

Course Outcome

Semester- 1

GEOMORPHOLOGY

Paper code: 16GEO21C1

Learning Objectives: The objectives of this course are to introduce the concepts in Geomorphology in adequate manner, many facets of surface relief features and to understand various aspects of their growth and evolution on the Earth.

Learning Outcomes: The course will provide an understanding of the conceptual and dynamic aspects of landform development. Students will also learn the relevance of applied aspects of Geomorphology in various fields.

CLIMATOLOGY

Paper code: 16GEO21C2

Learning Objectives: The atmosphere and climate are a critical part of the earth system, and climatic variability and change are central to the issue of current and future global environmental change. The broad objective of the course is to introduce to the students the fundamentals of atmospheric phenomena, global climate systems and climate change.

Learning Outcomes: On successful completion of this course, students should be able to understand the mean global atmospheric circulations and disturbances, world climate systems, climatic variability and change.

RESOURCE GEOGRAPHY

Paper code: 16GEO21C3

Learning Objectives: It is an introductory course of resource geography which is aimed at providing knowledge about the concepts of resources, classification, models of natural resource processes, their use and misuse, conservation and management of resources for sustainable development.

Learning Outcomes: Students will become sensitized to concept and classification of resources, use or misuse and will learn conservation methods and techniques.

STATISTICAL METHODS IN GEOGRAPHY

Paper Code: 16GEO21C4

Learning Objectives: Statistical methods are applied in geography in order to make precise and unambiguous statements. These are used to describe and explain various geographical patterns and relationships.

Learning Outcomes: Keeping in view the nature of data and purpose of study, students would be able to make a rational choice amongst listed various statistical methods.

PRACTICAL: TOPOGRAPHICAL MAPS AND INTERPRETATION

Paper Code: 16GEO21CL1

Learning Objectives: To develop the skill of map interpretation through identification of physical and cultural features using conventional signs.

Learning Outcomes: Students should be able to understand the importance and uses of maps and the relationship and juxtaposition of features therein.

**PRACTICAL: COMPUTER AIDED STATISTICAL DIAGRAMS AND GRAPHS
16GEO21CL2**

Learning Objectives: It is a major technical course for the students to improve their abilities of using different kind of data and related statistical diagrams and graphs. The course aims to guide students to grasp the use of computer in Geography.

Learning Outcomes: Introduction to Computer: Components of Computer—Hardware and Software; Use of Computers in Geography.

Semester-2

GEOGRAPHY OF WORLD ECONOMY

Paper Code: 16GEO22C1

Learning Objectives: This course offers an introduction to the ways in which economic activities are organized over the earth's surface. We all are witnessed to rapidly increasing integration of state economies. The economic processes operating at different geographical scales are depending on the complex economic-political-social interactions that are framed at the global level. The course explores the processes of globalization and seeks to provide understanding of today's increasingly interdependent world.

Learning Outcomes: Students would be able to understand how in an increasingly globalized world, economic activities occur unevenly over geographical space; how local places and global economy are intertwined, and how the regime of neoliberal policies are generating uneven geography of capitalist development.

REGIONAL DEVELOPMENT AND PLANNING

Paper Code: 16GEO22C2

Learning Objectives: Regional Development and planning are the core areas of geographical inquiry. Decentralised planning has a profound role in managing the evolved situation.

Learning Outcomes: The student will get familiarised with the theoretical foundations and conceptual grounding of this branch; understand and evaluate the concept of region in geography and its role and relevance in regional planning; and to comprehend the regional development and planning process in India.

ENVIRONMENTAL GEOGRAPHY

Paper Code: 16GEO22C3

Learning Objectives: The basic objectives of the course are to apprise the students about our environment, to understand its interrelationship with man and his linkages with other organisms, which varies in different biomes. Also, to sensitise the students with the Environmental problems and degradations.

Learning Outcomes: The Students will learn the importance of conserving biodiversity to maintain ecological balance as well as national and international concerns on various environmental issues.

GEOGRAPHY OF RURAL SETTLEMENTS

Paper Code: 16GEO22D4

Learning Objectives: The objective of the paper is to give to the students the basic ideas about the rural settlements, historical development during ancient, medieval and modern times, morphology of rural settlements, functions and rural settlement planning in India.

Learning Outcomes: The present paper shall enhance the knowledge of students about the historical development, patterns, types and functional systems of rural settlements.

PRACTICAL: DIGITAL CARTOGRAPHY

Paper Code: 16GEO22CL1

Learning Objectives: Modern science and technology have made tremendous progress in all possible fields. Geospatial technology has been emerged a new spatial information technology. Digital Cartography is a newly emerged field in Geospatial Technology. The main objective of the course is to impart adequate professional knowledge and computer skills so as to enable the students to take up career in the field of Geospatial Technology.

Learning Outcome: After the completion of the semester students will be able to understand and prepare maps.

PRACTICAL: MORPHOMETRIC ANALYSIS

Paper Code: 16GEO22CL2

Leaning Objectives: The course will provide opportunity to the students learn morphometric techniques in general and in the case of a drainage basin in particular.

Learning Outcomes: Students would be able to understand the usefulness of morphometric techniques in the case of a drainage basin.

GEOGRAPHY OF INDIA: SYSTEMATIC AND REGIONAL

Paper Code: Open Elective 16GEOO2

Learning Objectives: History, geography and culture have comprised to make India into a major force in South Asia. The course provides an insight into different aspects of India's regional vitality towards unity, stability and progress.

Learning Outcomes: The student will get familiarised with the geographic dimensions of India in terms of its political and administrative characteristics; aspects of its regional vitality; and formation of regions