

UNIT I

Introduction to Scientific Methods - Social Work Research (SWR) Purpose of SWR; Social work Research and professional practice. Types: Pure, applied, Descriptive, Explorative, Explanatory and Evaluation Research. Qualitative and Quantitative. Conducting research; Consuming/Appreciating SWR products, Vending and supervising SWR projects.

UNIT II

The Process of Survey Research: Problem identification and formulation, Conceptual framework, Objectives, Concepts, Variables, Validity & Reliability, Assumptions and Hypothesis.

UNIT III

Research Design: Types of design and their scope – Exploratory, experimental, descriptive, diagnostic designs, Social Survey and Case Study.

UNIT IV

Sampling Methods: Principles of Sampling – Probability and Non-probability sampling within a quantitative paradigm – Sampling frame and sample size determination - Sampling Types-Random, Stratified, Systematic, Cluster/multi-stage sampling, purposive sampling methods.

Unit V

Data Processing Techniques and Statistics: Structuring and sorting data; Tabular and graphic presentation of data; development of database; data entry in SPSS software. **Analysis of Data;** **Levels of measurement** (nominal, ordinal, interval & ratio) - **Descriptive statistics** (Percentage, measures of central tendencies – mean, median and mode) - **Measures of Dispersion** (Range, mean deviation, standard deviation) - **Hypothesis testing** (Chi-square test/ t test/ ANOVA) - **Multivariate Analysis** (MANOVA/ Correlation/Regression/Discriminant Analysis/ Factor Analysis/ Cluster Analysis) - **Re-linking with social work theory – Use of SPSS for each of these data analysis.;** **Research Reporting:** Principles of research reporting; Criteria for a good research report. Dissemination of research finding.

REFERENCES:

1. Babbie Earl : The practice of social VI Edition Research, Belmont, California, Wadsworth Publishing Company 1992.
2. Dooley, David : Social Research Methods (Fourth Edition) New Delhi. Prentice Hall 2007.

3. Grinnel Jr. Richard M : Social Work Research and Evaluation (Third Edition) Itasia P.E.Peacock Publisher Inc 1988.
4. Rubin, Allen and Babbie Earl : Essential Research methods for social work, United states Books/cole/publishing 2007.

SUGGESTED READINGS

1. David J. Bartholomew, Fiona Steele, Irini Moustaki, Jane Galbraith *Analysis of Multivariate Social Science Data*, Chapman and Hall 2008.
2. Grimm J W et al. *Basic Social Statistics and Quantitative Research Methods*, Balmount Wadsworth Pub. Co. 1990
3. Martyn Hammersley *Social Research*, New Delhi: Sage Publications 1993.
4. Maxim P.S. *Quantitative Research Methods in the Social Sciences*, New York, OUP 1999.
5. Alston Margaret (2007): Research for Social Work New Delhi: Rawat
6. Bryman Alan (2008): Social Research Methods, III Edition New York: Oxford University press
7. D ' Cruz Heather & Jones Martyn (2004): Social Work Research, New Delhi: Sage
8. Good & Hatt (2006): Methods in Social Research, New Delhi: Surjeet
9. Grinnel Jr & Williams (1990):Research in Social Work, A primer, Illinois: Peacock
10. Krishnasamy O.R & Ranganatham M (2007):Methodology of Research, New Delhi: Himalayan
11. MC Burney Donald H (2002): Research Methods, United States: Thomson Wordsworth