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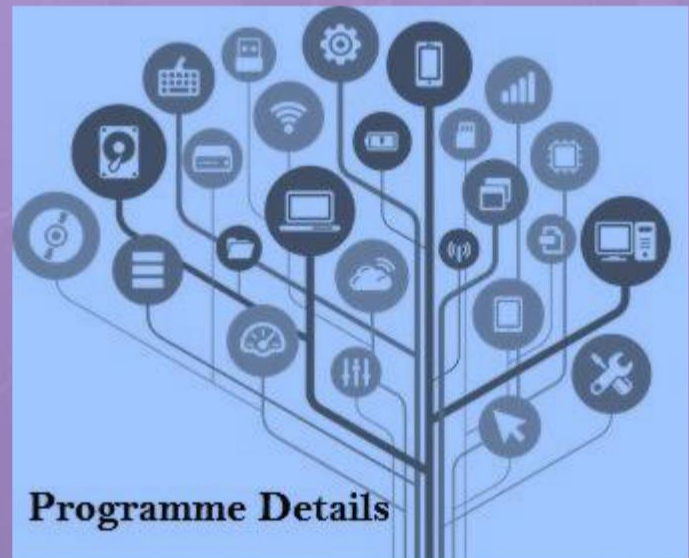


# University of Mysore

(Estd.1916)

## Ph.D in GEOGRAPHY

Choice Based  
Credit System  
(CBCS)



Programme Details



UNIVERSITY OF MYSORE  
Department of Studies in Geography  
Manasagangotri, Mysuru-570 006

Regulations and Syllabus  
Ph.D. in GEOGRAPHY

UNIVERSITY OF MYSORE  
GUIDELINES AND REGULATIONS LEADING TO  
**PH.D. IN GEOGRAPHY**

Programme Details

Name of the Department	:Department of Studies in Geography
Subject	: Geography
Faculty	: Science and Technology
Name of the Course	: Ph.D.

**PHD. PROGRAMME IN GEOGRAPHY**

**Programme outcome:** At the end of the programme

- Candidates are able to demonstrate proficiency in using geo spatial research tools.
- Candidates will demonstrate the ability to communicate geographic information utilizing both oral and written form throughout their thesis research by defending and communicating facts, ideas and research results through oral, graphical and quantitative forms.
- The candidates will demonstrate the ability to analyze, interpret and draw conclusion using scientific enquiry, tools and critical thinking.
- Candidates are enabled to complete a research project of notable scope and originality that will make a significant contribution to the discipline of geography and related fields.

**COURSE-I : RESEARCH METHODS IN GEOGRAPHY**

**Course Outcomes:**

**After successful completion of this course the candidates are expected to**

- Define research problem and Interpret as well as analyze various issues in Geographical research perspective.
- Demonstrate proficiency in formulating research and sampling design and gather, analyse varieties of data.
- be in a position to handle independent research and case studies
- Conduct fieldwork with special emphasis on interviews and observations.

**Pedagogy:**

This course involves both the class room teaching and demonstration. The students enrolled for research programme will be provided an exposure to various aspects of research in the field right from the selection of a research problem to the interpretation and thesis writing and submission.

### **Course Content**

**UNIT-I. Research Methodology:** Meaning –Need for Scientific research Type of research-

Approaches to geographical research: Defining the Research problem Ethics in Scientific Research, Role of Information Technologies in Research.

**UNIT-II. Research design:** Concepts relating to research design, Different type of Research design. Experimental and Non-Experimental Research Designs Sampling design: Need for Sampling Methods, Size of Sampling; Measurement and Scaling Techniques,

**UNIT-III. Data Acquisition and Analysis;** collection of data- sources of data- primary and secondary-Processing-editing, Coding, Classification and Tabulation, Analysis- data transformation- SPSS package in data analysis Data Display: Tables, Graphs, Maps, Visualizations

**UNIT-IV . Interpretation and Report writing :** meaning, techniques and significance of report writing- Drafting of the thesis-First, Second and Final- Writing of abstracts, Research papers for seminar and conferences, Journal Publications, case studies.

### **References:**

1. Anderson, J. Durston, B.H. and Poole, M,(1970) Thesis and Assignment Writing, Wiley Eastern Ltd, New Delhi
2. Cooray, P.G (1992) Guide to Scientific and Technical Writing, Handagala, Srilanka
3. Davis J.C. (1986) Statistics and data Analysis, John Wiley and Sons NY.
4. Fitz Gerald, B.P. Ed (1974) Science in Geography, Series 1, 2, 3,4,5,6. Oxford University press, London

### **COURSE-II : LITERATURE REVIEW**

#### **Course Outcomes**

The Students are expected to

- make an extensive survey of literature using different sources of published works from the similar lines and they need to find the research gaps.
- identify the broad area for research and form the proposal by justifying the need and relevance of the topic.
- formulate the research problem based on the review and finding the research gaps
- present a seminar on review of literature of the concerned area of research.