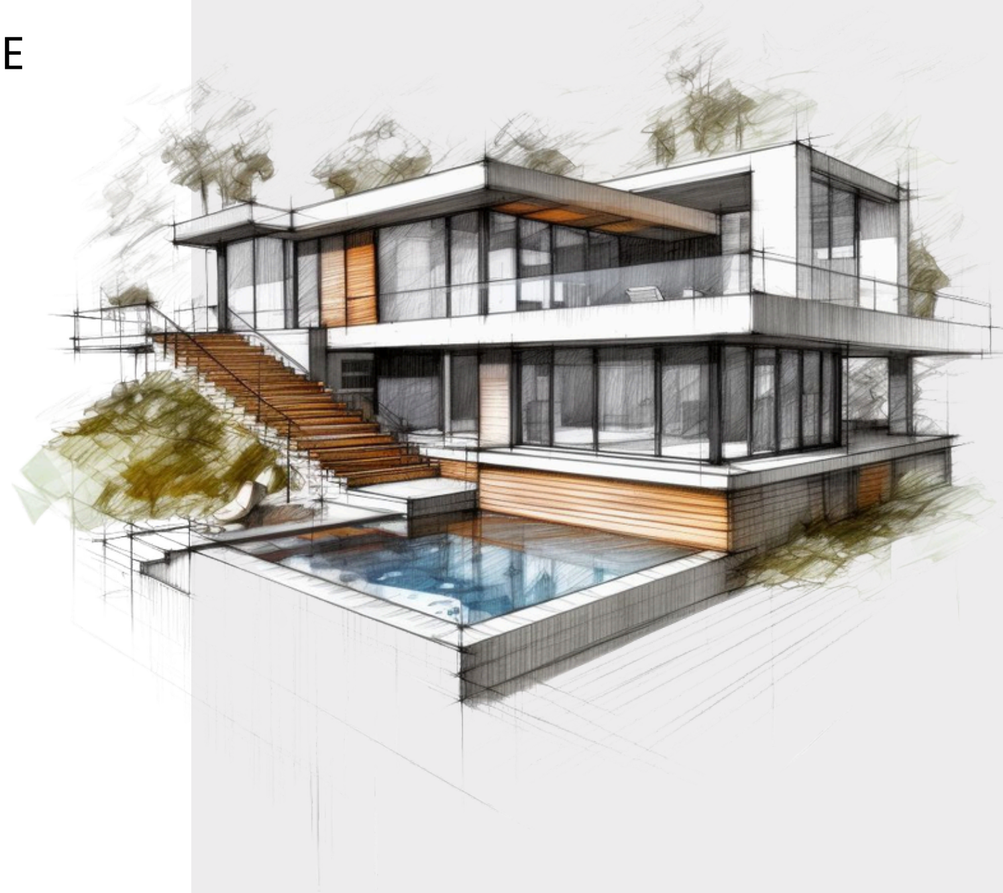
HEXINOX

CIVIL ENGINEERING

INDUSTRY READY CERTIFICATION PROGRAMME

REVIT ARCHITECTURE



COHORT BASED | 8 MODULES | REAL TIME PROJECT

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HEXINOX STORY

IN THE FIRST 7 MONTHS OF OUR JOURNEY



OUR GOAL

Empowering Youth, Fostering Opportunities

3850+

Students Upskilled

IN LAST 6 MONTHS

4.7

AVG. GOOGLE RATING
OUT OF 217+ REVIEWS

JUST IN H1 2025

5 Industry Training Programmes

CO-HOST EVENTS WITH

SCMS School of Engineering & Technology

AMRITA VISHWA VIDYAPEETHAM

MBITS

INDUSTRY MENTORS FROM

Google, CRED, TOYOTA, Trellix, Schneider Electric, ATLASSIAN, VOLVO, MG, BYD, SIEMENS, Concept Dash, DSA ARCHITECTS INTERNATIONAL



6+
CONTESTS HOSTED

2 LAKHS INR+ CASH PRIZE DISTRIBUTED



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THE HEXINOX EDGE

MENTORSHIP. COMMUNITY. OPPORTUNITIES.



