



**IFDA**  
INSTITUTE

Awarded as Most Trusted  
**Accounts and IT Training Institute**



Certification in  
**AUTOCAD**  
**2D & 3D**

**Knowledge  
For Bright Future**

# About Course

AutoCAD 2D & 3D course is the perfect way to gain the required skills to create and help you draft constructive documents, simple shapes to complex objects, visualize concepts, and much more with just a few clicks from the comfort of your desk. This course replaces manual drafting and the users can create realistic designs in 2d & 3d to bring innovative and creative imagination to light.



## Learning Outcomes

- You will be able to blend design and drafting together which will make your design look more presentable.
- You will be capable of creating, editing, and writing a block.
- You can create layouts of buildings, objects, and other architectural drawings.
- You will be able to command over texts, dimension styles and add lightning to the 2D & 3D models.
- You can present a single design differently in terms of color and scale with the help of AutoCAD commands.
- You will be able to do interior designing by creating samples, elevation drawings, and aesthetic coloring.
- You will be able to visualize the product which allows you to identify and solve any problems with the design before the production process starts.

## Course Duration

Months : 1.5 Month  
Hours : 45 hours

## Eligibility Criteria

Academic : 10th pass

## Career Opportunity

- Drafters
- Engineer Machine Designer
- Building Information Manager
- AutoCAD Designer
- CAD Operator

# Why Choose Us

- ✓ Backup class
- ✓ Expert Trainer
- ✓ Flexible Timing
- ✓ Free Library
- ✓ Practical Learning
- ✓ 100% Job Assistance

## Course Content

### INTRODUCTION TO AUTOCAD

- Starting AUTOCAD
- User Interface
- Command and Input Methods
- Start & Save a Drawing
- 2D Drafting Tools
- Coordinates Hint
- Coordinates (Relative Cartesian Coordinates & Relative Polar coordinates) and
- Direct distance entry

### MODIFICATION OF DRAWING

- Introduction of Power Query in Excel
- Its features and uses
- Installation of Power Query
- Making a connection with an Excel Table
- Making a connection with the text file
- Make a connection with access Database
- Make a Pivot table on Text file data
- Merge Multiple Sheets
- Power Query - Refine Data
- Make a Pivot Table on Multiple Sheets

### 2D DRAWINGS

- Line, Circle, Rectangle, Polyline, Arc, Ellipse,
- Spline & Polygon
- Construction Line & Ray
- Revision cloud, Point, Donut etc.
- Oops, Calculator, Quick properties
- Properties of object
- Quick select, Dimensions, Dimension Style
- Manager, Leader
- Create layer, Layer on, Layer Off, Layer
- Properties, Match Properties
- Table, Text (Multiline Text, Single line text, Arc
- Text)
- Create a block, Edit block & Write block

### ISOMETRIC DRAWING

- Drafting setting
- Isocircle, Isoplane & Isodimension
- Print/Plot & Page setup
- Model & Paper Space

### 3D DRAWING & EDITING

- Introduction to the 3D Modeling Workspace
- Basic 3D-Viewing Tools
- 3D Navigation Tools
- Overview of 3d command

- 3d UCS
- Box, sphere, pyramid, Polysolid, Extrude,
- Union, Subtract, Intersect, Views, Visual
- styles
- View ports configuration
- Loft, Revolve, Press Pull, 3darray, 3d mirror,
- 3drotate & 3dalign
- Slice, Separate, Shell & Imprint
- Color edges, Copy edges & Extract edges
- Taper Face, Rotate face, Extrude face, Move
- face, Offset face, Fillet edge, Chamfer edge
- & Interfere
- Section plane & Live section
- Convert to Solid or surface
- Thicken, Thickness, Mesh, Assembly,
- Materials & Animation
- Camera & Rendering

## Have You Any Question Or Need Some Help ?

Book your free counselling session now, and  
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# Achievements



**Most Trusted Accounts & IT Training Institute**



**Entrepreneur Of The Year 2021-22**



**Best Accounts & IT Training Institute**



**Accounts & IT Training Institute of Delhi**

We are truly overwhelmed by this chance that we have has received this honourable award by industrty expert

**Mr. Jeetendra Kumar Singh**  
( Director Of IFDA )



**IFDA**  
INSTITUTE



# IFDA Institute Welcomes You



## Registered office

H-18/B, 2nd Floor, Kalkaji Main Road New, Delhi-110019



## Head Office

G-33, 1st Floor, Kalkaji Main Road, New Delhi-110019



## Branches

E-9, 2nd Floor, Chandermal Complex, Near Badarpur metro, New Delhi-110044



## 9+ Associated Branches



9999-199-651



[www.ifda.in](http://www.ifda.in)



9999-196-162



[info@ifda.in](mailto:info@ifda.in)

