

PhD Course Work Syllabus in Geography
P.G. Department of Geography
Utkal University, Vani Vihar, Bhubaneswar
Year - 2021



NAAC: A+

Department of Geography
Utkal University
Bhubaneswar

Pre-Doctoral Course Work in Geography
P.G. Department of Geography
Utkal University, Vani Vihar, Bhubaneswar
Year-2015

The course will comprise of four papers

- | | |
|---------------------------------------|----------|
| 1. Paper 1: Research Methodology | 100 Mark |
| 2. Paper-2: I.T. in Geography | 100 Mark |
| 3. Paper-3: Review of Literature | 100 Mark |
| 4. Paper-4: seminar Presentations Two | 100 Mark |

Paper-I Research Methodology

Objective:

To strengthen the understanding of research methods applied in social sciences among the students.

Learning Outcomes:

After the completion of course, the students will have ability to:

1. To create a bold foundation for scientific research methodology.
2. Know the fundamentals of social science research and research process model
3. Understand various aspect of conducting preliminaries of a scientific research
4. Grasp the techniques of data collection and compilation
5. Prepare systematic literature review and plagiarism

Paper – II (100 Marks)

I.T. in Geography

Objective:

To highlight the significance of information technology in geographical studies.

Learning Outcomes:

After the completion of course, the students will have ability to:

1. Have comprehensive understand of GIS for the construction of maps and their use the development planning
2. Use various statistical software for conducting and carrying out geographical research activities.
3. Apply remotely sensed information in geographical domain.

Paper III (100 Marks) Term Paper and Book Reviews

Objective:

To involve the students into the process of reviewing journal articles and documents related to the area of research which will further help them with the preparation of research proposal.

Learning Outcomes:

After the completion of course, the students will have the ability to:

1. Gain competence on idea of the planning phase in the research process model,
2. Prepare research proposal for any research topic with sufficient significance.
3. Document their literature review for better understanding of their selected topic.

Paper IV (100 Marks)
Development of Research Proposal and Presentation

Objective:

To make a researcher present his/her idea into the most scientifically accepted format before involving the research agenda.

Learning Outcomes:

1. Any research idea needs a certain level of acceptance among the various scientific norms and acceptance in front of the scientific community. To fulfill that a researcher has to prepare his/her idea into a scientifically accepted format before pursuing the research.
2. This activity will help the students to be acquainted with the proposal preparation for any research projects which he/she wants to carryout in future.