

8ME7A: INDUSTRIAL ENGINEERING LAB-II

1 Determination of time standard for a given job using stopwatch timestudy.-

<https://youtu.be/ecMrLUA0EdI>

2 Preparation of flow process chart, operation process chart and manmachine charts for an existing setup and development of an improved process. - <https://youtu.be/qPYPKEqtVhE>

3 Study of existing layout of a workstation with respect to controls and displays and suggesting improved design from ergonomic viewpoint - <https://youtu.be/a7NiZRMT6HE>

4 To carry out a work sampling study. - <https://youtu.be/4UnJDkN4c5U>

5 To conduct process capability study for a machine in the workshop.- https://youtu.be/p_LgK0Ffg20

6 To design a sampling scheme based on OC curve. - <https://youtu.be/f8OOqPKPvjQ>

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.- <https://youtu.be/JlqgfQTPMq4>