Business Statistics

Semester IV

Discipline-2

1. **Introduction:** Concept, Collection and presentation of data- Primary and Secondary data: Methods of data collection – Frequency distribution- Diagrammatic presentation of frequency distribution.
2. **Measurement of Central tendency:** Mean, median, mode: different Properties: Partition Values: quartiles, deciles, percentiles.
3. **Measurement of dispersion:** Range, quartile deviation, mean deviation, standard deviation, different properties.
4. **Moments, Skewness and Kurtosis:** Raw moments and Central moments - their relationship, Different measures of Skewness and Kurtosis.
5. **Correlation and Regression:** Concepts, Simple Correlation Coefficient and its properties, Simple Regression lines and properties.