

PREMIUM COURSE

BIM TRAINING PROGRAM

BASIC TO ADVANCED


Step into the future of construction with **Building Information Modeling**

WHAT YOU WILL LEARN

- 1. BIM FUNDAMENTALS**
 - Introduction to BIM
 - BIM Dimensions (3D, 4D, 5D, 6D, 7D)
 - BIM Workflow & BEP
- 2. AUTOCAD FUNDAMENTALS**
 - Drawing Setup & Standards
 - Architectural & Structural Drawings
 - CAD Standards for BIM
- 3. REVIT ARCHITECTURE**
 - Modeling & Documentation
 - Families, Schedules & Quantities
 - Sheets & Plotting
- 4. REVIT STRUCTURE**
 - Columns, Beams, Foundations
 - Slabs & Reinforcement
 - Structural Documentation & BOQ
- 5. REVIT MEP**
 - HVAC, Plumbing, Fire Fighting
 - Electrical Systems
 - MEP Documentation
- 6. NAVISWORKS COORDINATION**
 - Model Federation & Clash Detection
 - Clash Report & Issue Tracking
 - Model Review

- 7. 4D BIM PLANNING INTEGRATION**
 - Linking with Primavera P6 / MS Project
 - Construction Simulation
 - Progress Monitoring
- 8. 5D BIM QUANTITY & COSTING**
 - Quantity Extraction & BOQ
 - Cost Estimation & Budget Control
 - Cost Monitoring
- 9. BIM COLLABORATION**
 - Common Data Environment (CDE)
 - Model Sharing & Work-sharing
 - Document Management
- 10. INFRASTRUCTURE BIM**
 - Road & Bridge BIM Concepts
 - Civil 3D Basics
 - Corridor & Surface Modeling
- 11. INDUSTRY PROJECT**
 - Residential & Commercial Projects
 - Clash Detection & 4D Simulation
 - Quantity Extraction
- 12. PLACEMENT PREPARATION**
 - BIM Roles & Responsibilities
 - Resume & Interview Preparation
 - Job Opportunities in BIM

WHY CHOOSE THIS COURSE?

-  Industry-Relevant Comprehensive Curriculum
-  Hands-on Training with Real Time Projects
-  Learn from Industry Experts
-  Practical Approach for Better Understanding
-  High Demand & Career Growth
-  Certificate of Completion

DURATION


3 MONTHS

FEES


₹35,500



EXPERT INSTRUCTORS



PRACTICAL LEARNING



LATEST TOOLS & SOFTWARE



CERTIFICATE OF COMPLETION



100% CAREER SUPPORT

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reinforceqst.com

About us

Reinforce Civiltech Private Limited is an ISO-certified training institute **established in 2016**, dedicated to providing practical and industry-oriented training in the field of construction and civil engineering. Our programs are designed to bridge the gap between academic learning and real-world industry requirements through hands-on training and expert guidance.

Over the years, we have trained and empowered **more than 1 lakh** students and professionals, many of whom are now working with reputed companies across India. We have also provided corporate training to leading companies such as **Patel Engineering, DLF , and Larsen & Toubro (L&T)** , along with conducting **100+ seminars and 500+ workshops** across colleges and construction organizations nationwide.

Vision

Our vision is to empower civil engineering students and working professionals with **practical knowledge and hands-on industry experience**. We aim to deliver training as per industry standards and requirements, helping trainees enhance their skills, improve employability, and secure rewarding career opportunities.

With more than **10 years of experience**, **Reinforce Civiltech Private Limited** has established itself as a trusted training provider in the civil engineering sector, supported by a team of experienced trainers and industry experts.

Training Glimpses

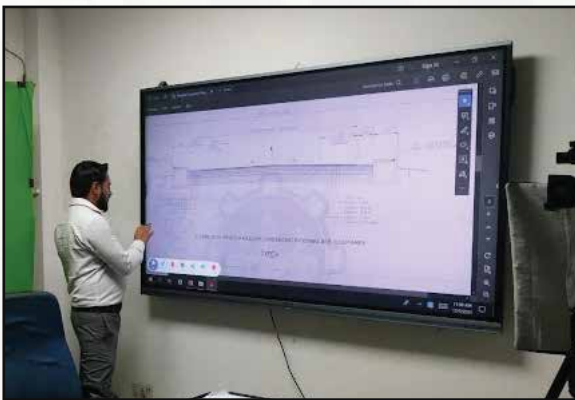


Training Process

This is our tried and tested training process method that helps to provide you with noticeable improvements in efficiency and communication among employees with the practical skills as per construction demand.



