

**DISCIPLINE SPECIFIC ELECTIVE COURSE – 10 (DSE-10): QUANTITATIVE,  
QUALITATIVE AND MIXED RESEARCH METHODS**

**Credit distribution, Eligibility and Prerequisites of the Course**

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
<b>QUANTITATIVE, QUALITATIVE AND MIXED RESEARCH METHODS</b>  <b>DSE 10</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>12<sup>th</sup> Pass</b>	<b>NIL</b>

**Learning Objectives**

The learning objectives of this course are as follows:

- To understand the nature, scope and significance of research in social work practice
- To develop an ability to see the linkages between practice, research and theory
- To learn the process of data collection, organization, presentation, analysis and report writing

**Learning outcomes**

At the end of the semester the students will be able to

- Enumerate the concept of quantitative and qualitative research and its significance in field practice
- Draft research proposal and apply research process in practice/field
- Demonstrate skills, techniques and integrate theories of social work research in field work and research practice

**SYLLABUS OF DSE- 10**

**Unit I: Quantitative Research Method**

**15 Hours**

**Unit Description:** This unit will introduce the quantitative research method, data processing and data analysis with different types of methods.

**Subtopics:**

- Quantitative Research Methods- Scales, Questionnaire, interview schedule, statistical Data processing.
- Tabulation and presentation of Statistics: (1) Measures of Central Tendency- Mean, Median, Mode (2) Measures of Variability: Standard Deviation and Mean Deviation.
- Correlation-Meaning and Scope Significance Tests: Pearson's Chi-Square and 't' test.

**Unit II: Qualitative Research Methods****15 Hours**

**Unit Description:** This unit will help to learn about the qualitative research methods and tools of data collection. The unit will also cover different measures of analysing the data and report writing.

**Subtopics:**

- Qualitative Research Methods- Nature, Concept and Definition of Qualitative Research, Advantages and disadvantages of Qualitative Research
- Tools of Data Collection in Qualitative Research: Observation, Focus Group Discussion, In-depth Interview, Case Studies.
- Analysis of qualitative data, Possible biases and measures to ensure objectivity, Content analysis, framework analysis

**Unit III: Mixed Research Method****15 Hours**

**Unit Description:** This unit will focus on the mixed research methods. This will also emphasize on validity and reliability of this method as well as report writing and evaluation.

**Subtopics:**

- Integration/mixing quantitative and qualitative data, Triangulation
- Validity and Reliability in Mixed Methods Research
- Reporting and Evaluating: Quantitative, Qualitative and Mixed Methods Research

**Practical component****30 Hours****Unit IV: Report preparation and plagiarism check**

**Unit Description:** This unit will provide hands on experience of preparing reports based on quantitative and qualitative data. The unit also covers process of plagiarism check and its significance.

**Subtopics:**

- Project work: Quantitative data collection and analysis using statistical measures
- Project Work: Qualitative data collection, transcription and analysis
- Project Work: Report preparation, plagiarism checking using software

**Essential readings**

- Babbie, E. (2015). Basics of Social Research, Rawat Publications, Jaipur.
- Babbie, E. (2014). Practice of Social Research, Rawat Publications, Jaipur

- Bajpai S.R. (1976). Methods of Social survey and Research, Kitab Ghar, Kanpur
- Bhattacharyya, D.K., (2009). Research Methodology, Excel Publications, New Delhi. Maluccio
- Creswell, J. W. (2014). Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. New Delhi: Sage.
- Leavy, P. (2017). Research Design: Quantitative, Qualitative, Mixed Methods, Arts-Based, and Community-Based Participatory Research Approaches. New York: Guilford Press
- Martin, W. E.; & Bridgmon, K. D. (2012). Quantitative and Statistical Research Methods: From Hypothesis to Results. San Francisco: Jossey-Bass.
- Rajaretnam, T. (2015). Statistics for Social Sciences. New Delhi: Sage

#### **Suggested Readings:**

- Atkinson, P. & Delamont, S. (2011). Sage Qualitative Research Methods. New Delhi: Sage.
- Bandalos, D. L. (2018). Measurement Theory and Applications for the Social Sciences. New York: The Guilford Press.
- Goodwin, C. J. (2010). Research in Psychology Methods and Design, 6th ed. New Jersey: John Wiley & Sons.
- Hammersley, M. (2013). What is Qualitative Research? New York: Bloomsbury.
- Hays, William L (1973). Statistics for the social sciences. New York: Rinchart and Winston
- McNemar, Q (1949). Psychological Statistics. New York: John Willey
- Mitchell, M. L.; & Jolley, J. M. (2013). Research Design Explained, 8th ed. New Delhi: Wadsworth, Cengage Learning.

**Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.**