Advanced AutoCAD 2D and 3D Workshop

DURATION: 14 HRS.

SESSION -1

INTRODUCTION
• Who is the inventor of AutoCAD?
• What is the full form of AutoCAD?
• When AutoCAD was establised?
• What is Engg. Drawing?
• What is the difference between 2D &3D?
• Explain the function Key (F1to F12)?
• What are units?
• What is dimension style?

Command
• What is the co-ordinate system?
• Absolute co-ordinate system?
• Relative co-ordinate system?
• Polar co-ordinate system?
• Line command
    • Circle command
    • Trim
• Polygon
• Rectangle
• Ellipse
• Erase
• Copy
• Move
• Rotate
• Mirror
• Offset
• Array
• Scale
• Stretch
• Extend
• Break at point
• Break
• Join

- Chamfer
- Fillet
- Bland curve
- Explode
- Donut
- Solid
- Fill
- Limits
- Units
- PROJECT

SESSION -2

- Polyline
- Spline
- Xline
- Ray
- Multiline
- Multiline Style
- Multiline Edit
- Arc
- Properties
- Colour
- Line Type
- Line weight
- Layer
- Divide
- Mesure
- Point style
- Enquiry
- ID, Dist, List, Area
- Lengthen
- Single Line Text
- Multi Line Text
- Write Block
- Insert Block
- Hatch
- Gradient
- Table
- External refrence
- Group
- Boundary
- Region

- Point
- Quick Calc
- PROJECT

SESSION -3

- Multileder
- Leder
- Wipe out
- Quick Dimension
- Dim Linear
- Dim Angular
- Dim Radius
- Dim Diameter
- Dim Arc length
- Dim Jogged
- Dim Continuos
- Dim Baseline
- Arc Length
- Angular
- Layout
- Plot
- Animation
- PROJECT

SESSION -4

- Introduction
- Start 3D
- View
- Solid Modeling Tools
- Mesh Modeling Tools
- Solid Editing Tools
- Surface Modeling Tools
PROJECT