



# **BIM STRUCTURE FOR ARCHITECTS & CIVIL ENGINEERS**

Get trained by professionals, become a BIM Master, and grow your skills in the AEC industry

## VISION

Empowering architects and civil engineers with premier BIM education. Creating a new generation of skilled professionals ready to excel in the AEC industry with advanced technical knowledge and practical experience.

## MISSION

To provide top-notch education and guidance in Building information Modeling through project-based training and real international project experience.

## QUALITY POLICY

Our commitment to excellence ensures students receive industry-recognized certification and practical expertise. We maintain high standards through professional instruction, hands-on international projects and comprehensive training in BIM standards and practices.

# COURSE HIGHLIGHTS

Hand-on training with international projects

Training certificate from Pencil Design Architects

Course completion certificate

Placement Assistance

Industry Interactions

Portfolio Preparation Session



# WHY CHOOSE BIM?

Students choose BIM for their careers because it helps them work smarter in construction and design. With BIM, they can use cool technology to create 3D models of buildings and collaborate better with others. It's like a high-tech toolbox that helps projects more efficient and cost-effective. Plus, companies really like hiring people who know how to use BIM because it makes the whole building process smoother. So, students see BIM as a great way to be tech-savvy and have a cool job in the world of construction.



# SOFTWARE & TOOLS WE TEACH



Revit



Recap Pro



Navisworks



AutoCAD

## WHO CAN ATTEND OUR COURSE

- Architects (B Arch / M Arch/D Arch)
- Civil Engineers (M Tech, B.E / B Tech, Diploma or ITI)
- Interior Designers

# MODULES

- 2D CAD DOCUMENTATION
- INTRODUCTION TO BIM
- ARCHITECTURAL MODELING
- LANDSCAPING
- DOCUMENTATION
- ESTIMATION
- CONSTRUCTION MODELLING
- VISUALIZATION – REVIT
- MULTI DISCIPLINARY COORDINATION
- STRUCTURAL DESIGNING CONCEPTS
- STRUCTURAL MODELLING
- EXPORT TO ROBOT STRUCTURAL
- EXPORT FROM REVIT TO ANALYSIS
- STRUCTURAL ANALYSIS WITH STAAD CONNECT EDITION
- STRUCTURAL DETAILING
- PRECAST CONSTRUCTION PLANNING REVIT
- STEEL STRUCTURAL MODELLING
- STEEL STRUCTURAL DETAILING
- VISUAL PROGRAMMING & GENERATIVE DESIGN
- PROJECT REVIEW & CLASH DETECTION
- BIM PROJECT SETUP
- BIM 360 DOCS



# COURSE PLAN

## BIM MASTERY

5 Month

- 2 Month Class
  - Autocad
  - Revit Architecture
  - Revit Structure
  - Navisworks Manage
  - Recap Pro
- 3 Month
  - Training
  - Projects
  - Architecture Project  
(LOD 350 - 2 Projects)
  - Structural Project  
(LOD 350 - 2 Projects)

# IN AEC PROJECTS BIM IMPROVES

- Team Collaboration
- Design Accuracy
- Clash Detection & Coordination
- Visualization & Communication
- Cost Estimation & Analysis
- Construction Sequencing & Planning
- Facility Operation & Maintenance
- Sustainability & Energy Analysis





# CERTIFICATION

Upon Successful completion of the Course, candidates will receive an industry-recognized certificate from NEXUSD-The BIM Learners. Adding this certificate to increase your chances of landing your dream job.

- Course Completion Certificate
- Project Completion Certificate
- Autodesk Certificate



*"BIM is not just a technology,  
but a process that transforms  
ideas into intelligent models,  
bridging the gap between  
imagination and construction."*



**ENROLL NOW!**



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