

# **Overview of the Course of Statistics (Textile)**

## **Subject Code- 2149**

### **Objective of the Course:**

- To be able to understand the basic concepts and principles of statistics.
- To be able to use the knowledge of data collection and presentation of data.
- To be able to use the knowledge of different graphical representation and central tendency.
- To use the knowledge of measures of dispersion; distribution and sampling to solve the different problems.

### **SHORT DESCRIPTION**

Basic concepts of statistics; data collection; presentation of data; graphical representation; central-tendency; measures of dispersion; distribution; sampling; correlation; regression; time series.

There are 21 Chapters in this Subject of Statistics  
Such as:

01. Basic Concept of Statistics
02. Data Collection
03. Data Classification
04. Tabulation
05. Presentation of Data
06. Attribute & Variable
07. Frequency Distribution
08. Graphical Representation
09. Histogram
10. Frequency Polygon
11. Pie Chart
12. Arithmetic Mean
13. Geometric Mean
14. Harmonic Mean
15. Median
16. Mode
17. Dispersion
18. Range
19. Variance & Standard Deviation
20. Correlation
21. Regression