Basic Statistics for Economics

Course Code: TECOK003T

Course Title: Basic Statistics for Economics

Semester: I

Credits: 4

Rationale

The major goal of the course is to teach students how to use the different tools and methods of descriptive statistics to understand different economic phenomena and analyse economic data.

Course Outline

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Course Outcomes

After the successful completion of the course, the students will be able to

Classify, Tabulate and present the data.

- Analyze statistical data with the help of graphs.
- · Analyze statistical data using measures of central tendency and measures of
- Understand statistical methods efficiently and apply them to the real world problems.

Text Books

- 1. GuptaS. P. "Statistical Methods", Sultan Chand & Sons, N. Delhi (Latest Edition).
- 2. Gupta, S. C. and Kapoor, V.K. (2008): Fundamentals of Mathematical Statistics, 4th Edition (Reprint), Sultan Chand & Sons
 - 3. Das N G (2008), Statistical Methods: Tata Mc-Graw Hill
- 4. Hogg, R.V., Tanis, E.A. and Rao J.M. (2009): Probability and Statistical Inference, Seventh Ed, Pearson Education, New Delhi.

Reference Books

- 1. Croxton and Dudley "Applied General Statistics", (Latest Edition).
- 2. Hooda, R. "Statistics for Business and Economics", Macmillan, ND (Latest
- 3. JayL. Devore, Probability and Statistics for Engineers, Cengage Learning, 2010.
- 4. Richard J. Larsen and Morris L. Marx, An Introduction to Mathematical Statistics and its Applications, Prentice Hall, 2011.
- 5. Mantzopoulos Victoria L (1995), Statistics for the Social Sciences: Prentice Hall, Englewood Cliffs, NJ.
- 6. Fleming Michael C. and Joseph G. Nellis (1996), The Essence of Statistics for Business 2e : Prentice Hall, Hemel Hempstead
- 7. Neil Weiss (1993), Elementary Statistics 2e: Addison Wesley, Reading, MA
- 8. Monga G S(2010) Mathematics and Statistics for Economists.: Vikas Publication House Pvt Ltd
- 9. Wetherill, G.B (1970), Elementary Statistical Methods: Pitman London
- 10. Croxton E.E.Cowden, D.J (1955) Applied General Statistics. Prentice hall Inc

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