



Autodesk AutoCAD Mechanical

Training Details

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| Course Code | : HCCC01 |
| Course Name | : AutoCAD 2017 |
| Duration | : 2 Months |
| Eligibility | : Diploma/BE/ ME (MECH) / ITI / +12 / Equivalent |

Syllabus:

Introduction to Engineering Drawings

Projections (First & Third angle)

Views (Orthographic, Isometric & Perspective)

Introduction to AutoCAD

Co-ordinate systems

- Drawing settings – Units, Limits
Drawing simple sketches using Line, Circle, Arc, Ellipse, Polygon, Rectangle, Dynamic Input
- Editing commands – Erase, Undo, Redo, Move, Copy, Rotate, Array, Mirror
File Management - New, Qnew, Open, Save, Save as, Close, Exit, Quit
Mini Project 1 – Orthographic Views
- Editing commands – Fillet, Chamfer, Scale, Stretch, Offset, Break, Trim, Extend
- Hatches, Hatch Edit

Address:

163 C/1, First Floor, Kamarajar Salai,
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We Changed ur thinking, it Changed ur Life...

- Object Selection Methods
 - Select, Qselect
 - Annotations - Text, Style, Ddedit, Mtext, Scaletext, Spell, Table, Tabledit
 - Object Properties - Color, Linetype, Ltscale, Lineweight, Properties, Matchprop
- Dimension - Linear, Aligned, Radius, Diameter, Center Mark, Angle, Arc length, Continuous, Baseline, Dimension Space, Dimension Break, Jogged radius
 - Leader, Qleader
- Isometric view, Iso plane
 - Mini project 2 - Isometric views
- 3D Introduction
- Region, Extrude, Revolve, Union, Subtract
- Last class doubts & Practice
- Modelling Tools : Solid Primitives
 - Box, Wedge, Cylinder, Cone, Sphere, Torus,
- Polysolid, Sweep, Helix, Loft
 - Print setup
- Last class doubts & Practice
- Layer Management
 - Adding / Removing Layers
 - Layer Status
- Last class doubts & Practice
- Speed test
- Subject of cad
- Mini Project 1 (2d)
- Mini Project 2 (Isometric)
- Mini Project 3 (3d)
- Final Project

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