

SME7A: INDUSTRIAL ENGINEERING LAB-II

B.Tech. (Mechanical) 8th Semester
OL+OT+2P

Max. Marks: 75
Exam Hours: 2

SN	NAME OF EXPERIMENT
1	Determination of time standard for a given job using stopwatch time-study.
2	Preparation of flow process chart, operation process chart and man- machine charts for an existing setup and development of an improved process.
3	Study of existing layout of a workstation with respect to controls and displays and suggesting improved design from ergonomic viewpoint.
4	To carry out a work sampling study.
5	To conduct process capability study for a machine in the workshop.
6	To design a sampling scheme based on OC curve.
7	To conduct Shewart's experiments on known population
8	Generation of random numbers for system simulation such as facility planning, job shop scheduling etc.