



MILESTONE
INSTITUTE OF TECHNOLOGY

Since 2004...

20
YEARS

OF EXCELLENCE

21000+

Enrolled Students

10000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Master Diploma in
Civil BIM

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 20+ years we are in Training and Engineering Design Services, consistently upholding our commitment to excellence.
- We employ specialised visual teaching methods to accelerate your learning. All courses feature instruction using the latest software versions.
- Our highly skilled faculty deliver top-notch professional knowledge and offer personalised training to each student.
- We keep tracking student progress through assignments and projects.

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.



Civil BIM

Explore our specialised Civil Engineering courses to equip future industry designers and planners with the essential skills to excel in Civil Engineering projects. Learn how to create detailed and accurate Structural BIM models that enhance project planning, execution and management. Whether you're looking to boost your skills or start a new career, our Civil Engineering Software courses offer in-depth training to help you become a leading AEC professional.

Civil BIM Software

Civil BIM (Building Information Modeling) involves creating and managing digital representations of the physical civil engineering projects and functional characteristics of civil, which are crucial for designing and managing infrastructure projects like roads, bridges, Buildings and utilities. Enrolling in Civil Engineering Courses that cover Civil BIM can help professionals improve project outcomes, optimise resource management, and ensure better stakeholder coordination.



Live Projects

Work on US based live projects and expand your portfolio international BIM standards.



Autodesk Certification

Internationally valid Autodesk certification to flaunt your skillset globally.



100% Placement

We assist you in finding the right job opportunities.

Master Drafting Skills With Civil Draughtsman

Unlock your potential as a Civil Draughtsman with our expert training program. Learn to transform architectural designs into precise technical drawings that ensure accurate construction plans and seamless project execution. Our Civil Draughtsman Course offers an in-depth understanding of drafting techniques, software tools, and industry practices.

Overview

Our Civil Draughtsman Course with Training is designed to equip you with essential skills for creating detailed technical drawings. You'll gain proficiency in industry-standard drafting techniques and software, preparing you for a successful career in the construction and architecture sectors.



Why Choose This Course?

Advance Your Career with Specialized Draughtsman Training

This Civil Draughtsman Course provides a comprehensive civil and architectural drafting education, combining theoretical knowledge with practical application. With expert instruction and real-time projects, you'll gain the skills needed for success in the field.



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.

Master Drafting Skills With Civil Draughtsman

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Pls Contact For More Information	2 Months (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Need of Engineering Drawing

- What is drawing, Use
- Introduction to Engineering Drawing

Units

- Conversion of Units
- Unit Systems – Metric, ANSI, IS

Orthographic Projections

- Preparation of sketches
- Line, circle, arcs, Ellipse etc.
- Types of Lines, line weights
- Dimensions
- Projection of Solids
- First Angle method
- Third Angle method
- Standard views
- Templates, Std. formats
- Dimensions as per IS standards

Section

- What is section
- Section views
- Convention in section views
- Section of Solids

Isometric

- Isometric concept
- Need of isometric views
- Isometric Exercise
- Dimensioning

Civil Features

- Building Drawings
- Construction materials
- RCC, Foundation, Masonry
- Roof, Stairs, Walls, doors etc
- Landscaping
- Std symbols for fans, lights, other fittings etc

Advance Features

- Blue prints
- Introduction to AutoCAD

Project Work

- Real-Life Drafting Projects
- Capstone Project

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- MIT Certificate

Who should attend

- 10th and 12th Students and Graduate from any stream.

Targeted Job Roles

- Architectural Draughtsman
- Civil Draughtsman
- Technical Illustrator
- CAD Technician
- Project Coordinator

<https://milestone.ac.in/courses/civil-draughtsman-architecture-draughtsman>



To Know More Information

Advanced Design and Engineering

AutoCAD Civil 3D

Dive into AutoCAD Civil with our comprehensive AutoCAD Civil 3D Training Course. Learn to create precise 2D and 3D designs, streamline your design process, and enhance collaboration in the construction industry. This course provides hands-on experience with one of the most powerful design tools in civil engineering

Overview

Our AutoCAD Civil 3D Training Course thoroughly explores this essential software for civil engineers and architects. From basic commands to advanced design techniques, you'll gain the skills to produce detailed and accurate designs for civil engineering projects.



Why Choose This Course?