On-site Training



In-Class Training



Assessment & Certification

Professional Training Course

Master the most in-demand skill of Construction Industry, Engineering & Architecture and boost your career

Get trained from Industry Experts worked at



Training Module

Module 1 (BIM Fundamentals)

1. Introduction to BIM
2. BIM vs CAD
3. BIM Dimensions (3D, 4D, 5D, 6D, 7D)
4. BIM Execution Plan (BEP)
5. LOD (Level of Development)
6. BIM Workflow in Construction Projects

Module 2 (AutoCAD Fundamentals)

1. Drawing Setup
2. Layers & Standards
3. Architectural Drawings
4. Structural Drawings
5. Working Drawings
6. CAD Standards for BIM

Training Module

Module 3 (Revit Architecture)

1. Revit Interface
2. Project Setup
3. Levels & Grids
4. Walls, Doors, Windows
5. Floors & Roofs
6. Stairs & Railings
7. Families Creation
8. Schedules & Quantities
9. Sheets & Plotting

Module 4 (Revit Structure)

1. Structural Settings
2. Columns & Beams
3. Foundations & Slabs
4. Reinforcement Modeling
5. Structural Documentation
6. BOQ Generation

Training Module

Module 5 (Revit MEP)

1. HVAC Modeling
2. Plumbing Systems
3. Fire Fighting Systems
4. Electrical Systems
5. Cable Trays & Conduits
6. MEP Documentation

Module 6 (BIM Coordination using Navisworks)

1. Model Federation
2. Clash Detection
3. Clash Report Generation
4. Coordination Workflow
5. Issue Tracking
6. Model Review

Training Module

Module 7 (4D BIM (Planning Integration))

1. Introduction to 4D BIM
2. Linking Revit with Primavera P6
3. Linking Revit with MS Project
4. Construction Sequencing
5. Construction Simulation
6. Progress Monitoring

Module 8 (5D BIM (Quantity & Costing))

1. Quantity Extraction
2. BOQ Generation
3. Cost Estimation
4. Resource Planning
5. Budget Control
6. Cost Monitoring

Training Module

Module 9 (BIM Collaboration)

1. Common Data Environment (CDE)
2. Model Sharing
3. Work-sharing
4. BIM Standards
5. Document Management
6. Issue Resolution Process

Module 10 (Infrastructure BIM)

1. Road BIM Concepts
2. Bridge BIM Concepts
3. Civil 3D Basics
4. Corridor Modeling
5. Surface Modeling
6. Quantity Calculations

Training Module

Module 11 (Industry Project)

1. Residential Building Project
2. Complete BIM Model Creation
3. Structural Model
4. MEP Model
5. Clash Detection
6. 4D Simulation
7. Quantity Extraction
8. Commercial Building Project
9. End-to-End BIM Workflow
10. Coordination Meetings
11. Client Deliverables

Module 10 (Placement Preparation)

1. BIM Engineer Roles & Responsibilities
2. BIM Coordinator Roles
3. BIM Manager Introduction
4. Resume Preparation
5. Interview Questions

Career Scope After Training

You can Become:

BIM
Engineer

BIM
Coordinator

BIM Modeler

Revit Modeler

BIM Consultant

BIM Manager

Experience Required

Opportunities available in Infrastructure, Highway, Bridge, Metro, Building & Industrial Projects.

Industries Where Surveyors Work



**Building
Construction
Projects**

**Highway &
Expressway
Projects**



**Railway,
Metro & Bridge
Projects**

**Mining &
Infrastructure
Projects**



Who Can Join This Training



**10th, 12th
Students**



**ITI/ Diploma
/ B-Tech
Students**



**Civil
Engineering
Students**



**Working
Professionals**

Countries with High Demand



Australia



Canada



New Zealand



United Arab Emirates



Saudi Arabia



United States



Germany



Qatar



Singapore



Oman



Kuwait



Norway



Sweden



South Africa

Features of the Program

- Practical Site Oriented Training
- Live Instrument Handling
- Real Project Based Learning
- Industry Experienced Trainers
- AutoCAD & Excel Included
- Weekly Practical Sessions
- ISO Authorized Certification
- Interview Preparation Support
- Job Assistance