

Programme: M. A. (Sociology)

Course Code: SOC - 601

Title of the Course: Quantitative Research

Number of Credits: 4

Effective from AY: 2023-2024

Prerequisites for the course:	Nil	
Objectives:	<p>This course aims to:</p> <ul style="list-style-type: none"> familiarise the students to a variety of tools used to conduct empirical quantitative research in sociology. to acquaint students with the different stages of research process like selection of research design, methods of data collection and analysis. 	
Contents:	5. Introduction: Definition and history of quantitative research methodology; quantitative research process; Reliability and validity in quantitative research; Ethics in Social research	10 hours
	6. Quantitative Research Designs: Descriptive, Experimental, Quasi-experimental, and correlational research design, Types of Variables; Hypothesis-meaning and types of hypotheses	15 hours
	7. Process of data collection in Quantitative Research- Meaning and types of Survey Methods, Sampling meaning and types, Tools of data collection- Questionnaire and Interview method	20 hours
	8. Analysing Quantitative Data- Use of Statistics in Social Research, graphical presentation of data, measures of central tendency (mean, mode and median)	15 hours
Pedagogy:	Lectures, discussions, assignments, field visits and field-based assignments	
References/Readings	<p>Bailey, K. (1994). <i>Methods of Social Research</i>. New York, The Free Press, pp. 81- 104.</p> <p>Barnes, J. A. (1977). <i>The Ethics of Enquiry in Social Sciences</i>. Delhi: Oxford University Press.</p> <p>Blalock, H.M. (1972). <i>Social Statistics</i>. New York: McGraw Hill.</p> <p>Bhandarkar, P. L and Wilkinson, T. S. (2013). <i>Methodology and Techniques of Social Research</i> (13th Edition). New Delhi: Himalaya Publishing</p>	

	<p>House.</p> <p>de Vaus, D. A. (1986). <i>Surveys in Social Research</i>. London: George Allen and Unwin.</p> <p>Gupta, S. P. (2007). <i>Elementary Statistical Methods</i>. New Delhi: Sultan Chand & Sons. pp. 155- 168, 173-180, 187-197.</p> <p>Haralambos, M and Holborn, M, (2014). <i>Sociology: Themes and Perspectives</i>. London: Collins Publishers.</p> <p>Lal Das, D.K. (2015). <i>Designs of Social Research</i>. Jaipur: Rawat Publication.</p> <p>Punch, K. F. (2014). <i>Introduction to Social research: Quantitative and qualitative approaches</i>. New Delhi: Sage Publication.</p> <p>Raftery, A E. (2000). 'Statistics in Sociology, 1950-2000', <i>Journal of the American Statistical Association</i>, Vol. 95 (450). pp. 654-661.</p> <p>Stockemer, D. (2019). <i>Quantitative Methods for the Social Sciences: A practical introduction with examples in SPSS and Stata</i>. Switzerland: Springer Publication.</p>	
Course Outcomes:	<ol style="list-style-type: none"> 1. Students will be able to identify the nature of a sociological research problem which necessitates quantitative data to achieve research objectives. 2. Will be in a position to design a quantitative research design. 3. Can apply elementary statistics to classify and analyse data. 4. Will be in a position to explain the relationship between variables. 	