



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

Transform Manufacturing with Our

Industrial Automation Courses

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.



Industrial Automation

Step into the future of manufacturing with our comprehensive Industrial Automation courses. Learn the latest techniques and technologies to create smart, efficient factories. Our hands-on approach ensures you to gain practical skills in high demand in the industrial sector.

Industrial Automation Software

Industrial Automation refers to using control systems for operating equipment in manufacturing plants, boilers, heat treating ovens, switching on telephone networks, steering ships, aircraft, and other applications. Our courses will provide you with the knowledge and skills to excel in automating industrial processes.



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 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 it's 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



Advance Industrial Automation & Control with PLC SCADA

Learn how to integrate PLCs and SCADA systems for industrial automation in this PLC SCADA Course, enhancing process control and monitoring for increased efficiency and reliability.

Overview

This PLC Scada Course combines PLC programming with SCADA systems, offering you the skills to remotely automate and monitor industrial processes. From programming logic controllers to developing efficient SCADA interfaces, you'll learn everything needed to excel in industrial automation.



Why Choose This Course?

Master Industrial Automation with PLC and SCADA

This hands-on, immersive PLC SCADA Course will help you Develop expertise in automating and controlling industrial processes.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

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Continuous Feedback

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Advance Industrial Automation & Control with PLC SCADA

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 PLC Programming

- Introduction to Industrial Automation
- Introduction to PLC
- Architecture of PLC
- Types of PLC
- Classification of I/O field devices
- Sinking/ Sourcing wiring concept

ALLEN BRADLEY PLC (MicroLogix 1400)

- Wiring diagram
- Families
- Features
- Addressing
- Introduction to RSLogix Software
- Introduction to RSLogix 500 Software
- Bit instructions
- Timer and Counters
- Input/Output
- Compare instructions

- Compute/math instructions
- Move and Logical Instructions
- File Shift and sequencer Instructions

Siemens PLC S7-1200

- Wiring diagram
- Families
- Features
- Expansion modules
- Introduction to TIA software
- Bit instructions
- Compare/ Math Instruction
- Timer, Counter Configuration

SCADA

- Introduction
- Types
- Features
- Manufacturers
- Introduction to tags & its types
- Alarm Configuration

- Trends- Real Time & Historical
- Security
- Scripting
- Interfacing with PLC

Delta PLC DVP- 14SS2

- PLC Hardware/Architecture
- PLC Scan Cycle
- Bit, Byte & Word Instructions
- Program Control Instructions
- Timer, Counter Configuration
- Instruction Set
- Uploading, Downloading, Monitoring of program
- I/O Modules Configuration
- Subroutine and Interrupts Programming
- Communication Drivers
- Analog I/O Addressing, Digital I/O Addressing

Capstone Project

- Real Life Project / Live Project

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- PLC SCADA

Who should attend

- Graduate from Industrial Automation
- Professionals from Industrial Automation

Targeted Job Roles

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

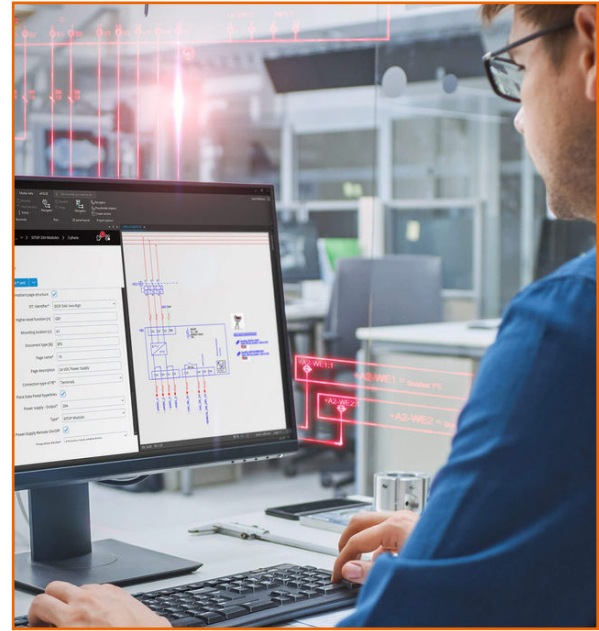


Master Electrical Design Excellence Skills with E-PLAN

Learn to use E-PLAN software in this E-PLAN Course to manage, design, and document electrical engineering projects more efficiently and precisely.

Overview

E-PLAN is a widely used software in electrical engineering that simplifies project management, design, and documentation. This E-Plan Course covers using E-PLAN from basic functions to advanced design and documentation tools, preparing you for comprehensive project execution.



Why Choose This Course?

