

# Syllabus for Pre - Ph. D. Course Work

## Paper - II - Geography

The Paper is divided into 4 units each of one credit

### Unit - I : Themes of Geographical Research

Geographical research in Geomorphology, Urban Geography, Political Geography, Population Geography, Settlement Geography, Environmental Geography, Land use and Agriculture, Socio - Economic Geography, New Dimensions of Geographical Research.

### Unit - II : Types of Research

Descriptive, Correlational, Explanatory, Exploratory, Qualitative and Quantitative Research.

### Unit - III : Methodology and Techniques

Research Problems, Objective, Hypothesis, Data Collection - Sources of data, Types of data - Primary, Secondary and Tertiary, Questionnaire and Schedule, Field Survey, Sampling Methods, Tabulation of Data, Analysis of data, Qualitative and Quantitative techniques - Correlation, Multivariate Analysis.

### Unit - IV : Preparation of Maps and Diagrams

Application of Cartographic techniques to represent Statistical data. Statistical tools to represent and analyse data, Preparation of different types of Maps.

### Suggested Readings:

1. Pathak, Anilkumar (2012) : Research Methodology in Geography, Maxford Books, New delhi.
2. Gupta, S. P. (2011) : Research Introductory Concept, Methods and Techniques, Sharda Pustak Bhawan, Allahabad.
3. Misra, R. P. (1989) : Research Methodology : A Handbook, Concept Publishing Company, New Delhi.
4. Murthy, K. L. Narasimha (2014) Research Methodology in Geography : A Text Book, Concept Publishing Company Pvt. Ltd., New Delhi.
5. Graham, R. Gibbs (2007): Analysing Qualitative Data, Sage Publication New Delhi.
6. Uwe, Flick. (2001): Introducing Research Methodology, Sage Publication, New Delhi.
7. Koli, Lakshmi Narayan : (2017) Research Methodology ( Hindi), Y. K. Publisher's, Agra.
8. Kothari, C. R. Research Methodology: Methods & Techniques, Wiley Eastern Limited: New Delhi.
9. Mukherjee, R. N. :Social Survey and Social Research (Hindi), Vivek Publication, New Delhi.
10. Suleman, Md.: Research Methodology in Psychology and Sociology.
11. Mahmood, Aslam – Statistical Methods in Geography.

*Moan*  
10/5/19  
*Rkshama*  
10.5.19.

*Mishra*  
10.5.19

*Ashay*  
10.5.19

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