

GEOGRAPHY
MULTIDISCIPLINARY COURSES (MDC)
SEMESTER I
COURSE: 1 (CODE: GEOG 1031)

COURSE TITLE: PHYSICAL GEOGRAPHY (Theory)

Credits: 3
Lecture hours: 45

Total Marks: 50 Course Evaluation: Semester Examination (40 marks) and Internal Assessment (10Marks)

Objectives of the Course: Students can acquire knowledge and develop an understanding of concepts, processes and methods of Physical Geography. Students may develop an interest in Geography through this course. Students can familiarize themselves with key concepts, terminology and core principles of Geography.

Learning Outcomes:

Students can apply the knowledge of the principles of Physical Geography in explaining the causes and consequences of natural hazards and suggest ways of coping with them through sustainable development. They will understand and analyze physical environments and utilize such knowledge in reflecting on issues on nature.

Professional Skill Development:

The acquired knowledge is beneficial to providing for future studies in geography. This obtained knowledge will definitely providing basic inputs in skill development which will place the students in their professional life in the near future.

	<u>Lecture hours</u>
1. Internal Structure of Earth	5
2. Geomorphic Processes: Weathering and Erosion	6
3. Processes and Landforms: Fluvial, Glacial and Aeolian	8
4. Composition and Structure of Atmosphere	6
5. Insolation, Heat Budget, Horizontal and Vertical Distribution of Temperature	6
6. Hydrological Cycle	4
7. Soil forming factors; Types of soil: Zonal, Azonal and Intrazonal	6
8. Classification of Natural Vegetation	4

Suggested Readings :

1. Barry, R. G, Chorley R. J. 2009 Atmosphere Weather and Climate. 9th Ed, Routledge.
2. Conserva H. T., 2004: Illustrated Dictionary of Physical Geography, Author House, USA.
3. Daji, J. A., Kadam, J.R., Patil, N.D. 1996 A Textbook of Soil Science, Media Promoters and Publishers Pvt Ltd.
4. Gabler R.E., Petersen J.F. and Trapasso, L.M., 2007: Essentials of Physical Geography (8thEdition), Thompson, Brooks/Cole, USA.
5. Garrett. N., 2000: Advanced Geography, Oxford University Press.
6. Goudie, A., 1984: The Nature of the Environment: An Advanced Physical Geography, Basil Blackwell Publishers, Oxford.
7. Hamblin, W.K. 1995: Earth's Dynamic System, Prentice Hall, N.J.
8. HusainM.2002: Fundamentals of Physical Geography, Rawat Publications, and Jaipur.
9. Lal, D. S. 2012. Climatology. Sharda Pustak Bhawan.
10. Monkhouse, F.J.2009: Principles of Physical Geography, Platinum Publishers, Kolkata.
11. Strahler A.N. and Strahler A.H., 2008: Modern Physical Geography, John Wiley & Sons, New York.

GEOGRAPHY
MULTIDISCIPLINARY COURSES (MDC)
SEMESTER II
COURSE: 2 (CODE: GEOG 2031)

COURSE TITLE: HUMAN GEOGRAPHY (Theory)

Credits: 3

Lecture hours: 45

Total Marks: 50 Course Evaluation: Semester Examination (40 marks) and Internal Assessment (10 Marks)

Objectives of the Course: Students can acquire knowledge and develop an understanding of concepts, processes and methods of Human Geography. Students may develop an interest in Human Geography through this course. Students can familiarize themselves with key concepts, terminology and core principles of Human Geography. They can easily recognize and understand the processes and patterns of the spatial arrangement of the natural features as well as human aspects and phenomena on the earth's surface.

Learning Outcomes: Students achieve knowledge about major themes of human geography. They can develop an idea about space and society and build an idea about population growth and distribution of population. This module helps to recognize about population –resource relationship. They will understand and analyze the inter-relationship between physical and human environments and utilize such knowledge in reflecting on issues related to society.

Professional Skill Development: The acquired knowledge is beneficial to providing for future studies in Geography. This obtained knowledge will definitely providing basic inputs in skill development which will place the students in their professional life in the near future.

Lecture hours

1. Population: Distribution, Density and Growth	6
2. Types of population migration	5
3. Economic Activities: Primary, Secondary and Tertiary	6
4. Types and Patterns of Rural Settlements	6
5. Definition and Types of Urban Settlements	6
6. Major Ethnic groups of the World	6
7. Cultural Diffusion	5
8. Indicators of Human Development	5

Suggested Readings:

1. Anderson, K. (2006): *Race and Crises of Human Development*, Routledge, London and New Delhi.
2. Chandna, R.C. (2010) Population Geography, Kalyani Publisher.
3. Clarke, J.I. (1972): Population Geography, Pergamon Press, Oxford.
4. Daniel, P.A. and Hopkinson, M.F. (1989) The Geography of Settlement, Oliver & Boyd, London.
5. Johnston R; Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography, Blackwell Publication.
6. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W.H. Freeman and Company, New York.
7. Ghosh, S. (2015) Introduction to settlement geography. Orient Black Swan Private Ltd., Kolkata.
8. Ghosh, S. (1998) Settlement Geography. Kolkata: Orient Longman Ltd.
9. Hussain, Majid (2012) Manav Bhugol. Rawat Publications, Jaipur
10. Rubenstein, J.M. (2002), *The Cultural Landscape*, 7th edition, Prentice Hall, Englewood Cliffs.

GEOGRAPHY (MDC)
SEMESTER III
COURSE 1 (CODE: GEOG 3031)

COURSE TITLE: ENVIRONMENTAL GEOGRAPHY

Credit: 3

**Total Marks: 50 Course Evaluation: Semester Examination (40 marks) and
Internal Assessment (10 Marks)**

Course Objective: • The objectives of environmental geography are to impart basic knowledge about the environment and its allied problems and to create awareness about environmental problems among people.

Learning Outcome: • Students shall develop an attitude of concern for the environment.

Professional Skill Development: • This knowledge will help to develop awareness about local environmental quality.

ENVIRONMENTAL GEOGRAPHY

3 Credit

1. Concepts and approaches of Environmental Geography
2. Structure and Functions of Ecosystem
3. Soil Pollution and Management
4. Solid Waste Pollution and Management
5. Marine Pollution and Management

Reference Books:

1. Casper J.K. (2010) Changing Ecosystems: Effects of Global Warming. Infobase Pub. New York.

2. Hudson, T. (2011) Living with Earth: An Introduction to Environmental Geology, PHI
3. Learning Private Limited, New Delhi.
4. Miller, G.T. (2007) Living in the Environment: Principles, Connections, and Solutions,
5. Brooks/ Cole Cengage Learning, Belmont.
6. Singh, R.B. (1993) Environmental Geography, Heritage Publishers, New Delhi.
7. UNEP (2007) Global Environment Outlook: GEO4: Environment for Development,
United
8. Nations Environment Programme. University Press, Cambridge.
9. Wright R. T. and Boorse, D. F. (2010) Toward a Sustainable Future, PHI Learning Pvt
Ltd, New Delhi.
10. Singh, R.B. and Hietala, R. (Eds.) (2014) Livelihood security in Northwestern
Himalaya:
11. Case studies from changing socio-economic environments in Himachal Pradesh,