

❖ AutoCAD 2D

❖ Day 1

- Introduction about AutoCAD
- Starting Auto CAD
- Parts of Auto Cad
- Use of Auto Cad in Different Field
- User Interface of AutoCAD (All Workspaces)
- 2D drafting Annotation
- AutoCAD Classic
- 3D modelling
- Command Description

❖ Day 2

- line
- Point Fixing Method
- Co-Ordinate System
- Absolute Co-Ordinate System
- Co-Ordinate System
- Relative Absolute
- Co-Ordinate System
- Relative Polar Co-Ordinate System

❖ Day 3

- Erase
- Circle
- Center Radius
- Center Diameter
- 3 Point
- 2 Point
- TTR (Tangent Tangent Radius)
- TTT (Tangent, Tangent, Tangent)

❖ Day 4

- Offset
- Trim
- Extend
- Mirror
- Copy
- Move

❖ Day 6

- Rotate
- Break
- Join
- Stretch
- Scale

❖ Day 7

- Drafting Setting(Object Snap)
- Options
- Zoom
- Unit
- Limits

❖ Day 8

- Draft a Plan (for Arch./Civil students)
- Draft an Mechanical Object (ForMech.st.)

❖ Day 9

- Continue plan (for Arch/Civil students)
- Continue the Mechanical part (for Mech. St.)

❖ Day 10

- Polygon
- List
- Point
- Point style
- Distance
- Colour
- Solid
- Donut
- Fill
- ID

❖ Day 11

- Arc
- Array

❖ Day 12

- Polyline
- Polyline Edit

❖ Day 13

- Line type
- Line weight
- Fillet
- Chamfer

❖ Day 14

- Ellipse
- Ellipse Arc
- Rectangle
- Hatch
- Hatch Edit
- Elevation Design

❖ Day 15

- Region
- Explode
- Boundary
- Lengthen

❖ Day 16

- Multiline style
- Multiline
- Multiline Edit

❖ Day 17

- Single line text
- Multiline text
- Text Style
- Text Edit
- Spell
- Scale Text
- Mirror Text

❖ Day 18

- Area
- Xline/Construction
- Line
- Ray
- Spline
- Match Property
- Property
- Revision cloud

❖ Day 19

- Layers
- Creating Layers
- Setting up the
- Properties of Layers
- Layer on
- Layers Freeze
- Match Layer
- Layer current
- Layer isolated
- Layer un-isolated etc.

❖ Day 20

- Dimension
- Dimension Style

❖ Day 21

- Exercise related with
- All units , dimension
- And layer related
- Commands

❖ Day 22

- Multi- leader
- Add leader
- Remove Leader
- Align Leader
 - Multi- Leader style
 - Table
 - Table Style

❖ Day 22

- Wipout
- Revision Cloud

❖ Productivity Tools

❖ Day 23

- Filter
- Group
- Script

❖ Day 24

- Make Block
- Insert Block
- Block Editor
- Dynamic Block
- Dynamic Block Divide

❖ Day 25

- Design Center
- Divide
- measure

❖ Day 26

- OLE Object
- Hyperlink
- Raster image reference
- Clip
- Adjust

❖ Day27

- Publish to Web
- Quick Calculator
- Quick select
- Calculator
- Editing Commands

❖ Day 28

- Layout
- Sheet Set Manager
- Print setting
- Printing option

❖ Day 29

- Editing Commands
- (Copy base point etc.)
- Purge , Clouds

❖ Day 30

- Attribute
- Attribute Edit , Display
- Battman

❖ Day 31

- Xref
- Xclip
- Etransmit

❖ Day 32

- Import
- Export

❖ Day 33

- Parametric (TAB)
- Auto constraint
- Dimensional constraints

❖ Day 34

- Practice Day
- Tile vertical
- Tile Horizontal
- Tool Pallets

❖ Day 35

- Express Toolbar
- Express Tools

❖ Day 36

- Practice
- Practice

3 Dimensional

❖ Day 36

- Introduction of 3D
- Box
- Cylinder
- Sphere
- Cone

❖ Day37

- Wedges
- Torus
- Pyramid
- Extrude

❖ Day 38

- Subtract
- Intersect
- Union
- Interfere

❖ Day 39

- Model a Plan / Model
- A Part

❖ Day 40

- Align
- Polysolid
- Presspull
- Slice
- Sweep

❖ Day 41

- Loft
- Section Plane
- Helix

❖ Day 42

- Revolve
- 3D revolve
- 3D Array
- Mirror 3D

❖ Day 46

- Extrude face
- Move face
- Offset face
- Rotate face

❖ **Day 47**

- Taper face
- Delete face
- Copy face
- Color face
- Copy edge
- Color edge

❖ **Day 48**

- Shell
- Imprint
- Separate

❖ **Day 49**

- Convert to solid
- Planer surface
- Convert to Surface
- Thicken

❖ **Day 50**

- Light
- Motion path
- Animation

❖ **Day 51**

- Materials
- Render
- View manager