

**Proposed Syllabus of BBA**  
**CBCS**  
**BBA Degree Course – I Year – II Semester**  
**Department of Commerce and Business Management, Kakatiya University**  
**205: BUSINESS STATISTICS - I**

Duration: 3 hrs.

Marks: 100

- Unit – I** Introduction – Definition, Meaning and Scope of Business Statistics – Collection of Data – Primary Data- Methods of Investigation --Formulation of Questionnaire – Secondary Data –Sources -Limitations of Statistics
- Unit – II** Tabulation – Classification– Frequency Distribution- Discrete or Ungrouped Frequency Distribution - Grouped Frequency Distribution - Rules of Classification – Averages - Mean, Median, Mode in different Distributions
- Unit – III** Dispersion – Range – Quartile Deviation – Merits and Demerits of Quartile Deviation, Mean Deviation Computation of Mean Deviation, - Uses – Standard Deviation - Merits and Demerits of Standard Deviation – Different Formula for Calculating Variation – Coefficient of Variation – Relation between Various Measures of Dispersion .
- Unit – IV** Correlation – Types of Correlation – Methods of Correlation – Karl Pearson Coefficient of Correlation - Spearman's Rank Correlation – Regression – Linear and Non – Linear Regression - Lines of Regression – Coefficient of Regression –
- Unit – V** Index Numbers – Types of Index Numbers – Problems in Construction of Index Numbers- Methods of Constructing Index Numbers- Weighed Average Method – Simple Aggregate Method – Weighted Aggregate Method –Fishers Ideal Index-Cost of Living Index

**References:**

1. **S.P. Gupta - Statistical Methods Sultan Chand & Sons New Delhi**
2. **S.C. Gupta and Indra Gupta Business Stastics Himaliaya Publishing House Delhi**