

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA BHOPAL**

**New Scheme of Examination as per AICTE Flexible Curricula**

**Mechanical Engineering, VI-Semester**

**Departmental Lab ME-605 CAD Lab**

**List of Experiments:**

1. Layout and sketching of different geometries
2. Drawing environment in AUTOCAD
3. Elements of drawing and draw commands
4. 3D functions in AUTOCAD
5. 2D: Figures for practice using AutoCAD
6. ISOMETRIC drawing for practice using AutoCAD
7. 3-D solid figures using AUTOCAD
8. Introduction to CREO 3.0
9. Learning different Operations like Threading, Sweep, Swept-blend.
10. Modeling & Assembling

**References:**

1. Engineering graphics with Auto CAD- R.B. Choudary/Anuradha Publishers.
2. Beginning AutoCAD 2019 Exercise Workbook by Cheryl R. Shrock, Steve Heather.
3. CAD Exercises by Sachidanand Jha.