KITECH

Knowledge & Innovation In Technology and Education

AUTO CAD

NURTURE | UPGRADE | IGNITE

FEATURES OF PROGRAM

STUDY ONLINE

According to your availability

CERTIFICATIONS

Training completion certificate

BEGINNER FRIENDLY

No basic knowledge required

DOUBT CLEARING SESSIONS

Get Your Doubts Solved Fast

PROJECTS

Mini& Major projects

PLACEMENT GUIDANCE

Empowering Your Career

OUR MOTIVE

NURTURE

Guiding growth,inspiring futures

UPGRADE

Transfor Today upgrade for tomorrow

IGNITE

Ignite Ideas,Transform possibilites

ABOUT US

KI-TECH is an online education platform dedicated to providing students with exceptional learning opportunities and growth. Our mission is to address student’s needs and prepare them for success in their fields. With a wide range of programs and courses, we focus on delivering excellence through top-quality study materials and expert instructors, helping students achieve remarkable growth.

WHY AUTO CAD ?

- Precision Design: Allows for highly accurate and detailed drawings.
- Versatile Applications: Used across various industries like architecture, engineering, and manufacturing
- Efficient Drafting: Streamlines the creation and modification of technical drawings.
- 3D Modeling: Facilitates complex 3D design and visualization.
- Industry Standard: Widely recognized and utilized in professional design and drafting workflows.

TRAINING OUTCOMES

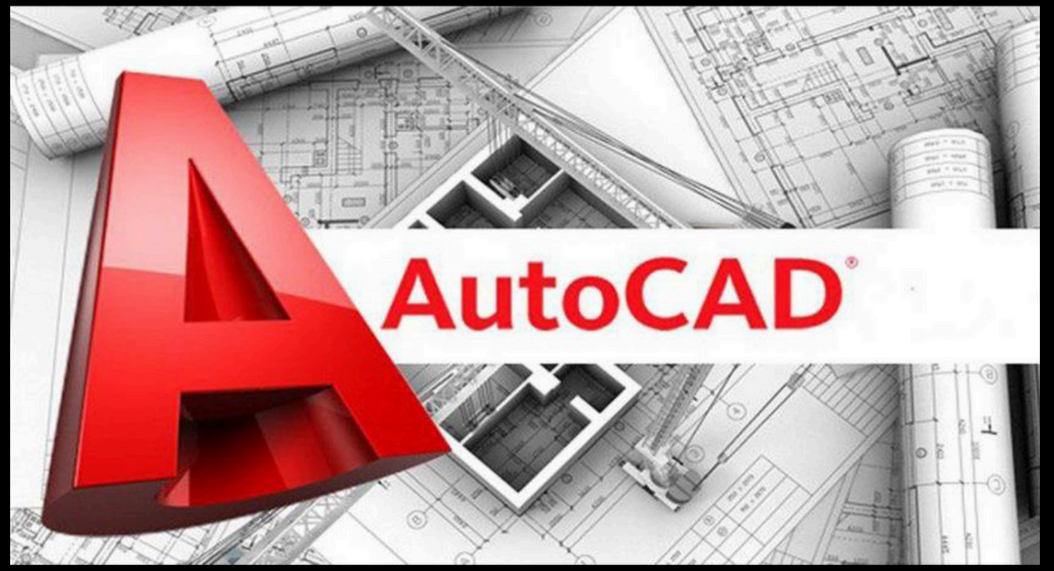
- Create Drawings: Develop accurate 2D and 3D drawings.
- Use Basic Tools: Utilize essential drawing and editing tools.
- Apply Layers: Organize and manage drawings using layers.
- Dimensioning: Add and modify dimensions to drawings.
- Annotate Drawings: Include text and symbols for clear documentation.
- File Management: Save, open, and manage AutoCAD files effectively.
- Print Layouts: Set up and print drawings with proper scaling and layout.

