



MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out



YEARS OF
EXCELLENCE

31000+

Enrolled Students

17000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Advance Your Career with
Revit Structure

About us

Milestone Institute of Technology is a prominent institution that aims to be a global leader in teaching programs and the preferred training hub for the IT-ITES, Architecture/Construction, Mechanical, Graphic Design, Industrial Automation and Information Technology sectors. With a focus on providing quality qualifications, Milestone strives to enhance individuals' future prospects and opportunities, ensuring that their credentials are widely recognized and valued by employers and universities worldwide. One of Milestone's unique strengths lies in its ability to align its training programs with industry requirements. Through its subsidiary, **Milestone PLM Solutions Pvt. Ltd.**, Offers engineering design services to global companies, allowing students to receive practical,

hands-on training that prepares them for real-world challenges. Milestone Institute of Technology offers master diploma courses tailored to the needs of ITI, Diploma, and Graduate Engineering students specializing in **Mechanical, Civil, Architectural, Interior, Graphic Design, Industrial Automation, and Information Technology** streams. By providing comprehensive and industry-oriented education, Milestone equips its students with the skills and knowledge necessary to thrive in their respective fields. With a commitment to excellence and a forward-looking approach, Milestone Institute of Technology strives to shape the future of education by producing highly skilled professionals who contribute to the growth and development of industries on a global scale.



Mission and Vision

Our mission at Milestone Institute of Technology is to provide a comprehensive education solution that empowers students and enables them to excel in their chosen fields. Milestone believes in delivering a **high-quality, hassle-free education** experience to our students and thus ensuring their success and growth. Our vision is to be a global and unique leader of transformative education solutions. We aim to revolutionize the learning experience by leveraging technology and offering a diverse range of programs that meet the evolving needs of students and industries worldwide. Through our continuous efforts towards excellence, Milestone aspire to empower students and contribute to the advancement of society as a whole.

Why study with MIT?

What sets MIT apart from the rest of the institutions?

- From Last 22+ years we are in Training and Engineering Design Services, consistently upholding our commitment to excellence.
- Backed by our own Engineering Design Company, Milestone PLM Solutions Pvt. Ltd. Personalize Training.
- Our highly skilled faculty deliver top-notch professional knowledge and offer personalised training to each student.
- Every student receives personalized guidance and individual attention to strengthen concepts, improve practical skills, and achieve better learning outcomes.
- We employ specialised visual teaching methods to accelerate your learning. All courses feature instruction using the latest software versions.

Milestone Education Mission

Milestone aims to be a global leader in teaching programmes and the first-choice training hub for IT-ITES, Architecture/Construction, Mechanical, Industrial Automation, Graphic Design and IT sectors. Our goal is to enhance an individual's future prospects and opportunities by providing high-quality qualifications that are widely recognized and valued by employers and universities worldwide. Milestone-trained students are equipped with skills tailored to industry requirements, as Milestone also provides engineering design services to global companies through Milestone PLM Solutions Pvt. Ltd. Additionally, Milestone offers Master Diploma courses for ITI, Diploma, and Graduate Engineering students in the Mechanical, Civil, Architectural, Interior, Graphic Design, Industrial Automation, and IT streams.

