

**COURSE OF STUDIES  
FOR  
MASTER OF PHILOSOPHY  
IN GEOGRAPHY**

**PG DEPARTMENT OF GEOGRAPHY**

**S.C.S. (A) College, Puri**



**Academic Session**

**2018-19**

Website: [www.scscollege.nic.in](http://www.scscollege.nic.in)

**M. PHIL. IN GEOGRAPHY  
COURSE STRUCTURE**

**SEMESTER – I**

<u>Course Code</u>	<u>Subject</u>	<u>Marks</u>
101	Research Methodology	100
102	Literature Review & Teaching Assignment (50+50)	100

**SEMESTER – II**

<u>Course Code</u>	<u>Subject</u>	<u>Marks</u>
201	One of the subject specific paper decided by the department (Philosophical Foundations of Geographical Research)	100
202	Dissertation	100
<b>Total</b>		<hr/> <b>400</b>

**M. Phil Syllabus**  
**SEMESTER – I**  
**PAPER – 101**  
**RESEARCH METHODOLOGY**

**(100 marks)**

**UNIT – I:** Approaches to Geographic Research – Historical, case study, Descriptive and Experimental. Research Design: Literature Review, survey, design, Coordination Schema (format, Approach, Techniques, Steps, Function and Utilisation) a. Problem Area, b. Parameter, c. Variable of Values.

**UNIT – II:** What is Research Design, Need for Research Design, structure of Research Design, classification of Research Design, Formulation of a Research Design, Research Design versus Research Method, Quantitative and qualitative research, Basic research designs - Exploratory research, conclusive research.

**UNIT – III:** The Hypothesis: Definition, Role, Nature, Types, Theory and Hypothesis, Deductive and Inductive hypothesis, difference between Hypothesis and problem, what is a good hypothesis, what is a research hypothesis, scientific hypothesis versus statistical hypothesis, research hypothesis and null hypothesis, formulation of hypothesis, generation of research hypothesis, testing the hypothesis.

**UNIT – IV:** Introduction to computer system and IT in Geography. Introduction to Remote sensing softwares; Erdas, Imagine, Idris and GPS survey.

**UNIT – V:** Application of ArcGIS and QGIS in spatial analysis.

**PAPER – 102**  
**LITERATURE REVIEW & TEACHING ASSIGNMENT**

**(100 marks)**

This paper consists of Teaching assignment (50 marks) & literature review (50 marks)

- a) Under teaching assignment a student has to deliver a minimum of 10 UG classes of 5 marks each under the supervision of HOD and at the end he has to submit the key notes of each class countersigned by the HOD.
- b) Under literature review the student has to review 5 International/ National/ State Books/ Journals having ISBN/ ISSN number which carries 50 marks.

**SEMESTER – II**  
**PAPER - 201**  
**PHILOSOPHICAL FOUNDATIONS OF GEOGRAPHICAL RESEARCH**

**(100 marks)**

- UNIT – I:** Geography – Its History, Philosophy and Methodology, Space for analysis, Philosophical systems of the discipline: Physical science tradition, social science tradition, Humanistic tradition.
- UNIT – II:** Key components of philosophical approach: Ontology, Epistemology, Ideology, Methodology. Modes of Scientific explanation, Inductive and Deductive reasoning.
- UNIT – III:** Philosophy and Methodology in Human Geography; A general introduction to Empiricism Positivism, Phenomenology and Humanistic approach.
- UNIT – IV:** Changing Techniques in Geography. The rationale of recent trends in Human Geography. The Methodological foundations of change, Scientific methods in Geography.
- UNIT – V:** Mechanics of writing Research Report Introduction, Report structure, Style of writing, Reproducing the Report, Oral presentation. Role of computers in Report Reproduction and Data Analysis.

**PAPER - 202**  
**DISSERTATION**

**(100 marks)**

During 2<sup>nd</sup> semester the student has to prepare and submit a dissertation under the supervision of a regular faculty. Before submission he/she has to make a pre submission presentation before all the faculties of the department. The dissertation will be examined with viva voce by the internal/supervisor, HOD & one External examiner.