SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY: AUTOCAD
DURATION: MODULE 1 (4 WEEKS)
MODULE 1 + 2 (6 WEEKS)

MODULE 1:

AutoCAD Essentials

TAKING THE AUTOCAD TOUR

- Starting AutoCAD
- Drawing Area
- Command Window
- Status Bar
- Starting New Drawing
- Dynamic Input Mode
- Creating And Managing Workspace

GETTING STARTED WITH AUTOCAD

- Coordinate Systems
- Drawing Lines & Circles
- Erasing Object
- Canceling & Undoing A Command
- Inputting Data
- Creating Basic Objects
- Using Object Snaps
- Using Polar Tracking And Polar Snap
- Using Object Snap Tracking
- Working With Units

MODIFYING OBJECTS

- Selecting Objects In The Drawing
- Changing An Object's Position

- Creating New Objects From Existing Objects
- Changing The Angle Of An Object's Position
- Creating A Mirror Image Of Existing Objects
- Creating Object Patterns
- Changing An Object's Size

CREATING ADDITIONAL

- Drawing Objects
- Working With Polylines
- Creating Splines
- Creating Ellipses
- Using Tables

ALTERING OBJECTS

- Trimming And Extending
- Objects To Defined Boundaries
- Creating Parallel And Offset Geometry
- Joining Objects
- Breaking An Object Into Two Objects
- Applying A Radius Corner To Two Objects
- Creating An Angled Corner Between Two Objects
- Changing Part Of An Object's Shape

HATCHING & GRADIENTS

- Use Hatching/Gradients
- Create Annotative Hatch/Gradients
- Editing Hatch/Gradients Patterns
- Editing Hatch/Gradients Boundary
- Other Features Of Hatching/Gradient

DRAWING ORGANIZATION AND INQUIRY COMMANDS

- Using Layers
- Changing Object's properties
- Matching Object's Properties
- Using The Properties Palette
- Using Line types
- Using Inquiry Commands

DRAWING OBJECTS

- Creating And Editing Multilines
- Creating Revision Clouds
- Regions

MANIPULATING OBJECTS AND DATA

- Selecting Objects With Quick Select
- Purging Objects
- Working With Point Objects
- Dividing And Measuring Objects

DIMENSIONING

- Introduction To Dimensioning
- Basic Dimensioning

ISOMETRIC DRAWINGS

- Changing The Workspace For Isometric Drawings
- Rules Of Isometric Drawings
- Working In Isometric Drawings
- Isometric Projections
- Isometric Axes & Planes
- Setting The Isometric Grid & Snap

LAYER MANAGEMENT AND BEST PRACTICES

- Working With Layer Filters
- Using The Layer States Manager
- Using Layer Standards

DIMENSIONING AND ANNOTATION

- Introduction To Annotation Scaling
- Controlling Annotation Scale
- Using Multileaders
- Dimensioning
- Creating Center Marks
- Creating Ordinate Dimensions
- Creating Geometric
- Dimensions And Tolerances
- Working With Dimension Substyles and Overrides.

WORKING WITH REUSABLE CONTENT

- Creating Blocks
- Working With Blocks
- Saving A Block For Further Use
- Editing/Modifying Of Saved Block
- Reusing Saved Blocks

DESIGN CENTRE & TOOL-PALLETS

- Introduction To Design Centre & Tool Pallete
- Using Predefined Blocks
- Editing The Predefined Blocks In Design Centre & Tool Pallete

CREATING TEXT & TABLES

- Creating Simple & Multiline Text
- Editing Text
- Changing Text Style
- Inserting Tables
- Modifying Tables

PLANNING

- House planning
- Drafting
- Layout

MODULE 2: 6 week AutoCAD 3D Training

INTRODUCTION TO 3D

- Introduction to 3D Modeling
- Creating & Managing the Workspace
- Navigating in Working Environment
- Types of 3D Models
- Working In 3D
- 3D Coordinate System
- Modifying Visual Styles of Solid

CREATING 3D DESIGNS

- Inputting Data
- Introduction to Free-Form Designs
- Creating Wireframes & Surface Designs
- Creating 3D-Volumetric Designs
- Working with Pre-defined Solid Primitives

- Manipulating/Modifying 3D Profiles & Models
- Creating Composite models
- Filleting & Chamfering Solid models
- Using Booleans on Solid Models
- Use of Productivity Tools

RENDERING

- Concept of Rendering
- Selecting & attaching Materials
- Creating New Materials

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