TRAINING PATH WAY

- Introduction to AutoCAD
- 2D Drawing Basics
- Editing Tools
- Working with Layers
- Annotation and Dimensioning
- Advanced Drawing Techniques
- 3D Modeling Basics
- 3D Modeling Advanced
- Viewports and Layouts
- File Management and Collaboration
- Customization and Automation
- Troubleshooting and Best Practices

Module-I

- Overview of AutoCAD
- User Interface Navigation
- Basic Commands and Tools

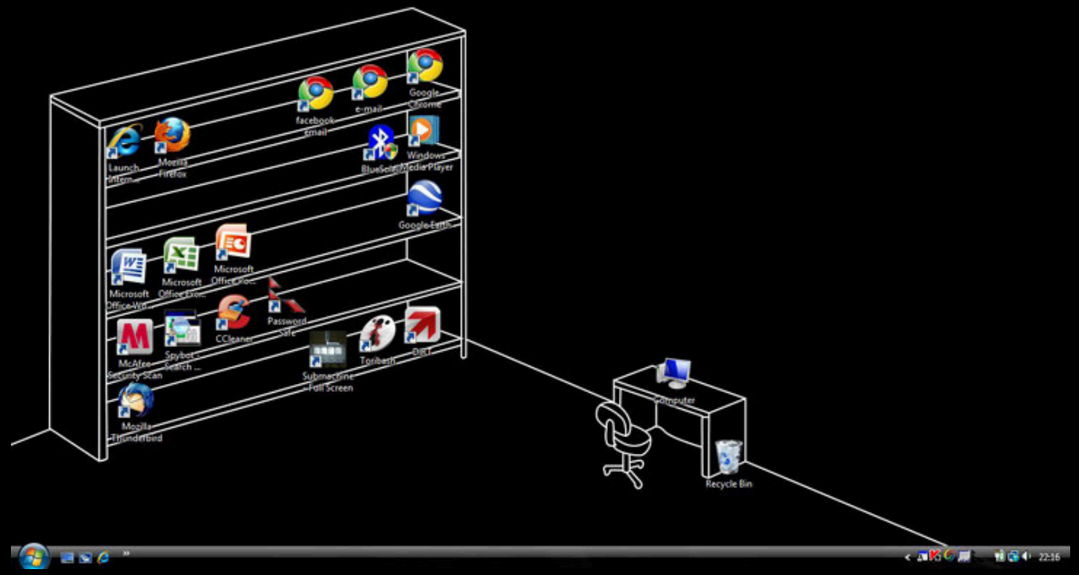


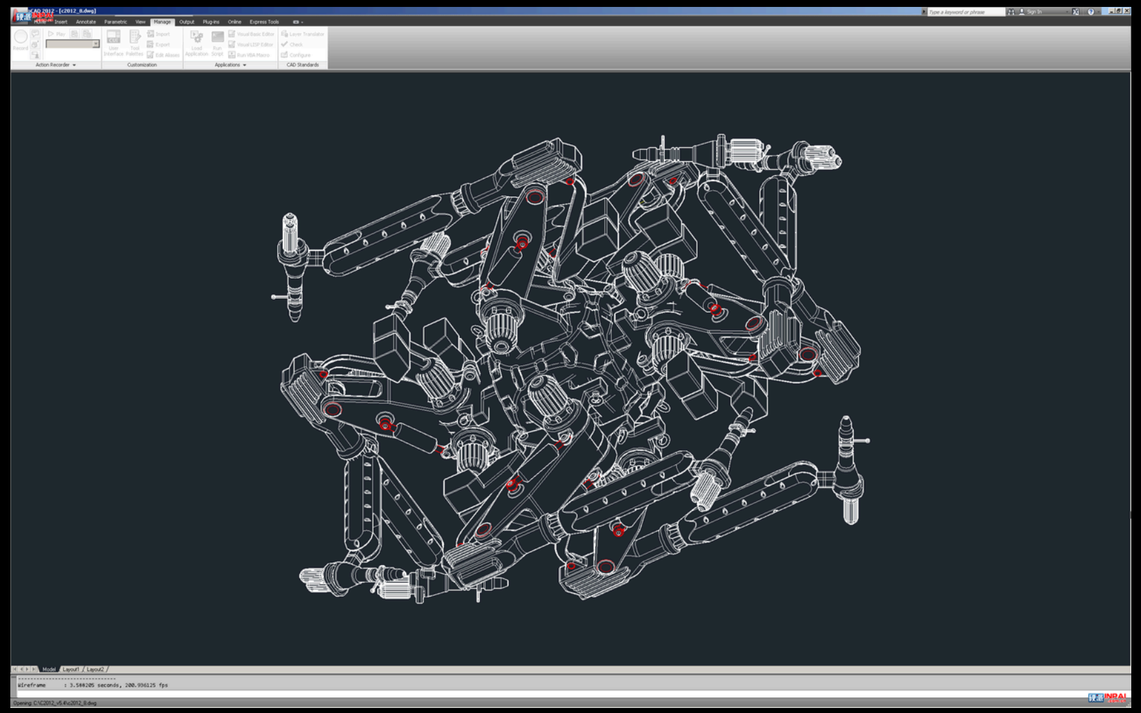
Module-II

- Creating Basic Shapes
- Using Drawing Tools (Line, Circle, Rectangle)
- Coordinate Systems

