

Department of Comp.Sci

CAD/CAM Lab

B.COM (VOC) 5th & 6th SEM

List of Experiments

CAD/CAM PRACTICAL

1. Setting up of drawing environment by setting drawing limits, drawing units, naming the drawing, naming layers, setting line types for different layers using various type of lines in engineering drawing, saving the file with **.dwg** extension. And Auto CAD Commands
2. Layout drawing of a building using different layer and line colors indicating all Building details. Name the details using text commands, Make a title Block.
3. Make an Isometric dimensioned drawing of a connecting Rod using isometric grid and snap.
4. Draw quarter sectional isometric view of a cotter joint.
5. Draw 3D models by extruding simple 2D objects, dimension and name the objects
6. Draw a spiral by extruding a circle.
7. Draw an Expansion Joint.
8. Draw different types of bolts and nuts with internal and external threading in Acme and square threading standards. Save the bolts and nuts as blocks suitable for insertion.
9. Draw 3D models by Assembly, using auto CAD



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