

MANGALORE UNIVERSITY
MSc Geography

HARD CORE COURSE: GYH 502: Research methodology

Course Learning Outcomes

- CO1. Identify researchable area/topic in geography
- CO2. Develop a research proposal
- CO3. Execute different methods of data collection and analysis
- CO4. Communicate research findings through appropriate mediums
- CO5. Connect real world with theory and methods

Unit - I Research: Meaning, Definitions, objectives, characteristics and types.
Steps involved in Research. Research Ethics. -

13

Unit - II Forms of Research: Paper, Article, workshop, seminar, conference and symposium. Thesis writing: Its characteristics and format. Research Approaches. Developing the Objectives Significance of Research. -14

Unit - III Research Methods: Research Methods versus Methodology. Research and Scientific Method. Problems Encountered by Researchers in India. Sampling techniques for geographical analysis. -14

Unit- IV Research Process: Identification of problem, Review concepts and theories, Review previous research finding, Formulate hypotheses, Design research (including sample design), Data Collection (Execution), Data Analyse, Testing of hypotheses, Generalization and Interpretation, Report writing Conclusions, Bibliography. -13

References:

Text Books

1. Gilbert, N. 2001: **Researching Social Life**, Sage, London.

References:

2. Flowerdew, R. and D. Martin 2005: **Methods in Human Geography: A Guide for students doing a research project**, Prentice Hall, New York.
3. Clifford, N.J. and G. Valentine 2003: **Key methods in Geography**, Sage, London.
4. Leedy, P. D. and J.E. Ormrod 2001: **Practical Research: Planning and Design**,