

# **GYAN SAGAR COLLEGE OF ENGINEERING**

## **DEPARTMENT OF CIVIL ENGINEERING**

### **SOFTWARE LAB (AutoCAD)**

#### **List Of Experiment:**

- 1. Introduction to CAD, Introduction to AutoCAD, Software and hardware requirements, various input and output devices. Getting started with AutoCAD, Setting drawing limits, Units etc.**
- 2. Learning and practice of Draw commands, Modify commands, utility and other commands.**
- 3. Drawing basic Geometric Shapes, Basic Plotting and Editing Tools, Architectural Views & Drafting Views.**
- 4. 3D modelling with AutoCAD**
- 5. Dimensioning, Annotating in AutoCAD with Text & Hatching, Blocks, drafting symbols and Attributes, Layers, Templates & Design Center, Advanced plotting (Layouts, Viewports)**
- 6. Drawing plan, section and elevation of 1 BHK house.**