Module-III

- Move, Copy, Rotate, and Scale
- Trim and Extend
- Fillet and Chamfer



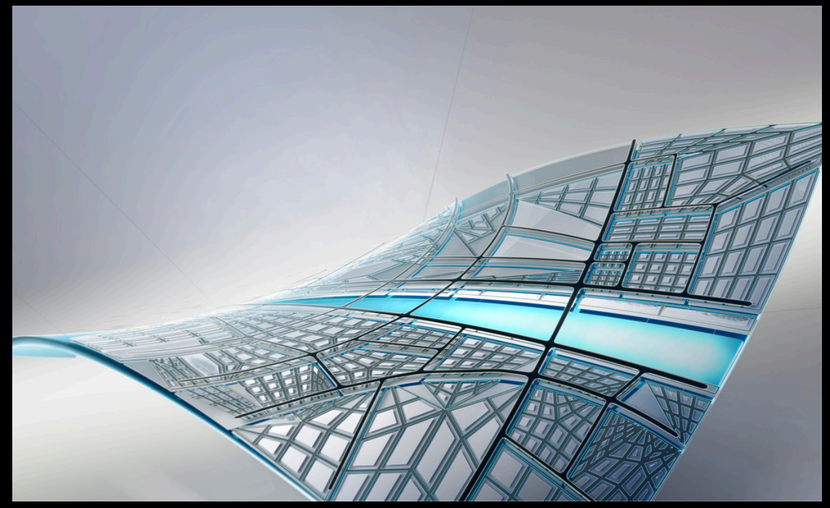


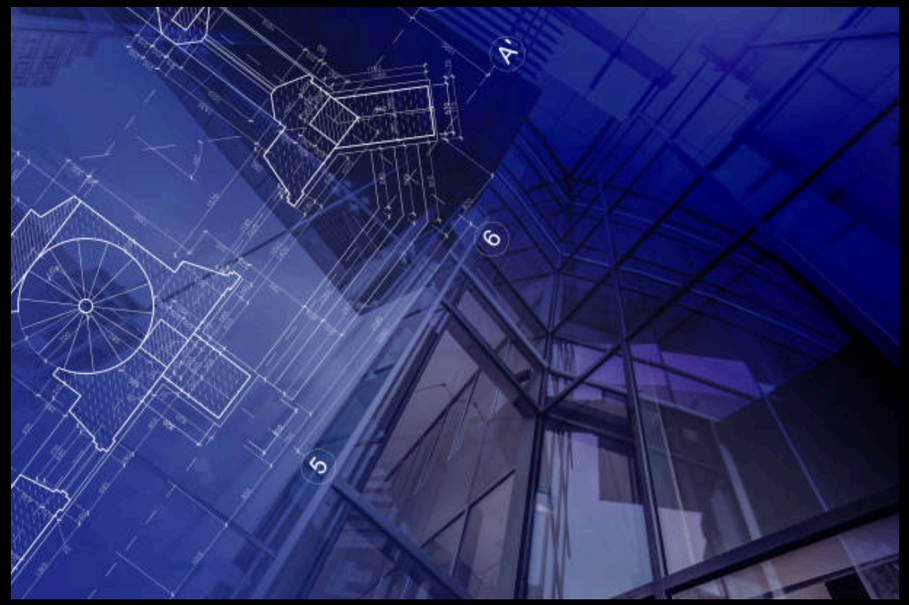
Module-IV

- Creating and Managing Layers
- Layer Properties and Controls
- Layer Visibility and Organization

Module-V

- Adding Text and Labels
- Applying Dimensions
- Creating and Managing Dimension Styles



