

## PIOUS INFOTECH ACADEMY

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AUTOCAD SYLLABUS	
1st Day	Intro to Autocad LT, Interface,New,Open,Save,Close, Startup–new,open, temp,wizard, Ribbon (Open & Close),Menubar, toolbar, Command panel, Co-ordinate systems, Line command, Ucs move,Zoom (Extents>window). Pan,Navbardisplay.
2nd Day	DDE Method,Polar and Osnap (Drafting setting) Use icons,Limits and Grid Behaviour,Circle radius,Tracking tk,Status Bar (Snap and Grid,Ortho,Polar, Osnap,Otrack, Dynamic,LWT,TPY,QP,SC),User prf ( tool option),Line–Per,Selection (windows and crossing)
3rd Day	Copy,Move,Trim,Offset,Extend,Circle(3P,2P,Tr,Ttt),Change properties(Colors,Lt,Lts,Lwt,Layer,Thickness,Tpy,Hypelink), Match Properties,DIM (LIN,ALIG,ANG,RAD,DIA),FUNCTION keys
4th Day	Arc(start,end,radius),Polyline,Points,DDPTYPE
5th Day	Fillet (All Options),Chamfer( All Options),Rotate,Extrim,Autosave–Security Options, User Preference option (rt click), Dim modify.
6th Day	Polygon(All Options) ,Array(Rectangular,Polar), Zoom (all opt)
7th Day	Rectangle (all options) ,Units,Trim(all options),Offset (all options),Extend (all options),Explode,Align
8th Day	Mirror,Cons Line,Ray,Tool Options– Display, Function Keys ( F1, F2, F3–OSNAP,F4–3D OSNAP, F5–ISOPLAN, F6–DYN UCS, F7– Grid, F8–Ortho. F9–Snap, F10–Pollar, F11–OSNAP, F12–DYN
9th Day	Arc (all options),Dimension Style manager,TEXT (DT,ST), MTEXT,Table,Table style,Import table frm data link
10th Day	Practice Day,Doubt clearing session
11th Day	TEST–20min obj, Drawing any 01
12th Day	Ellipse,El Arc,draw order

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13th Day	Block, Redefining of block, Ncopy, Measure, Divide
14th Day	Hatch, Hedit, Gradient(gd), Sketch, boundary-bo
15th Day	Break at point, Break, Join, Scale, Stretch, Grips, Ddgrips
16th Day	Pedit (all optation), Multiline, Mlstyle, Mledit
17th Day	Template files
18th Day	Enquiry Commands(List, Id, Area, Measure Geometry), Qselect, Polar Tracking
19th Day	Lengthen, Layers, Layers2, Isolate Object, Select Similar, Dim inspection
20th Day	Practice Day, Doubt clearing session
21st Day	Add Selected, Spline, Donut, Arc text, Design Center, Dim tol
22nd Day	Sketch
23rd Day	DIMALIGNED, Isometric, Isoplane, Oblique
24th Day	Constraints(Geometric, Dimensional, Parametric), Script
25th Day	Practice Day, Doubt clearing session
26th Day	TEST-60min obj, Drawing any 01
27th Day	Intro To 3d Co-Ordinate System, Wireframe Modelling
28th Day	Intro to Solid Modelling, Box, Cylinder, Wedge, 3d Rotate, 3d Move, Union, Subtraction, Intersection, 3D Fillet, 3D Chamfer,
29th Day	Cone, Sphere, Polysolid, Pyramid, Torus, Extrude, Region
30th Day	Revolve, 3d Array,
31st Day	Presspull, Ucs(all options), Ucsicon, 3d Align,
32nd Day	3D Mirror, Helix, Sweep, Shell, Slice, Planer Surface.
33rd Day	Loft, Extrude face, move face, offset face, delete face, rotate face, taper face, copy face, color face.
34th Day	Copy Edge, Color Edge, Imprint, Clean, Seprate, Check, Interference checking, CONVERT 2D TO 3D
35th Day	Practice Day, Doubt clearing session, Spiral Staircase Practice
36th Day	Mesh modelling-1st day

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37th Day	Mesh modelling-2nd day
38th Day	Surfacing( Planer Surface ,Ext,Loft,Sweep,Revolve,Trim,Extend,Notrim,Sculpt,k)
39th Day	Surfacing Complete-
40th Day	Rendering(Materials,Images,Lights, Camera)Anipath,Raster image refrence,View
41st Day	Ploting
42nd Day	Assembly/Plan
43rd Day	Assembly/Plan
44th Day	Doubt Clearing Session
45th Day	Test for 3D(benchwise asm )