

**Aims:**

Understand the key principles of statistics; Interpret and evaluate the kinds of data found in everyday life; Perform and interpret results from simple statistical estimation and analyses.

**Syllabus:**

- introducing the course objectives and method; Descriptive statistics: common techniques for presenting and summarizing data
- Descriptive statistics (2): common techniques for presenting and summarizing data
- Patterns in Data- Regression (1)
- Patterns in Data- Regression (2)
- Collecting Data (1)
- Collecting Data (2)
- Estimation
- Point Estimation
- Interval Estimation (1)
- Interval Estimation (2)
- Statistical Testing (1)
- Statistical Testing (2)
- Analysis of variance (1)
- Analysis of variance
- Conclusion
- Pls check course outline on LMS

**Text Book:**

Hogg, RV & Tanis, Probability and Statistical Inference, 8th Ed., Prentice-Hall, 2010.