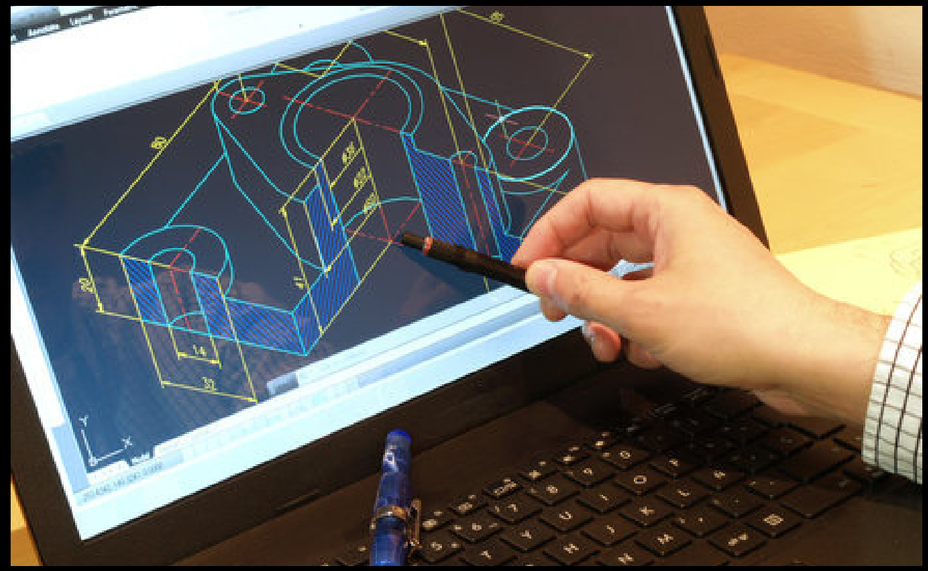


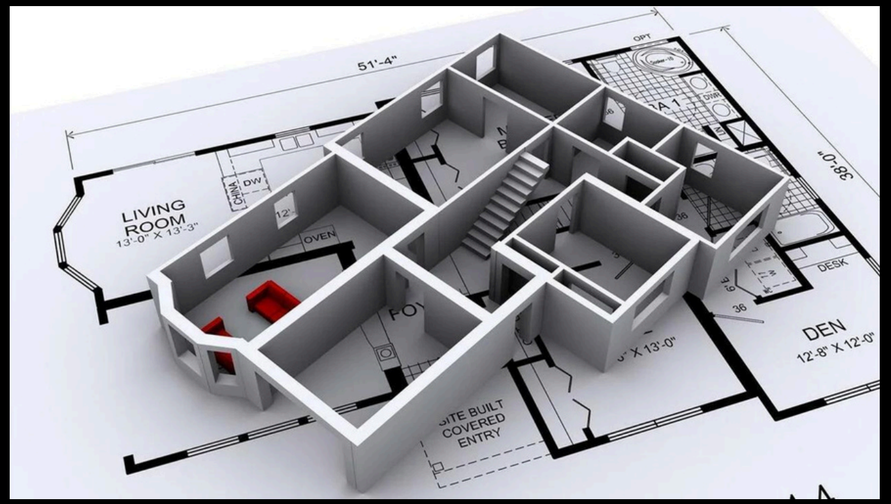
Module-VI

- Using Polylines and Splines
- Creating and Editing Hatch Patterns
- Block Creation and Management

Module-VII

- Introduction to 3D Space
- Creating Basic 3D Shapes (Box, Sphere, Cylinder)
- Navigating in 3D View



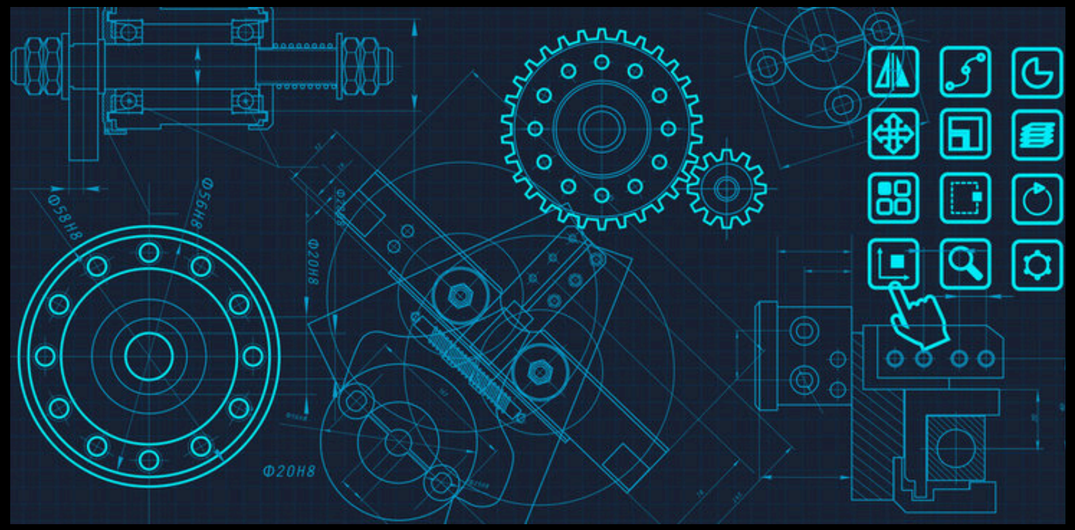


Module-VIII

- Extruding and Revolving
- Boolean Operations
- Creating and Editing 3D Objects

Module-IX

- Creating and Managing Viewports
- Setting Up Layouts for Printing
- Configuring Print Settings

