



# S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

## Mechanical Engineering Department

**Subject Name:** Computer Aided Manufacturing

**Subject Code:** 3161901

Sr.No.	Experiment
1	STUDY OF COMPUTER INTEGRATED SYSTEM: BASICS, TYPES OF MANUFACTURING, ROLE OF MANAGEMENT AND CIM WHEEL
2	NC/CNC TECHNOLOGY: DEFINITION, CLASSIFICATION, SPECIFICATION, CONSTRUCTION DETAILS, SENSORS AND ACTUATORS, AND DIFFERENT CONTROLLERS.
3	CNC PART PROGRAMMING: LATHE AND MILLING JOBS
4	EXERCISE ON PLC FOR SIMPLE PROBLEMS
5	PROBLEMS ON GT AND INDUSTRIAL CASE PROBLEMS ON CODING
6	PROBLEMS ON CAPP AND INDUSTRIAL CASE PROBLEMS
7	STUDY OF FLEXIBLE MANUFACTURING SYSTEM
8	STUDY OF ROBOTICS TECHNOLOGY
9	STUDY OF EXPERT SYSTEM IN MANUFACTURING AND MIS