**VARDHAMAN COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

**PRODUCTION PLANNING AND CONTROL**

**IV B.Tech I Semester Assignment – II**

1. (a) Define Forecasting. Elaborate on various techniques of Demand Forecasting? How can you describe Qualitative techniques with their advantages and disadvantages?

(b) How can you describe various factors affecting Sales Forecasting?

1. (a) How can you make a distinction between Short-term, Medium-term and Long-term Forecasting?

(b) How could you differentiate between Qualitative and Quantitative techniques for forecasting?

1. (a) How would you explain the general principles of Forecasting?

(b) What is the main idea of implementing Delphi method in Forecasting? Discuss their pros and cons.

1. (a) How can you describe the components of Time Series in detail?

(b) How would you explain method of Least Squares, Simple Moving Average method, method of Linear Regression, Exponential Smoothing method? Discuss their pros and cons.

1. (a) How can you describe Forecasting Error? Discuss any two measures to determine the accuracy of any forecasting method.

(b) What can you say about correlation? Discuss any two types of correlation.