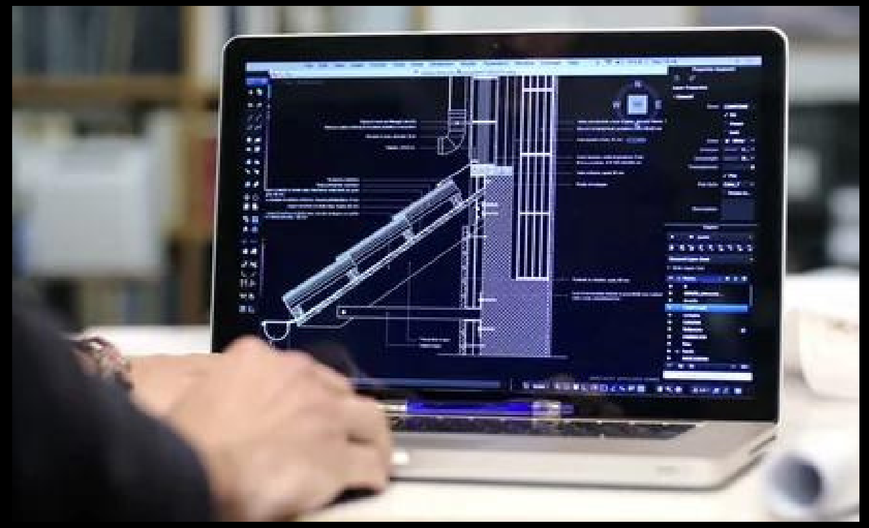


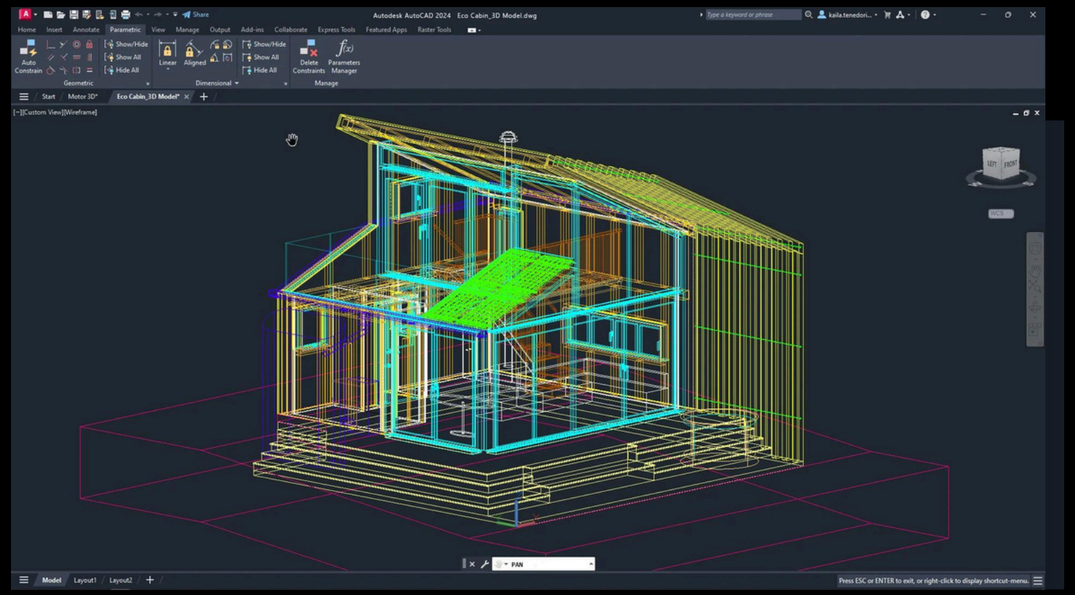
Module-X

- Saving and Opening Files
- Using AutoCAD Templates
- Collaborating with Other Users

Module-XI

- Creating and Using Custom Toolbars
- Introduction to Macros and Scripts
- Basic Customization of AutoCAD





Module-XII

- Common Issues and Solutions
- File Backup and Recovery
- Best Practices for Efficient Drawing

Tools,Languages& softwares used

Sample Projects

- Simple Floor Plan
- Basic 2D House Layout
- Simple Mechanical Part Drawing

CERTIFICATIONS