

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E Semester: 1

Mechanical Engineering (CAD/CAM)

Subject Name CAPM & Programming Lab

Sr. No.	Practicals
1.	Salient features and facilities of ideal software.
2.	'C', 'C++' programming.
3.	Forecasting methods and c program of any one.
4.	Computerized plant layout design.
5.	Material requirement planning.
6.	Group technology.
7.	Computer aided process planning.
8.	Algorithm and 'C' program for sequencing / scheduling.
9.	Computer aided quality control.
10.	Shop floor control & computer process monitoring.
11.	Enterprise resource planning.
12.	Simulation.

Programs are to be developed and used in above topics. At least one project and case study should be undertaken. Recent research and development are to be referred.