DEPARTMENT OF COMMERCE
SHYAM LAL COLLEGE, UNIVERSITY OF DELHI

SUBJECT-BUSINESS STATISTICS			Course & Sem: B.COM (H) Sem IV TEACHER- DR. Anurag Maurya
S.NO.	FROM	TO	TOPICS
Week 1	18-Jan-24	24-Jan-24	Meaning and Definition Importance of statistics , functions, Distrusts of Statistics Classification and Tabulation of data
Week 2	25-Jan-24	31-Jan-24	Measures of Central Tendency - Calculation of Arithmetic Mean (Simple and Weighted)
Week 3	1-Feb-24	7-Feb-24	Measures of Central Tendency - Calculation of Median and Mode, Harmonic Mean and Geometric Mean
Week 4	8-Feb-24	14-Feb-24	Measures of Dispersion - Quartiles, Range, Quartile Deviation, Mean Deviation and Standard Deviation, Skewness and Kurtosis
Week 5	15-Feb-24	21-Feb-24	Probability and Probability Distribution - Theory and Approaches and Probability Theorems, Multiplication and Addition
Week 6	22-Feb-24	28-Feb-24	Probability and Probability Distribution - Conditional Probability and Bayes' Theorem, Expectation and Variance of a Random Variable
Week 7	29-Feb-24	6-Mar-24	Probability and Probability Distribution - Binomial, Poisson and Normal Distribution
Week 8	7-Mar-24	13-Mar-24	Correlation and Regression - Introduction, Properties, Scatter Diagram, Karl Pearson's Coefficient of Correlation
Week 9	14-Mar-24	20-Mar-24	Correlation and Regression - Spearman's Coefficeint of Correlation, Probable and Standard Error, Numerical Problems
Week 10	21-Mar-24	23-Mar-24	Correlation and Regression - Regression, Properties of Regression Coefficient, Least Square and Regression Lines, Regression Equations and Coefficient of Determination
Week 11	24-Mar-24	31-Mar-24	**MID SEMESTER BREAK**
Week 12	1-Apr-24	7-Apr-24	Time Series - Components, Additive and Multiplicative Models, Trend Analysis, Fittig of Trend Using Principle of Least Squares
Week 13	8-Apr-24	14-Apr-24	Time Series - Fitting of Trend Using Principle of Least Squares: Linear and Second Degree Parabola
Week 14	15-Apr-24	21-Apr-24	Time Series - Shifting of Origin, Conversion of Annual Linear Trend Equation to Quarterly/Monthly Basis and Vice-Versa
Week 15	22-Apr-24	28-Apr-24	Index Numbers - Meaning and Uses, Construction of Index Numbers using Laspeyres Method, Paasche Method and Fisher's Ideal Index Method
Week 16	29-Apr-24	5-May-24	Index Numbers - Cponstruction and Utility of Consumer Price Indices, BSE Sensex and NSE Nifty
Week 17	6-May-24	12-May-24	Discussion of Previous Year Question Papers

Teaching Methods :

1. LECTURES
WORKING OUT OF
2. NUMERICAL PROBLEMS
3. ACTIVITY (USING EXCEL