

Skill Enhancement Course: 2021-22 Course  
For UG First Semester

Theory

Statistical Package for Social Science in Bio-Social Sciences

Paper Code- AAUCTL3/ ASUCTL3

Credit-1

- Unit I: Descriptive statistics: Types of variables  
Unit II: Measures of Central Tendency,  
Unit III: Measures of Dispersion,  
Unit IV: Frequency Distribution: Histogram, Bar graph, Pie Chart, Polygraph  
Unit V: Test of Inference

Suggested Readings

1. B.L. Agarwal. Basic Statistics. New Age International Publishers. Fourth Edition, 2006.
2. Fox and Alan. Elementary Statistics in Social Research. Gian Publishing House,
3. Sunder Rao, P.S.S. et al. An introduction to Biostatistics & Research Method. New Arrivals-PHI
4. Wackerly Dennis D, Mendelhall III, Wiliam et al. Mathematical Statistics with application Duxbury Press, Pacific Grove.
5. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to data analysing using SPSS. SAGE Response, New Delhi, India, 2009.
6. Sunder Rao, P.S.S. et al. An introduction to Bio-statistics & Research Method. New Arrivals-PHI.
7. Conover W.J. Practical Nonparametric Statistics. Third Edition. Wiley India (P) Ltd. Ansari Road, Daryaganj, New Delhi. 1999.

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