

CAD-CAM LABORATORY

SUBJECTS:

1. Operations of manufacturing systems (IE-311),
2. Production Planning & Control (IE-324),
3. Automation & Control (IE-418),

LIST OF EXPERIMENTS:

1. Introduction to crystal ball and its applications
2. Fitting probabilities to the given data
3. Selection of cell phone plan on the basis of forecasted cost
4. Forecasting the cycle time of a machining process
5. Analysis of a manufacturing assembly process
6. Exploring the analysis tools of crystal ball
7. Forecasting using Naïve Approach
8. Forecasting using Moving averages approach
9. Forecasting using weighted moving averages approach
10. Forecasting using exponential smoothing approach
11. Trend projections using regression analysis
12. Inventory Control System
13. How to manage inventory using ABC analysis
14. Selection of Order Quantity by EOQ
15. Selection of Production Quantity by POQ
16. Aggregate planning using LEVEL strategy
17. Aggregate planning using CHASE strategy
18. Material Requirement Planning using POM software

PICTURE GALLERY:

