

Syllabus Semester –III

Course Title: Research methodology and Computer Application

Course Credits: 04

Course Learning Outcomes (CLOs)

The course learning outcomes are as follows:

1. To discern the importance of research in social work
2. To acquaint students with the use of computer applications for research and data analysis
3. To develop analytical and report writing skills

Unit I: Social Work Research

- Ethics in Research
- Scientific Method: Meaning and Characteristics
- Social Work Research: Nature, Meaning and Steps, Scope and Significance
- Types of Research: Quantitative, Qualitative and Mixed Method

Unit II: Scientific Approach to Social Science Research

- Thinking Like a Researcher: Unit of Analysis, Concept, Construct and Variable
- Research Design: Exploratory, Explanatory, Descriptive, Experimental
- Sampling: Method and Importance
- Tools of Data Collection: Qualitative and Quantitative (Reliability and Validity)

Unit III: Qualitative Research Methods

- Action Research
- Methods of Qualitative Research: Ethnography, Case Study, FGD
- Grounded Theory

Unit IV: Statistics and Data Analysis

- Measures of Central Tendency and Measures of Dispersion
- Correlation and Regression Analysis
- Data Analysis, Interpretation and Discussion
- Report Writing

Unit V: Computer Applications

- Relational Database Management System
- Computer Software for data analysis (Spreadsheet Package, PSPP, Etc.)
- Visualization of Concept, Process and Findings: Preparation of Charts, Graphs and Diagram.

References/Suggested Readings/ Web links:

1. Kumar, R. 2011. Research Methodology: a step-by-step guide for beginners: Sage Publications
2. Rubin, A. & Babbie, E. 2011. Methodology for Social Work Research: Cengage Learning
3. Laldas, D.K. 2014. Practice of Social Research: Rawat Publications
4. Silverman, D. 2011. Qualitative Research: Sage Publications
5. G. Guthrie. 2010. Basic Research Methods: An Entry to Social Science Research: Sage Publications
6. Gupta, S.C. 2013. Fundamentals of Statistics: Himalaya Publishing House
7. Gaur, S.S. & Gaur, A.S. 2009. Statistical Methods for Practice and Research: Response Publishers
8. Flick, U. 2011. Introducing Research Methodology: Sage Publications
9. Srivastava, V.K. 2004. Methodology & Fieldwork: Oxford University Press
10. Freedman, D. & Pissin, R. Purves, R. 2009. Statistics: Viva Books Pvt. Ltd.
11. B. Kenneth. 2007. Method of Social Research:

