**Lesson Plan**

Class: BcomII semester iv (Even)

Name: Sunita Rani

Designation: Assistant Prof. of Commerce

Paper: Business Statistics

|  |  |
| --- | --- |
| January 2020 | Simple Correlation: concept, types: multiple and partial; Linear and non linear; Scatter diagram, Methods: Karl Pearson’s co-efficient of correlation, Spearman’s Rank correlation, Concurrent deviation method; Probable and standard errors. Regression  analysis: meaning, difference between correlation and regression. |
| February 2020 | Regression coefficients, Methods of calculation of simple regression, standard error of estimate. Probability; concept and approaches; addition and multiplication laws of probability; conditional probability, Bayes’ Theorem. |
| March 2020 | Probability distributions: concept, Binomial, Poisson and normal distributions: their properties and parameters. |
| April 2020 | Revision of the syllabi |

Assignment 1: Methods of Correlation.

Sessional Test: Regression co-efficient.

Assignment2: Properties of Binomial, Poisson and Normal distribution.