Odd Semester Lesson Plan

Teacher name: **Mrs. Pinki Gupta**

Subject: **BC-302 BUSINESS STATISTICS-I**

October 2020

Introduction of statistics: concept, scope, usefulness & limitations of statistics, distrust of statistics.

November 2020

Collection of data: primary and secondary data, methods of collection of data.

December 2020

Measure of central tendency: mean, median, mode, harmonic mean and geometric mean. Measure of dispersion: range, inter-quartile range, quartile deviation, mean deviation, standard deviation, coefficient of variation, Lorenz curve.

January 2021

Index numbers: meaning, types and uses of index numbers, methods of preparation of index numbers: simple or unweighted and weighted index number, problems in the preparation of index numbers, Tests of adequacy; Chain-base index numbers; Base shifting, Splicing and deflating, Consumer price index.

February 2021

Analysis of Times Series: causes of variation in time series data; Components of a time series; Decomposition: additive and multiplicative models; determination of trend: moving averages method and method of Least Squares (including linear second degree, parabolic, and exponential trend); Computation of seasonal-indices by sample averages, ratio-to-trend, ratio-to moving average and link relative methods.