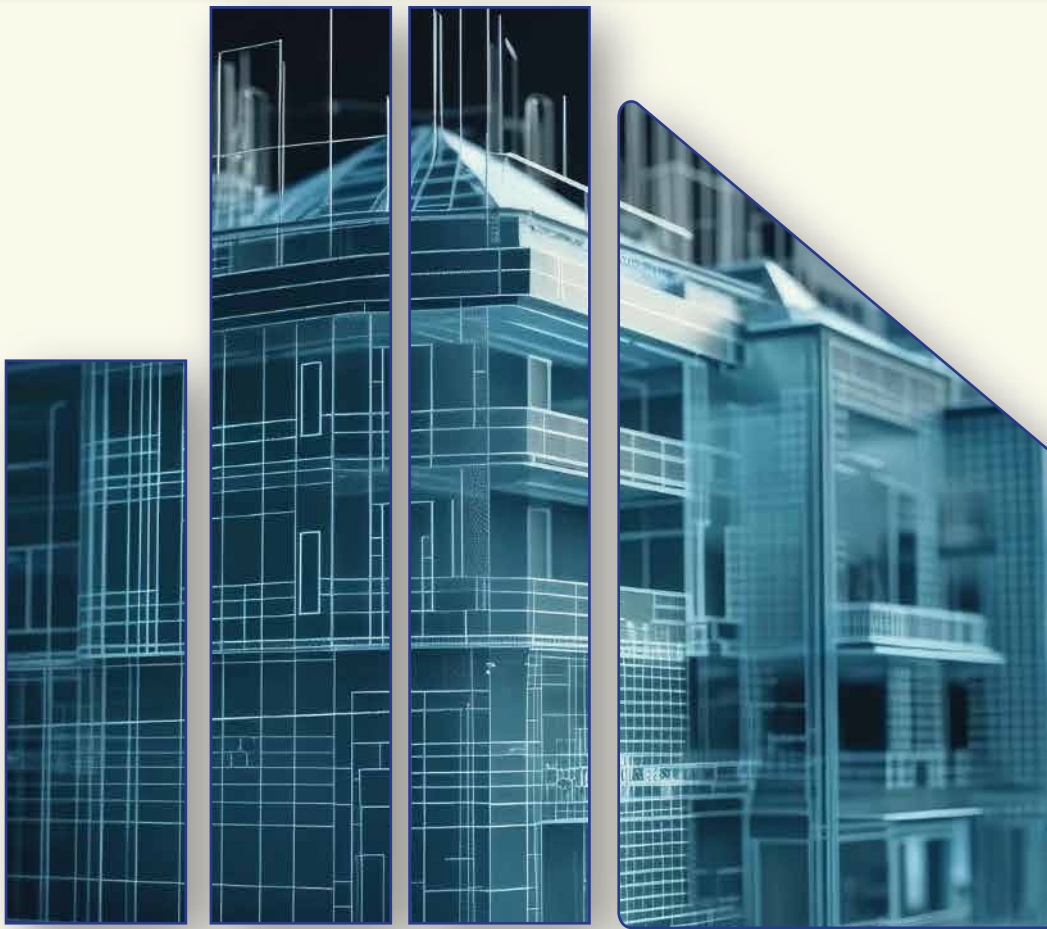




MASTER'S IN BUILDING INFORMATION MANAGEMENT (BIM)

Positioning yourself to thrive in the evolving AEC landscape,
where BIM expertise is increasingly in demand.



Contact Us

P: +91 9960613683 **E:** classes@bimmantra.com **W:** www.bimmantra.com

A: 1st Floor, Prime Landmark Building, off NIBM Road, Kondhwa, Pune, Maharashtra 411048.

MASTER'S IN BUILDING INFORMATION MANAGEMENT (BIM)

Explores the principles, processes, & tools of (BIM) & its application in the construction & design industry. Learn BIM software, project management, & collaboration techniques to manage BIM projects & teams.