Streamline Electrical Engineering with E-PLAN

Become proficient in using E-PLAN for electrical project management, improving your design efficiency and documentation accuracy.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

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Continuous Feedback

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Master Electrical Design Excellence Skills with E-PLAN

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

15 Days (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to E-plan

- Overview of E-PLAN software and interface
- Project setup and navigation
- Understanding workflow and standards

Basics of IEC Symbols

- IEC symbol library introduction
- Placing and editing electrical symbols
- Understanding symbol attributes
- Click for Next Module

Creating Single Line Diagram

- Designing single-line diagrams
- Adding components and connections
- Maintaining diagram standards

Member Placement

- Placing electrical devices in the project
- Adjusting placement properties
- Ensuring correct alignment and layout

Construction tools catalogs

- Using standard E-PLAN catalogs
- Adding manufacturer data
- Organizing custom component libraries

Creating Phases, bolts, welds

- Defining project phases in E-PLAN
- Documenting mechanical connections
- Assigning welding and bolting details

Creating Power Diagram

- Designing power distribution diagrams
- Linking components to power circuits
- Ensuring correct load representation

Generating Bill of Materials

- Extracting component data
- Customizing BOM formats
- Exporting BOM for procurement

Generating Title Page

- Creating project cover/title pages
- Adding project metadata and logos
- Maintaining company branding standards

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- e-plan

Who should attend

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

Targeted Job Roles

- Electrical Engineer
- Project Manager
- Electrical System Designer
- E-PLAN Specialist

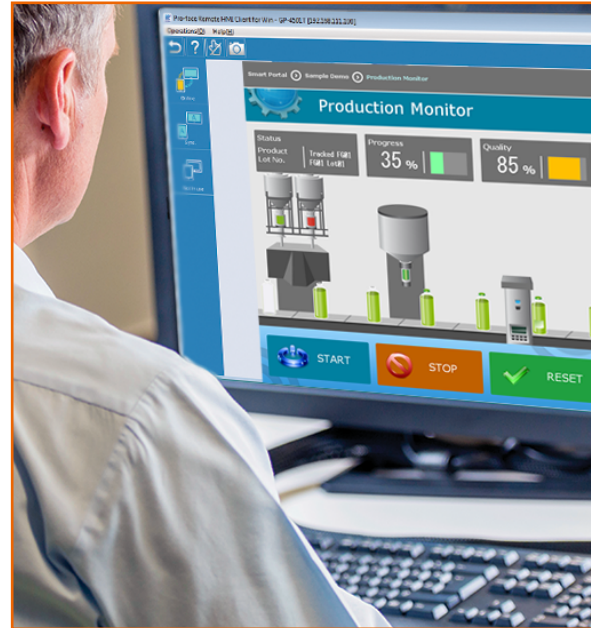


Master the Art of HMI (Human-Machine Interface)

Become proficient in designing and implementing HMI systems for industrial applications with our HMI Course, enabling seamless interaction between operators and machines.

Overview

This HMI course & training focuses on Human-Machine Interface, providing the skills needed to develop efficient graphical interfaces that enhance the usability of industrial machines and systems. You'll learn how to design user-friendly interfaces for smooth operations.



Why Choose This Course?

Enhance Usability and Control with HMI

Gain the knowledge to design user-friendly interfaces that ensure efficient machine operation and control in industrial settings.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

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Continuous Feedback

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Master the Art of HMI (Human-Machine Interface)

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

15 Days (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to HMI & Its Software

- Understanding HMI concepts and architecture
- Overview of popular HMI software platforms
- Basic interface navigation and configuration

Creating Analog & Digital Tags

- Defining and configuring analog tags
- Creating and managing digital tags
- Tag linking with PLC variables

Script Writing for Given Applications

- Introduction to scripting in HMI software
- Developing basic automation scripts

- Applying scripts to control processes

Alarm Generation

- Setting up alarms for process monitoring
- Configuring alarm triggers and severity levels
- Displaying and acknowledging alarms in HMI

Generating Trends (Historical & Real Time)

- Creating real-time process trend displays
- Configuring historical data logging
- Visualizing and analyzing stored process data

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- HMI

Who should attend

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

Targeted Job Roles

- HMI Designer
- Automation Engineer
- Control Systems Specialist
- User Interface Developer



Master Motor Control and Variable Frequency Drive With MCC & VFD

Learn to design, operate, and maintain MCC and VFD systems with our MCC and VFD Course, gaining expertise in controlling motor speed and torque for industrial applications.

Overview

This MCC and VFD Course covers Motor Control Centers (MCC) and Variable Frequency Drives (VFD), teaching how to regulate electric motors for optimal performance. You'll learn to control motor speed, torque, and energy efficiency using VFDs and MCCs in industrial environments.



Why Choose This Course?

Optimize Motor Control with MCC and VFD

Develop the expertise to manage motor control systems, improving energy efficiency and operational control in industrial settings.



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 Motor Control and Variable Frequency Drive With MCC & VFD

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

15 Days(Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to MCC & VFD Systems

- An Introduction to MCC Panel
- Why MCC Panel necessary

Motors

- Study of Different types of motors

Circuit Breaker and Protection Element

- Basics of MCB, MCCB, ELCB, ACB etc.
- Basic of Relays, Contactor, Thermal Overload Relay
- Calculation of above element

Motor Starter Types

- Introduction to types of motor starter
- DOL and Remote DOL Starter diagram study and designing
- Star-Delta Starter diagram study and Designing

MCC Panel Designing

- Panel Designing Guide
- Practical control wiring of Motor starter
- Safety and Management Concept of VFD

VFD Basic

- Introduction to Basic concept of VFD

- Benefits of VFD over other starting method (DOL, RDOL, Star-Delta)
- Architecture of VFD

VFD practical

- VFD manual reading and parameters setting
- Different control modes of VFD (Local, 2 wire and 3 wire modes)
- Hands on Experience on integrated system

Capstone Project

- Real Life Projects / Live Projects

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- MCC & VFD

Who should attend

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

Targeted Job Roles

- Motor Control Engineer
- VFD Specialist
- Automation Engineer
- Maintenance Engineer





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INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out

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