

**SOFTCRAYONS**  
Tech Solution Pvt. Ltd



### **Practical Training Program Branch - Ghaziabad, Noida**

- » Graphic Designing
- » Programming
  - Python - Java - PHP ++
  - C++ - C - Ruby On Rails
  - Perl
- » Web Designing
- » Networking - CCNA
  - CCNP- MCITP - MCSE
  - Hardware
- » CAD- CAM-CAE
  - Autocad for Civil
  - Autocad for Electrical
  - Autocad for Mechanical
  - Catia V5 / Staap PRO/
  - Revit / Revit Structure
  - Revet Architecture / Soliworks
  - PRO E / CREOC(Fr - Designers)
  - 3D Max / Inventor / Ansys / Vray
- » Digital Marketing
- » Android Application
- » Sap - ERP - ABAP
  - Erp Basis / Erp-Bi
  - Erp-Bo / CRM/ HR/HCM / MM
  - PP / Controlling / Hana / SCM
  - Finance
- » Software testing
  - Manual testing
  - Automation - testing
  - QTP - Selenium
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
  - 3 Angular / 4 Angular
- » Vmware

## **1 .Module**

### **AutoCAD Course Content**

#### **Getting Started with :**

- Starting the Software
- User Interface
- Working with Commands
- Cartesian Workspace
- Opening an Existing Drawing File
- Viewing Your Drawing
- Saving Your Work

## **2 .Module**

### **Basic Drawing & Editing Commands:**

- Drawing Lines
- Erasing Objects
- Drawing Lines with Polar Tracking
- Drawing Rectangles
- Drawing Circles
- Undo and Redo Actions

## **3 .Module**

### **Projects- Creating a Simple Drawing:**

- Create a Simple Drawing
- Create Simple Shapes

## **4 .Module**

### **Drawing Precision in :**

- Using Running Object Snaps
- Using Object Snap Overrides
- Polar Tracking at Angles
- Object Snap Tracking
- Drawing with Snap and Grid (Optional)

## **5 .Module**

### **Making Changes in Your Drawing:**

- Selecting Objects for Editing
- Moving Objects

- Copying Objects
- Rotating Objects
- Scaling Objects
- Mirroring Objects
- Editing with Grips

## **6 .Module**

### **Projects- Making Your Drawings More:**

- Precise
- Schematic Project: Electronics Diagram
- Architectural Project: Landscape
- Mechanical Project (with Polar & Tracking)
- Mechanical Project: Surge Protector
- Mechanical Project: Satellite

## **7 .Module**

### **Organizing your Drawing with Layers:**

- Creating New Drawings with Templates
- What are Layers?
- Layer States
- Changing an Object's Layer

## **8 .Module**

### **Advanced Object Type:**

- Drawing Arcs
- Drawing Polylines

- Editing Polylines
- Drawing Polygons
- Drawing Ellipses

## **9 .Module**

### **Getting Information from Your Drawing :**

- Working with object Properties
- Measuring Objects

## **10 .Module**

### **Projects - Drawing Organization & Information:**

- Architectural Project
- Mechanical Project
- Civil Project

## **11 .Module**

### **Advanced Editing Commands :**

- Trimming and Extending Objects
- Sketching Objects
- Creating Fillets and Chamfers
- Offsetting Objects
- Creating Arrays of Objects

## **12 .Module**

### **Inserting Blocks :**

- What are Blocks?

- Inserting Blocks
- Working with Dynamic Blocks
- Inserting Blocks with Design Center
- Inserting Blocks with Content Explorer

## 13 .Module

### Projects- Creating More Complex :

- Objects
- Mechanical Project 1- Plate
- Mechanical Project 2- Gasket
- Mechanical Project 3- Plate
- Mechanical Project 4- Rocker Arm
- Architectural Project 1- Floor Plan
- Architectural Project 2- Floor Plan
- Civil Project- Parking Lot

## 14 .Module

### Setting Up a Layout:

- Printing Concepts
- Working in Layouts
- Copying Layouts
- Creating View ports
- Guidelines for Layouts

## 15 .Module

### Printing Your Drawing :

- Printing Layouts
- Printing from the Model Tab

## **16 .Module**

### **Projects- Preparing to Print :**

- Mechanical Project
- Architectural Project

## **17 .Module**

### **Text :**

- Working with Annotations
- Adding Text in a Drawing
- Modifying Multiline Text
- Formatting Multiline Text
- Adding Notes with Leaders to Your Drawing
- Creating Tables
- Modifying Tables

## **18 .Module**

### **Hatching :**

- Hatching
- Editing Hatches

## **19 .Module**

### **Adding Dimensions :**

- Dimensioning Concepts

- Adding Linear Dimensions
- Adding Radial & Angular Dimensions
- Editing Dimensions

## 20 .Module

### Projects- Annotating Your Drawing :

- Mechanical Project
- Architectural Project 1
- Architectural Project 2
- Civil Project

### Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

### Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,  
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