Live Online MasterClasses by Industry Experts from Top Firms

Discord Server For Every Course
With Peers, Mentors & Subject Experts

Resume & Portfolio Building MasterClass



Success Mentors
To Keep You In Check & Provide Assistance

Weekend Doubt Clearance Sessions with Subject Experts



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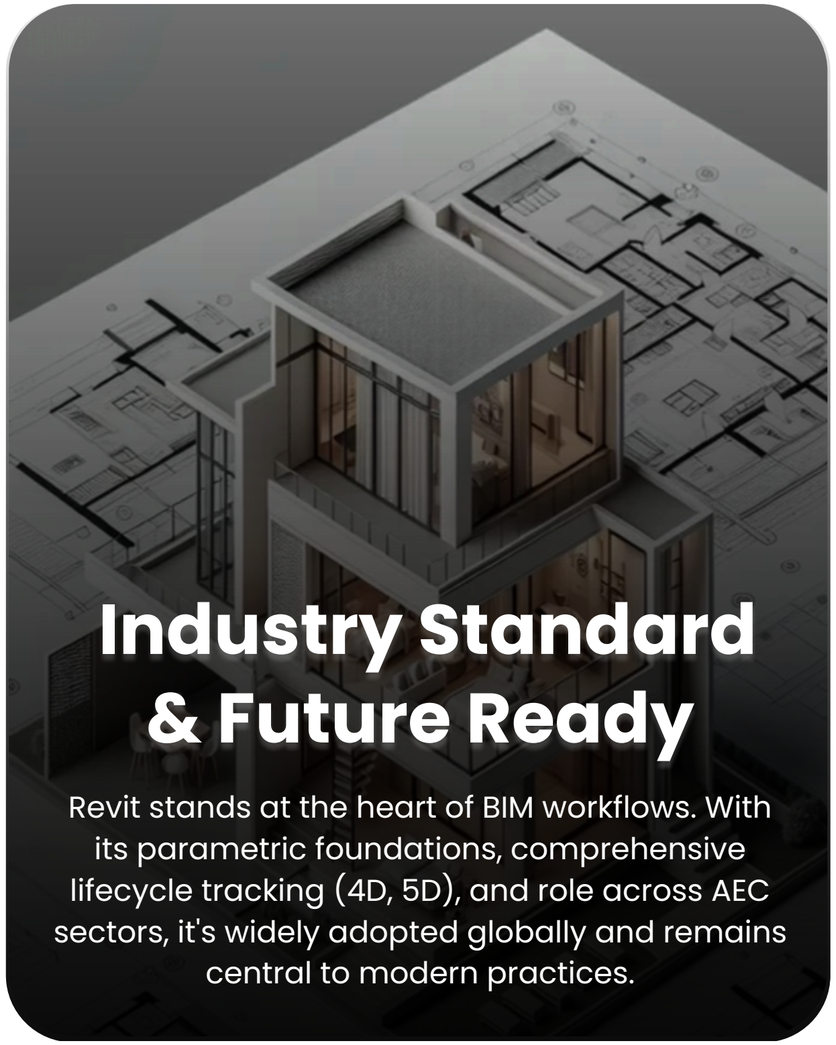
WHY **REVIT ARCHITECTURE**?

Efficiency, Cost Savings & Competitive Edge

By automating repetitive tasks, Revit significantly reduces documentation effort, project revisions, and potential errors.

Integrated Project Data

All model information resides in a single database. Any change to the model automatically reflects across documentation



Industry Standard & Future Ready

Revit stands at the heart of BIM workflows. With its parametric foundations, comprehensive lifecycle tracking (4D, 5D), and role across AEC sectors, it's widely adopted globally and remains central to modern practices.

Seamless Multi-Discipline Collaboration

Solid understanding & experience with AUTOCAD has become an essential skill for jobs in design, construction, and project planning.

True Parametric Modeling & Smart Automation

Revit utilizes a powerful parametric engine, Change one element, and the entire model updates instantly, ensuring consistency, reducing errors, and saving substantial time.

Visualization, Rendering & Immersive Review

Revit includes robust rendering capabilities and integrates with cloud and VR workflows to help users visualize projects realistically.

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EXTENSIVE **SYLLABUS**

Introduction to BIM and Revit M1

- What is Building Information Modeling (BIM)?
- Introduction to Autodesk Revit interface
- File types and template usage
- Navigation tools and view controls

Basic Architectural Modeling M2

- Setting up levels and grids
- Object selection and modification (Move, Copy, Rotate, Scale)
- Creating walls (interior/exterior)
- Doors and windows placement
- Floors and ceilings

Intermediate Components & Annotation M3

- Roofs and stairs
- Railings and ramps
- Annotations: tags, dimensions, text
- Sections, callouts, and elevations

Site & Structural Integration M4

- Site topography and property lines
- Adding building pads
- Linking/importing CAD drawings
- Structural components (beams, columns for civil engineers)

EXTENSIVE **SYLLABUS**

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Families, Components, and Detailing M5

- Creating custom families
- Loadable vs in-place families
- Detail components, drafting views
- Construction detailing

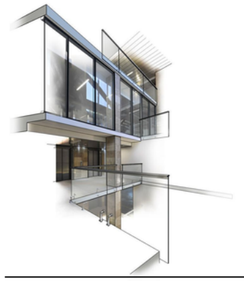
Final Views 7 Outputs M6

- Lighting & Shadows setting
- Camera View setting
- Rendering
- Walkthrough

Collaboration & Documentation M7

- Work-sharing and collaboration (work sets)
- Phasing and design options
- Sheets and title blocks
- Printing and exporting to PDF/DWG

Project Based Learning M8



INDIVIDUAL PROJECT

Creating a **Residential/Commercial Layout**

From **concept to sheet presentation**





Focus on **documentation set: plans, elevations, sections, schedules**

EXTRA ADDON

Real World Project Case Studies & Discussions

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PROJECT: G+2 MODERN RESIDENTIAL VILLA

Design and develop a two-story residential villa on a plotted site, incorporating comprehensive architectural detailing to meet both client presentation standards and municipal approval requirements.

PROJECT SCOPE

- Site Area: 40 ft × 60 ft (2400 sq.ft)
- Built-up area: Approx. 3000–3500 sq.ft
- G+2 structure
- Functional spaces: Living, dining, kitchen, 4 bedrooms, 3 toilets, terrace, parking, and utility



Images are for illustrative purpose only.

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₹1,499

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