Enhance Your Design Skills with AutoCAD Civil

Our AutoCAD Civil 3D Training Course provides in-depth training in AutoCAD Civil, preparing you for advanced design and engineering roles. Gain practical skills and real-world experience with expert instruction and industry-relevant projects.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

Receive continuous feedback to enhance your learning.



Continuous Feedback

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Advanced Design and Engineering

AutoCAD Civil 3D

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Pls Contact For More Information	2 Months (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to AutoCAD Architectural

- Overview and Interface
- Basic Commands and Tools
- Introduction to CAD
- 2D Fundamentals

Site Design and Analysis

- Preparation of sketches: Lines, Circles, Rectangular etc
- Dimension Style
- Layer Overview, modifying layer attributes
- Editing & modification of sketches
- Scaling objects, views
- Duplication using mirror, copy, pattern etc
- Dimensioning techniques
- Creating & editing blocks
- Hatch, trim, extend, tables etc

Isometric Drawing

- Concept
- Snap
- Drawing Isometric objects
- Dimensioning

AutoCAD 3D

- Introduction to 3D
- Extruding and revolving objects
- UCS concept and it's use
- Boolean using union, subtract and intersect
- Standard views
-

Advance Features

- Photo rendering
- Printing Documents
- Templates Insertion
- Motion path Animation

Project Work

- Real-Life Drafting Projects
- Capstone Project

Receive the following when attending a course at Milestone :

- Internationally Recognised Autodesk
- Certificate
- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- Autodesk Course Completion
- AutoCAD Architectural

Who should attend

- Mechanical Engineers, and Mechanical
- Draughtsmen

Targeted Job Roles

- Architect
- Surveyor
- Design Engineer
- CAD Technician
- Project Manager

<https://milestone.ac.in/courses/autocad-civil-3d>



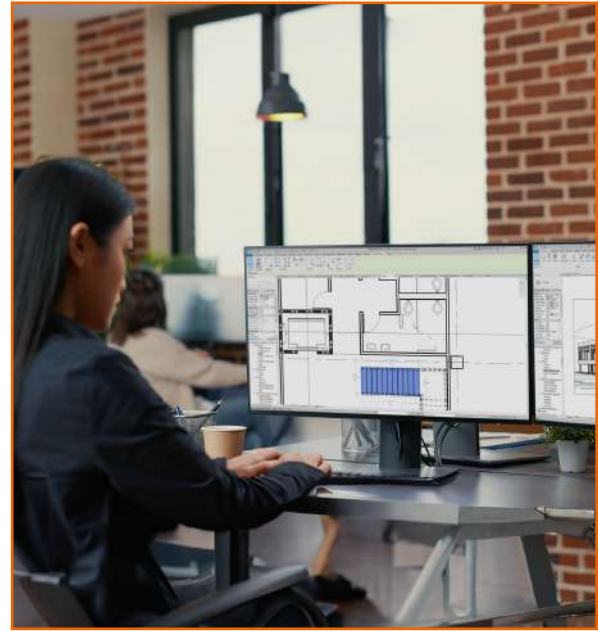
To Know More Information

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
Pls Contact For More Information	2 Months (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:

- SketchUP

Who should attend

- Civil Engineers
- Civil Draughtsmen
- Interior Designers
- Architect

Targeted Job Roles

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

<https://milestone.ac.in/courses/civil-revitStructure>



To Know More Information

Advance Your Career with Tekla

Specialize in structural design with our Tekla Course and Training. 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 Tekla Course with Training Program offers an in-depth exploration of structural engineering. Gain hands-on experience creating and analysing structural designs, ensuring accuracy and collaboration throughout the project lifecycle. Ideal for professionals aiming to advance their expertise in structural design and analysis.



Why Choose This Course?

Excel in Structural Design with Tekla

Our Tekla Course equips you with advanced skills in Tekla Software, 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 Tekla

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Pls Contact For More Information	2 Months (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Understanding Tekla
Versions, Environment, Role
and Configuration

Introduction to the Model GUI

Creating and modifying grids

Member Placement

Construction tools catalogs

Creating Phases, bolts, welds

Basic connections (Macro's)

Basic Numbering

Shop and Erection drawing
drafting

Printing tools

Advance Numbering

Templates and layouts
creation

RPT creation

Custom components

Auto connections

Advanced Filtrations

Smart tools of Modelling and
editing.

