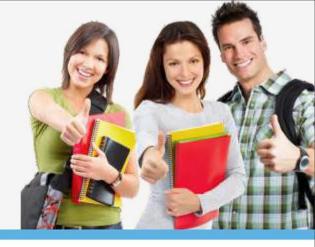# AUTOCAD

CURRICULUM

AUTOCAD 2D

» **Introduction to AutoCAD**
- AutoCAD Interface
- Co-Ordinate System

» **Basic Drawing Commands**
- (Line,Circle,Rectangle,Polygon,Ellipse,Arc,Point,Multiple Point,Construction Line,Ray   ,Revission Cloud,Polyline,Spline)
- Drafting Settings
- Selection Methods

» **Basic Editing Commands**
- (Erase,Copy   ,Mirror,Offset,Move,Rotate,Scale,Stretch,T   rim,Extend,Break,Break at Point,Join, Fillet,Chamfer)

» **Fastening Operation Commands**
- (Array,Lengthen,Solid,Fill,Donut,Multiline,Polyline Edit)
- Isometric View
- Units
- Drawing Limits
- Layer & Object Properties
- Creating & Editing   Text
- Creating & Editing Dimensions
- Working With Blocks
- Types of Table
- Different Types of Style (Text,Dimension,T able,
- Multi Leader ,Multiline,Point,Plot)
- Properties
- Hatching
- Attribute
- Design Centre
- Inquiry Tools
- Quick Calculator & Calculator
- External Refrence
- Group
- Filter
- Hyperlink
- OLE Object
- Working With Layouts
- Steering Wheels
- Action Recorder
- Multiple Views & Viewports
- Ploting a Drawing

AUTOCAD 3D

» Introduction to 3D Modeling

- Types of 3D Model
- Visual Style
- Creating Solid Primitives
- Creating Models from 2D Profiles
- Extrude,Sweep,Revolve,Loft
- Boolean Operation
- Creating Composite Solid
- Working with UCS
- Solideditting
- Materials
- Changing the 3D Model Position
- Introduction to Surface Modeling
- Creating Surface Primitives
- Project