



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

Master Electrical System Design with
AutoCAD Electrical

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.



Master Electrical System Design with **AutoCAD Electrical**

Learn to create precise and detailed electrical system designs, enhancing efficiency and accuracy in your projects. This Autocad Electrical Course empowers engineers to easily develop electrical diagrams, schematics, and plans.

Overview

Electrical AutoCAD is a specialized software that helps electrical engineers design complex electrical systems. This Autocad Electrical Course will cover all aspects of AutoCAD, from basic commands to advanced electrical design features, ensuring you become proficient in using the tool for project planning and execution.



Why Choose This Course?

Transform Your Skills in Electrical Engineering

Gain the skills to design accurate electrical systems using AutoCAD, a critical tool in the field of electrical engineering.



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 Electrical System Design with AutoCAD Electrical

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

8 Weeks (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to AutoCAD Electrical

- Introduction to CAD
- 2D Fundamentals

Electrical Schematic Design

- 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

Advanced Electrical Drafting

- Use of Xref
- Power Diagram DOL Starter
- Electronic Circuit Diagram
- Power Diagram Start Delta Starter
- Panel Layout
- IEC Symbols

AutoCAD 3D

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

Isometric

- Isometric concept
- Isometric snap

- Drawing Isometric objects
- Dimensioning

Advance Features

- Photo rendering
- Printing Documents
- Templates Insertion

Capstone Project

- Real Life Projects / Live Projects

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 Electrical

Who should attend

- ITI or Draughtsman, Diploma or BE/BTECH from Electrical Branch

Targeted Job Roles

- Electrical Design Engineer
- AutoCAD Electrical Drafter
- Electrical Systems Planner
- Project Engineer





MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out

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

16, Vivina 2B, NADCO Shopping center,
Opposite Station, Andheri West – 400058.
Tel : +91 9702123388 | +91 9322842025
Email: andheri@milestone.ac.in

BORIVALI

201, 2nd floor, Mudra Society, Chandavarkar Rd,
opp. Dattani Trade Centre, behind Byke hotel,
Borivali West, Mumbai, Maharashtra 400092.
Phone: +91 9892694995 | +91 91378 75152
Email: borivali@milestone.ac.in

GHATKOPAR

201 Rajgor Empire, khot Lane, Opp Bata showroom. Ghatkopar west. Mumbai – 400086
Phone: +91 8369919983 | +91 8369984022
Email: ghatkopar@milestone.ac.in

RATNAGIRI

309 B wing, Navkar Plaza, Maruti mandir,
Ratnagiri, Maharashtra 415612
Phone: +91 7666464099 | +91 9029542464
Email: ratnagiri@milestone.ac.in