

Ph. D in Geography
(As Per SNTD Women's University Ph.D. Regulation 2022)
Research Methodology

Unit-1	Basics of Research Research: Definitions, Types & Theories in research, Explanation in Geography, Recent Trends in Geographic research. Approaches to Geographical Research: Interdisciplinary, trans –disciplinary and multi- disciplinary.
Unit-2	Data Collection and Analysis Geographical Data: Sources, Methods of data collection, Primary and Secondary data, collection and classification, Sampling Methods: Techniques and types of sampling techniques, Hypothesis: Types, Characteristics, Formulation and testing
Unit-3	Research Design Research Methods in Geography, Meaning of Research Design, its need, Formulation of research problem, analytical framework, designing of a questionnaire, Review of literature survey, its type and role of internet. Computer based analysis e.g. techniques of analysis Spatio temporal changes etc.
Unit-4	Report Writing Organization of a research report/ thesis. the preliminaries (Pre writing considerations) Format of report writing, Abstract Writing, Synopsis Writing, Techniques of writing a scientific paper, steps in report/thesis writing, Language and presentation (form and style) References and Bibliography, Use of computer/ internet in report/Thesis writing.

Suggested Readings:

1. Basil Gomez and John Paul Jones, (2010): “*Research Methods in Geography: A Critical Introduction (Critical Introductions to Geography)*”, Wiley-Blackwell.
2. Davies Wayne K.D. (ed.), (1972): “*The Conceptual Revolution in Geography*”, University of London Press Ltd., London.
3. DydiaDeLyser, Steve Herbert, Stuart Aitken and Mike A Crang, (2009) : “*The SAGE Handbook of Qualitative Geography*”, Sage Publications Ltd.
4. Har Prasad, (1992): “*Research Methods and Techniques in Geography*”, Rawat Publications.

5. Harvey D., (1973): *"Explanation in Geography"*, Edward Arnold, London.
6. Iain Hay, (2010): *"Qualitative Research Methods in Human Geography"*, Oxford University Press, USA.
7. Keith Hoggart, Loretta Lees and Anna Davies, (2002): *"Researching Human Geography"*, Oxford University Press, USA.
8. Misra R. P., (1989): *"Research Methodology: A Handbook"*, Concept Publishing Company, New Delhi.
9. Murthy, K.L.Narasimha (1999): *Geographical Research*, Concept Publishing Company
10. Nicholas Clifford, Shaun French and Gill Valentine, (2010): *"Key Methods in Geography"*, Sage Publications Ltd.
11. Robert Kitchin and Nick Tate, (1999): *"Conducting Research in Human Geography: theory, methodology and practice"*, Benjamin Cummings.