**Receive the following
when attending a course
at Milestone :**

- Internationally
Recognised Autodesk
- Certificate
- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- Autodesk Course
Completion
- -3DS Max

Who should attend

- Civil Engineers
- Civil Draughtsmen

Targeted Job Roles

- Structural Engineer
- Structural Designer

<https://milestone.ac.in/courses/civil-tekla>



To Know More Information

Advance Your Career with Staad Pro

Specialize in structural design with our Staad Pro Course and Training. 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 Staad Pro Course Training Program offers an in-depth exploration of structural engineering. Gain hands-on experience creating and analysing structural designs, ensuring accuracy and collaboration throughout the project lifecycle. Ideal for professionals aiming to advance their expertise in structural design and analysis.



Why Choose This Course?

Excel in Structural Design with Staad.Pro

Our Staad Pro Course equips you with advanced skills in Staad.Pro, 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 Staad Pro

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Pls Contact For More Information	2 Months (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction

- About STAAD.Pro and Applications
- Application in Industry vs University comparison
- Traditional Structural Analysis vs. MODERN approach
- By HAND Vs. By computer
- Finite Element Method Introduction
- FEM Solutions

STAAD Module Orientation

- Analysis capability and International Code support
- 3rd part integration support
- GUI Quick overview
- Model Generation Techniques
- Command File editor info
- Built-in info order
- Finite Element modeling
- Load types and Generation
- Model Verifications
- Adv. Analysis capability
- Result verification and post processing
- Design code-RCC and Steel
- Solving Method
- Solving Approach
- How to start STAAD.Pro V8i
- Navigating STAAD.Pro V8i GUI
- Configuration & Settings
- Unit and Code configuration
- Back Up Manager
- Opening and Saving Projects
- Overview of Structure
- Status Bar details, Hierar-

- chy Managing
- Understand the different component of GUI

Geometry Operations

- Renumbering
- Importing CAD Files
- Details About Grid systems in STAAD.
- Types of Structure and Methods
- Types of Element
- Mode of Structure
- Creating Geometry for Structure
- How to create Beam /Column & Curved Beams
- Structure Wizard
- Structure Wizard Model and STAAD Transfer
- Modifying Geometry for Structure Copy /CopyLink/Rotate/Mirror etc)
- Add Mid points, Cut Section
- Add Perpendicular inter-section beam
- Stretch /Split BEAMS
- Hot spots, Fill Plates
- Different Viewing Controls for Structure Geometry
- Boundary Conditions & Properties
- Properties of beam/column
- Display properties, Rendering
- Steel profiles
- Material + CROSS SECTION
- Beam and column end offset + adv. options
- Use cursor to assign and selection, View assign
- Types of support
- Material Assignment
- Material creation

Load Types

- Load case
- Defining Load case
- Dead Load defining
- Imposed Load defining (LIVE)
- Point Load, UDL Load, Floor Load, Area Load
- Wind Load -IS Code based
- Seismic Load-IS Code based
- Load combinations, Auto LOAD Combinations
- Envelopes
- ProjProjects on Buckling
- ects

Post-Processing

- Analysis Outline, Analysis/Print
- Beam2D
- Post Processing
- Internal Hinge, Truss2D
- Inclined Support & Support Settlement

Analysis

- P-Delta Analysis
- Bracing with Truss or Tension Members
- Building with Flat Slab & Shear
- Transfer Force for Connection Design
- RCC Design & Analysis
- RCC Design and Analysis
- Loads and Repeat Load case for RCC
- IS RCC Codes and STAAD.Pro
- Slab Design and Analysis
- IS CODE Check
- Modal Analysis
- What is Modal Frequency or fundamental Frequency
- Necessary for conducting Modal Analysis
- Parameters need to check after Analysis

Receive the following when attending a course at Milestone :

- **Placement Support**
- **Free eBook**
- **Course Material**

Exams and Certifications:

