**Class:-** S.Y. B.Tech Civil & Environmental Engineering

**Title of the Course:-** Computer Aided Design Laboratory

**Course No.:-** UENV0335

**Experiment No. 1 Basic Commands for Auto CAD**

**Aim:-** To study the basic commands for Auto CAD

**Objective:-** To understand the basic tools to prepare drawings using AutoCAD.

**COMMANDS:-**

1. **L Enter (Line):-** A line can be one segment or a series of connected segments. Each segment is an individual object. You can specify the length.
2. **C Enter (Circle):-** You can specify radius or diameter.
3. **Rec Enter (Rectangle):-** A rectangle is a closed rectangular shape. It is one object not 4 lines. You can specify the length, width, area. Square is also drawn by using this command.
4. **Pol Enter (Polygon):-** A polygon is an object with multiple sides of equal length. You may specify from 3 to 1024 sides.
5. **Po Enter (Point):-** A point is an object that has no dimensions & only has location. A point can be represented by various designs as available in the software.
6. **Tr Enter (Trim):-** It is used to trim an object to a cutting edge.
7. **M Enter (Move):-** It is used to move object from their current location to new location.
8. **Co Enter (Copy):-** The copy command creates duplicate set of the objects selected.

**Note:- For commands, letters are not case sensitive. Both upper case & lower case are allowed.**