

4th SEMESTER
DISCIPLINE SPECIFIC COURSE (CORE-IV)

PSY420C: PSYCHOLOGY: RESEARCH METHODS IN PSYCHOLOGY

CREDITS: THEORY = 4; PRACTICUM = 2

Objective: To introduce basic statistical methods, psychological testing and qualitative methods and their uses.

THEORY: 4 CREDITS

Unit 1: Introduction: Scales of measurement, graphical representation of data

Unit 2: Data analysis: Measures of central tendency: Mean, median, mode (properties and computation). Standard deviation: properties and computation. Correlation: Pearson method, properties of Normal Probability Curve (NPC).

Unit 3: Psychological Testing: Introduction to psychological testing, characteristics of test, Reliability, Validity, Norms, standardization, types of tests,

Unit 4: Qualitative methods: Interview, observation, case study

PRACTICUM: 2 CREDITS (Any two from below 4 practicals)

1. Construction of a frequency distribution
2. Graphical Representation
3. Correlation
4. Preparation of Interview Schedule

READINGS

1. Chadha, N.K. (1991) Statistics for Behavioral and Social Sciences. Reliance Pub. House: New Delhi.
2. Wani, N. A (2019). Introduction to Psychology. Dominant Books New Delhi.
3. Garrett, H.E. & Woodworth, R.S. (1987). Statistics in Psychology and Education. Mumbai: Vakils, Feffer & Simons Pvt. Ltd.
4. Gregory, R.J. (2006). Psychological Testing: History, Principles, and Applications (4th Ed.). New Delhi: Pearson Education.
5. King, B.M. & Minium, E.W, (2007). Statistical Reasoning in the behavioral Sciences USA: John Wiley & Sons.