- **Staad Pro**

Who should attend

- **Civil Engineers**
- **Civil Draughtsmens**

Targeted Job Roles

- **Structural Engineer**
- **Structural Designer**

<https://milestone.ac.in/courses/civil-staadpro>



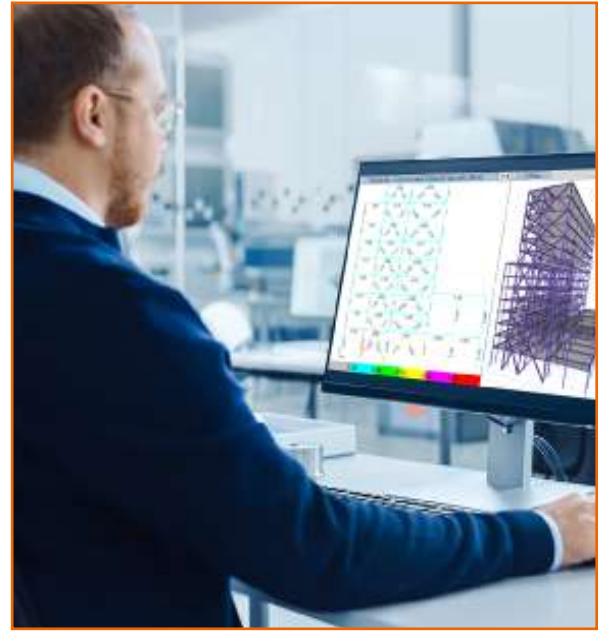
To Know More Information

Advance Your Career with Etabs

Learn how to analyze and design structures with our ETABS course. Master ETABS software to learn about building modeling, analysis, and design. Participate in real-world projects to obtain practical experience. To improve your abilities in structural engineering, Enroll now!

Overview

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



Why Choose This Course?

Excel in Structural Design with Etabs

Our Etabs Course equips you with advanced skills in Etabs, 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 Etabs

TRAINING PRICE

Pls Contact For More Information

COURSE DURATION

2 Months (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to ETABS

- Overview of ETABS
- Getting Help
- Templates and Defaults
- Graphical User Interface
- ETABS Screen Menus
- Units System
- Coordinate Systems

Modelling In ETABS

- Starting a New Model
- New Model Quick Templates
- Grid System Data
- Add Structural Objects
- Edit Stories and Grid Systems
- Add Grid at Selected Joints
- Grid Options
- Save the Model

Editing Properties

- Replicate
- Extrude
- Extrude Joints to Frames
- Extrude Frame to Shells
- Merge Joints
- Align Joints/Frames/Edges
- Move Joints/Frames/Shells
- Edit Frames
- Edit Shells
- Divide shell
- Merge shell
- Chamfer shell
- Expand/ shrink shell
- Show selected object only (view)
- Invert visibility of objects
- Refresh view

Defining Properties

- Material Properties
- Load Patterns
- Shell Uniform Load Sets
- Load Combinations

Structural Objects

- Draw Grids
- Draw Joint Object
- Draw Dimension Lines
- Draw Joint Object
- Draw Beam/- Column/Brace
- Object
- Draw Floor/Wall Objects
- Draw Reference Points
- Draw Reference Planes
- Draw Wall Stacks
- Snap Option

Selection of Properties

- Select
- Deselect
- Invert Selection
- Set building view limit.

Assign Joint

- Frame
- Shell
- Joint Loads
- Frame Loads
- Shell Loads

Design

- Steel Frame Design
- Concrete Frame Design
- Composite Column Design
- Shear Wall Design

Detailing

- Detailing Process
- Edit Views
- Create and Manage Drawing Sheets

Display & Generate Result

- Obtain Basic Graphical Display
- Display Units
- Load Assign
- Graphical Displays using Model Explorer
- Tabular Display of Results

- Summary Report
- Export Results

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- Etabs

Who should attend

- Civil Engineers
- Civil Draughtsmens

Targeted Job Roles

- Structural Engineer
- Structural Designer

<https://milestone.ac.in/courses/civil-etabs>



To Know More Information

REG. OFFICE THANE

201, Siddhashram CHS, Gokhale Rd, opp. Hanuman Temple, next to Ishan Arcade, Thane (W), 400602
Contact: +91 9819857244 +91 8454065555 Email: training@milestone.ac.in

ANDHERI

10, Vivina Bldg. No. 3, NADCO Shopping Center, Next to Bus Depot, Andheri (W), Mumbai - 400058.
Tel : +91 9702123388+91 9322842025
Email: andheri@milestone.ac.in

BORIVALI

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Phone: +91 9892694995 | +91 91378 75152
Email: borivali@milestone.ac.in

GHATKOPAR

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RATNAGIRI

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