



2024

COMPLETE BIM ENGINEER



#Welcome_to_world_of_opportunities



WHY HIRE FROM US?

HIGHLIGHTS

- ✓ Syllabus designed by BIM Industry veterans
- ✓ Faculties from largest MNCs across India
- ✓ Candidates are trained for 140+ hours on CAPSTONE PROJECTS
- ✓ **One - to - one Mock-Interviews** & Feedbacks by BIM Industry Professionals to provide you filtered candidates
- ✓ Visual resume provided to review the candidate better

COURSE SYLLABUS



MODULE FIRST



Autocad for BIM



- Introduction to AUTOCAD
- Importing 2D plans in REVIT
- Creating 3D Model using 2D cad plant

- Exporting 2D sheets in AUTOCAD
- Linking CAD file in REVIT
- Controlling 2D CAD plan using Visibility Graphics

**SECOND
MODULE**

MODULE SECOND



5 weeks

Complete Revit Architecture with QS



- Introduction to REVIT
- Creating levels, grids
- Introduction to properties & project browser

- Creating openings & complex shapes using MODEL IN PLACE

- Estimation of Architectural Members
- Rendering & Walk-through

- Creating Architectural 3D-Model using Build, Circulation & Model
- Creating rooms, areas & assigning furniture & architectural components

- Creating toposurface using massing and site.
- Introduction to Visibility Graphics

THIRD
MODULE

MODULE THIRD



8/9 weeks

Modelling of RCC Elements with BBS



- Modelling of structural elements
 1. Footing
 2. Column
 3. Beam
 4. Slab
- Manual BBS Calculations
- REVIT BBS Calculations
- Structural Reinforcement modelling & detailing of complex structures
- Rebar Modelling using BS 8666:2020
- Structural sheet creation
- Exporting models into IFC & NWD formats

**FOURTH
MODULE**



MODULE FOURTH



1 week

Post Modelling Works : Naviswork



- Linking IFC, NWD formats & performing clash detections.
- Sectioning & review tools
- Rendering & walk-through in NAVIS
- Generating Clash reports & clash resolution
- Use of annotation & Measurement tools

**REVIT
MEP**



MODULE FIFTH



REVIT MEP + FIRE FIGHTING



Revit MEP Basics :

- Exploring the User Interface,
- Ribbon Framework, Guidelines for Using the User Interface,
- About Building Elements, About Families,
- Basic Drawing Tools, Basic Modifying Tools

Viewing the Model :

- About Views, Creating Views,
- View Properties, View Templates,
- Object Visibility Settings,
- About Section Views, About Elevation Views,
- About 3D Views

Starting a New Project :

- About Projects, Project Settings, Project Templates
- About Revit File Types,
- Creating Project Templates,
- Linking Revit Models, Linking Revit Architecture Projects,
- About Mechanical Settings,
- About Electrical Settings,
- Importing and Editing DWG Details



MODULE FIFTH

REVIT MEP + FIRE FIGHTING



HVAC Systems :

- Creating an HVAC System,
- Adding Mechanical Equipment and Air Terminals, Creating and Modifying
- Ductwork,
- Ducts and Duct Fittings, Duct Accessories etc.

Piping Systems :

- Creating Hydronic Piping,
- Pipes and Pipe Fittings,
- Pipe Accessories

Plumbing Systems :

- Creating Plumbing Systems,
- Adding Plumbing Fixtures,
- Adding Plumbing Equipment,
- Plumbing Pipes and Pipe Fittings,
- Assigning slope to the Drainage Pipes



MODULE SIXTH

REVIT MEP + FIRE FIGHTING



Fire Protection Systems :

- Creating Fire Protection Systems,
- Adding Sprinklers, Pipe and Pipe Fittings

Electrical Systems :

- Adding Light Fixtures, Adding Devices,
- Modelling Cable Tray,
- Adding Cables and Electrical Equipment

Families :

- Introduction to Families,
- Basic Family Creation tools,
- Creation of families,
- Duct Pipe and Electrical connectors,
- Editing of Existing Families
- Detailing and Drafting:
- Creating Callout Views,
- Working with Detail Views,
- Working with Drafting Views



MODULE SIXTH

REVIT MEP + FIRE FIGHTING



Annotations and Schedules:

- Adding Tags, Adding Dimensions,
- Symbols, and Text Creating Legends,
- Working with Schedules

Collaboration:

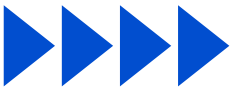
- Running an Interference Check,
- Multiple Disciplines and Linked Files,
- Interference report

Work sets and Work sharing:

- Concepts of Revit Work sharing,
- Creating the Central File, Creating Work sets,
- Understanding How Central and Local Files communicate, Closing a Work shared Project
- Understanding Editing Requests, Detaching a File from Central

Printing and Publishing :

- Introduction to Printing,
- Managing Print Settings,
- • Printing to PDF, Printing to DWF



MOCK INTERVIEWS

Mock-Interviews to ensure you a candidate that has high-probability of selection.



"Our mock-interview panel involves working professionals from various MNCs who help us filter the right candidate for you !"



MOCK INTERVIEWS

MEET OUR MOCK INTERVIEW PANEL



Er. Jaydeep Gade [KASHEC]

"Mr. Jaydeep, the BIM maestro, effortlessly transforms dreams into detailed digital realities with his awe-inspiring expertise in REBAR & CONCRETE modeling."

Er. Dipti Dhuri [AECOM]

"Ms. Dipti, the brilliant BIM specialist, orchestrates a symphony of efficiency and precision, raising the bar for excellence in every project she touches."



Er. Vaibhav Mahajan [SANVEO]

"Mr. Vaibhav is a distinguished BIM MEP expert. His expertise allow him to offer constructive feedback, enabling candidates to identify their strengths and areas for improvement, fostering growth."



Get in touch



Receive a call back



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