

PROGRAMME SPECIFIC LEARNING OUTCOME (PSLO)

DEPARTMENT OF GEOGRAPHY

POSTGRADUATE COURSE

The Department of Geography of this college offers master's degrees (both M.Sc. and M.A.) that prepare students for professional positions in government and the private sector, or to pursue a Ph.D. Both the M.A. and M.Sc. degrees require a thesis, and the time-to-completion is typically two years.

To successfully complete the required thesis, our students must demonstrate proficiency in scientific inquiry, critical thinking, and effective communication skills.

Geography master's programme learning objectives.

1. Scientific Inquiry, Tools and Critical Thinking

Students will demonstrate the ability to analyze, interpret, and draw conclusion about geographic problems and information including:

- a. Demonstrating proficiency in using geographical research tools including spatial statistics, cartography, remote sensing, GIS and GPS.
- b. Identifying, interpreting and analyzing geographic problems and processes.
- c. Formulating a research methodology and executing a formal student-led research project.
- d. Applying knowledge of global issues to a unique scientific problem.
- e. Identifying human and environmental issues on global, regional, and local scales and critically assess various perspectives on the issue.
- f. Evaluating the impacts of human activities on natural environments.
- g. Applying knowledge of global issues to local circumstances to evaluate the local effects of the issues.

2. Communication Skills

Students will demonstrate the ability to communicate geographic information utilizing both oral and written outlets throughout their thesis research by defending and communicating facts, ideas and research results via written, oral, graphical and quantitative outlets.

3. Knowledge of Geographic Principles

Students will demonstrate a proficiency in knowledge of essential concepts of physical and human geography including:

1. Describing human-environment, and nature-society interactions as well as global human and environmental issues.
2. Identifying and explaining the planet's human and physical characteristics and processes, from global to local scales.

4. Ethical and Social Responsibility

Students will appreciate the relevance of geographical knowledge to everyday living by:

1. Applying geographical knowledge to everyday living.
2. Demonstrating an appreciation and respect for the diversity of perspectives, world-views, and cultures.
3. Showing an awareness and responsibility for the environment.

COURSE SPECIFIC LEARNING OUTCOME (CSLO)

DEPARTMENT OF GEOGRAPHY

POSTGRADUATE COURSE

SEMESTER I

Module-101: Understanding the facts and ideas of Philosophy of Geography

Module-102: Analysis of factors and impacts of Geomorphological & Geotectonic processes

Module-103: Understanding the facts and ideas of Soil & Biogeography

Module-104: Discussion on Economic Geography

Module-105A: Demonstration and interpretation of field techniques, laboratory analysis and mapping skills relating to Geospatial Analysis

Module-105A: Term Paper

Term Paper

Nature of Assignment:

1. A topic should be selected to research. The topic should be sufficiently narrow that it can be covered in a semester, yet sufficiently broad that there is literature available.
2. The actual nature of this assignment can be flexible. The report format is left to the writer but each report should have at least the following:
 1. Abstract - A one paragraph summary of the report which describes the topic of the paper and what can be concluded based on the available research. The summary should provide a busy reader with the key points of the paper.
 2. The issue should be explained to show the reason why it is an important area to study. Relevant background information and theory required to understand the paper should be presented in the subsections.
 3. References – ‘APA Referencing System’ should be followed.

The objectives of the term paper assignment are to:

1. Provide students with an opportunity to develop in-depth expertise in any aspect of syllabus that is of particular interest.
2. Provide an opportunity for some individual interaction between the student and instructor.
3. Guide students through the process of planning and executing a substantial project.
4. Allow students the opportunity to teach themselves.

Outcome of this assignment

This assignment consists of sequential pattern and it makes the students acquainted with the techniques of preparation of project reports for the first time.

SEMESTER II

Module-206: Analysis of factors and impacts of Climatological processes

Module-207: Discussion on the causes and consequences of global Hydrological & Oceanographical processes

Module-208: Understanding the facts and ideas of Population & Regional Development

Module-209: Discussion on Social & Cultural Geography

Module-210: Demonstration and interpretation of field techniques, laboratory analysis and mapping skills relating to Remote Sensing, Geographical Information System & Global Navigation Satellite System,

SEMESTER III

Module-311: Elective Paper –I (Other Discipline)

Module-312: Elective Paper –II (Other Discipline)

Module 313 G (Optional): Derivation and interpretation of the principles of Environmental Geography –I

Module 313 M (Optional): Derivation and interpretation of the principles of Regional Planning – I

Module-314: Demonstration and interpretation of laboratory analysis and mapping skills relating to Statistical Techniques

Module-315: Demonstration and interpretation of field techniques, laboratory analysis and mapping skills relating to Quantitative & Field Techniques

SEMESTER IV

Module-416: Understanding the facts and ideas of Historical & Political Geography

Module-417: Discussion on Regional Geography

Module 418 G (Optional): Derivation and interpretation of the principles of Environmental Geography –II

Module 418 M (Optional): Derivation and interpretation of the principles of Regional Planning – II

Module 419 G (Optional): Demonstration and interpretation of field techniques, laboratory analysis and mapping skills relating to Environmental Geography –III:

Module 419 M (Optional): Demonstration and interpretation of field techniques, laboratory analysis and mapping skills relating to Regional Planning –III

Module-420A: Special Paper–IV: Dissertation

Module-420B: Field / Project Report

Module: 420 A: Dissertation

- Every student has to submit the Dissertation Report duly signed and approved by the supervisor.
- Dissertation Report is to be restricted within 60 (sixty) pages in A4 size paper with 1.5 spacing inclusive of maps, diagrams and photographs.
- Individual student will explain the topic of dissertation with power point presentation before board of examiners (both internal and external).
- After presentation, student will participate in interactive session and answer the questions which will come from the examiners.
- Time for Presentation 10 minutes
- Time for Interaction 5 minutes

Module: 420 B: Field / Project Report

- Every student has to submit the Field or Project Report duly signed and approved by the supervisor.
- The Report will be evaluated on the basis of group discussion and grand viva.
- Group will be selected by the Board of Examiners on the basis of lottery
- Time for group discussion and grand viva will be 20 minutes

Outcome of these two assignments:

These two exercises have unique impacts on the students.

These two exercises act

- To develop the necessary skills in the students to face the future challenges of the academic as well as corporate world.
- To cultivate research aptitude among the students.
- To enable students to handle or manage group work and division of labour properly.