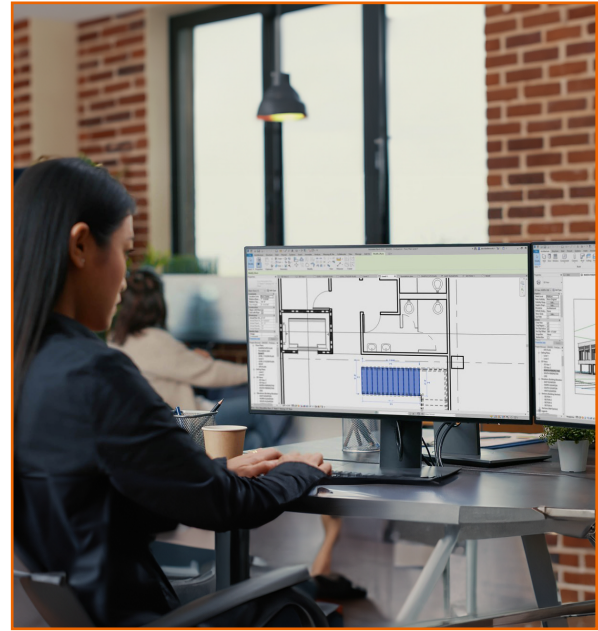


Advance Your Career with Revit Structure

Specialize in structural design with our Revit Structure Course. Learn to create, analyze, and document structural designs using BIM technology. This course is tailored for structural engineers looking to enhance their skills and streamline their project workflows.

Overview

Our Revit Structure Course with Training offers an in-depth exploration of BIM for structural engineering. Gain hands-on experience creating and managing structural designs, ensuring accuracy and collaboration throughout the project lifecycle. Ideal for professionals aiming to advance their expertise in structural design.



Why Choose This Course?

Excel in Structural Design with Revit Structure

Our Revit Structure Course equips you with advanced skills in Revit Structure, preparing you for a successful career in structural engineering. With expert instruction and practical projects, you'll gain the confidence to tackle complex structural design challenges.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

Receive continuous feedback to enhance your learning.



Continuous Feedback

Receive continuous feedback to enhance your learning.

Advance Your Career with Revit Structure

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Contact: +91 98198 57244 8454065555	8 Weeks (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to Revit Structure Software

- Overview and Interface
- Basic Tools and Functions
- About Building Information Modeling
- About Bidirectional Associativity

Revit Structure Basics

- Exploring the User Interface
- The Revit Structure User Interface
- The Ribbon Framework
- Working with Structural Elements and Families
- About Structural Elements
- About Families

Viewing the Structural Model

- Working with Views
- About Views
- View Parameters
- Controlling Object Visibility
- About Controlling Object Visibility
- View Templates
- Modifying Line Styles
- Using Filters
- Working with Elevation and Section Views
- About Elevation and Section Views
- Controlling Visibility of an Elevation Tag
- Working with 3D Views
- About 3D Views
- Navigating Through a 3D View
- About Cameras
- Creating and Modifying Camera Views
- Changing Material Properties

Starting a New Project

- Starting a New Project
- About Projects
- Creating Project Templates
- Creating elevations
- Adding and Modifying Levels
- About Levels
- Adding and Modifying Levels
- Adding and Modifying Grids
- About Grids
- Methods of Creating and Modifying Grid Lines

Creating Structural Columns and Walls

- Working with Structural Columns
- About Structural Columns
- Loading Structural Columns
- Creating Structural Column Types
- Structural Column Tools and Options
- Creating Openings in Structural Columns
- About Structural Walls
- Working with Structural Walls
- Structural Wall Type Parameters
- Structural Wall Instance Parameters
- Continuous Footings and Pilasters
- Process of Modeling Structural Walls
- About Wall Pilasters
- Creating Wall Openings

Creating Frames

Creating Floors and Roofs

Creating Foundations

- Adding Foundations
- About Foundations
- Creating Stepped Walls and Foundations

Additional Building Components

Creating Plan Annotations and Schedules

- Adding Dimensions
- About Temporary Dimensions
- About Permanent Dimensions
- About Spot Dimension Symbols
- Working with Text and Tags

Creating Detailing

Creating Construction Documentation

Steel

- Managing Connection Between Steel Members
- Adding Custom Fabrication Elements
- Modifying Structural Members
- Adding Parametric Cuts

Precast

- Segmentation of Precast Family Components
- Defining Connections
- Adding Reinforcement
- Shop Drawing
- Exporting model for CAM

Project Work

- Real-Life Drafting Projects
- Capstone Project

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- Revit structure

Who should attend

- Civil Engineers
- Civil Draughtsmen
- Interior Designers
- Architect

Targeted Job Roles

- Architect
- Interior Designer
- 3D Modeler
- Design Professional
- Visualization Specialist



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INSTITUTE OF TECHNOLOGY

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