WHY JOIN US

- Online/ Offline classroom program.
- Industry Expert Trainers with Interactive Q&A Sessions
- Get Certified with 1 Month of Hands-On Internship Experience
- Work on Real-World Projects
- Guaranteed 100% placement support.
- Guidance up to Placement
- Mock Interviews Preparation

MODULES OFFERED

MODULE 1

Introduction

History and evolution of BIM, benefits and challenges
BIM software tools & user interface of Revit Structure

MODULE 2

Creating Models

1. Levels & grid creations
2. Imports & insert link in AutoCad
3. Foundations, Staircase, structure wall
4. Columns beams & slab

MODULE 3

Rebar Modelling & Schedule

1. Creating Rebar Elements, Placing Rebar, Modifying Rebar
2. Rebar schedules, Rebar Annotations, Detailing views
3. Bar bending schedules, Take off quantities

MODULE 4

Sheets & Detailing

1. Collaboration & Co-ordination
2. Annotations & Dimensions
3. Shop Drawings & BOQ
4. Documentation & Export
5. Family Creations

MODULES OFFERED

MODULE 5

Introduce Revit Architecture

1. Floors, Furniture & Components
2. User interface and navigation
3. Project setup & template selection
4. Understanding Tools & elements
5. Levels & Grid creations

MODULE 6

Import files & Modifications

1. Imports & link in AutoCad
2. Creating and modifying walls
3. Doors, and windows
4. Basic sketching and editing tools

MODULE 7

Floors, Furniture & Component

1. User interface and navigation
2. Project setup & template selection
3. Understanding Tools & elements
4. Levels & Grid creations
5. Adding floors and roofs
6. Stairs & Railing
7. Placing Components like Furniture
8. Massing & Topography

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MODULE 8

Tagging & Shop drawing Details

1. Co-ordination, Collaboration & Central file
2. Annotations & Dimensions
3. Shop Drawings & BOQ
4. Documentation & Export
5. Room tagging

MODULE 9

Revit MEPF & Plumbing

1. Link file, Template creation, levels & grid
2. Creating pipes, plumbing fixtures, & pipe type
3. Shop Drawings & BOQ & quantity takeoff
4. Drawing Documentation & Export

MODULE 10

Mechanical Duct & HVAC Equipment

1. Link file, Template creation, levels & grid
2. Creating Duct, HVAC, Air terminals & Mechanical equipment
3. Shop Drawings, Family creation, Quantity takeoff & BOQ
4. Drawing Documentation, Detailing & Printing

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MODULE 11

Family Creation

1. Creating family, doors, windows, beam, column,
2. Components, MEPF family
3. Creating parametric family, Shared parameter & other

MODULE 12

Rendering & Enscape

1. Rendering walk through creation
2. Image & video exporting

MODULE 13

Naviswork Manage (Clash Detection)

1. File exporter & Convert to naviswork file
2. User interface, clash detection, & co-ordination
3. 4D planning & Simulation
4. Quantity takeoff, cost estimation & documentation

MODULE 14

Scan to BIM (Recap)

1. Understanding the point cloud data & recap user interface
2. Prepare Point Cloud Data, Import Point Cloud Data into ReCap
3. Import Point Cloud Data in Revit, Work with Point Cloud
4. Data, Visibility and Display, Further Processing

MODULES OFFERED

MODULE 15

Microsoft project Management

1. Introduction of project management
2. Installing & understanding user interface of software
3. Understanding WBS, activity & Resources use

MODULE 16

EVM concept & reports

1. Understanding earned value management & baseline project cost
2. Data report & exports
3. Connect 4D planning data with naviswork manage

MODULE 17

BIM 360

1. Co-ordination & Collaboration
2. Worksets create
3. Central model creation
4. Cloud data
5. BIM 360
6. Synchronise & relinquish

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COURSE FEES

It's essential to understand the immense value that this advanced qualification offers. BIM is transforming the architecture, engineering, and construction (AEC) industry, enabling professionals to collaborate more effectively, optimize resources, and streamline project workflows. By enrolling in this master's program at BIM Mantra Academy, students will gain expertise in managing digital representations of physical assets throughout their life cycle, from design to maintenance.

BIM Mantra Academy offers a highly specialized curriculum that is designed by industry experts, ensuring students are equipped with the latest knowledge and skills. Through a combination of theoretical understanding and hands-on practice, students will develop proficiency in leading BIM software, preparing them for high-demand roles in construction and infrastructure projects.

While the investment in this program is a key consideration, the career opportunities it opens and the advanced skillset it provides make it a valuable decision. By choosing BIM Mantra

Master's in Building Information Management (BIM)	
DURATION	4 Months
COURSE FEES	INR 60,000

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