

# **BASIC STATISTICS**

## ***MULTI DISCIPLINARY COURSE***

### **UNIT - I**

**Meaning, scope and limitations of Statistics :** Collection of data: Primary and Secondary, Classification and Tabulation, Construction of frequency distribution. Graphical Representation : Histogram, Bar, Pie, and Frequency polygon.

### **UNIT-II**

**Measures of Central Tendency :** Features of good average, Arithmetic Mean Median, Mode, Empirical relationship between the Mean skewness based on central values.

### **UNIT-III**

**Measures of Dispersion :** Range, Quartile Deviation (QD), Mean Deviation, Variance, Standard Deviation (SD), relationship between QD, MD and SD. Familiarization of the concepts relating to Correlation and Linear Regression line.