

Science & Technology Entrepreneurs' Park (STEP)
Guru Nanak Dev Engineering College
Gill Garden Road, Ludhiana – 141006 (PB)

SYLLABUS OF AUTOCAD 2D

Duration – 6 Weeks

1. Introduction about auto cad
2. Line command
3. Undo command
4. Redo command
5. Oops command
6. File management
7. Limits
8. Units
9. Circle
10. Arc
11. Trim
12. Extend
13. Erase
14. Copy
15. Move
16. Rotate
17. Scale
18. Stretch
19. Mirror
20. Offset
21. Array
22. Ellipse
23. Ellipse arc
24. Chamfer
25. Fillet
26. Explode
27. X line
28. Polyline
29. Polygon
30. Rectangle
31. Ray
32. Wipeout
33. Boundary
34. Region
35. Properties

36. Match properties
37. Quick properties
38. Layers
39. Break
40. Break at point
41. Join
42. Donut
43. Fill
44. Solid
45. Inquiry
46. Drafting settings
47. Text
48. Table
49. Spline
50. Revcloud
51. Hatch
52. Gradient
53. Make block
54. Insert block
55. Write block
56. Dynamic block
57. Colour control
58. Line type control
59. Line weight control
60. Dimensioning concept
61. Dimension style
62. Geometrical constraints
63. Hyperlink
64. Quick select
65. Filer
66. Group
67. Calculator
68. Divide
69. Measure
70. Ole concept
71. Layout
72. External reference
73. Xbind
74. Etransmit
75. Print and plot

SYLLABUS OF AUTOCAD 3D

76. Views of 3d
77. Visual style
78. Polysolid
79. Box
80. Wedge
81. Cone
82. Sphere
83. Cylinder
84. Torus
85. Pyramid
86. Helix
87. Planer surface
88. Extrude
89. Press pull
90. Sweep
91. Revolve
92. Loft
93. Union
94. Subtract
95. Intersect
96. 3d move
97. 3d rotate
98. 3d align
99. 3d array
100. Extrude face
101. Move face
102. Offset face
103. Delete face
104. Rotate face
105. Taper face
106. Copy face
107. Color face
108. Copy edge
109. Color edge
110. Imprint
111. Separate
112. Shell