

# DEPARTMENT OF GEOGRAPHY

## COURSE OUTCOME

Sl. No.	Core	COURSE OUTCOME
1	CC - I	The course will provide an understanding of the conceptual and dynamic aspects of landform development. Students will also learn the processes of Physical and Chemical weathering, Erosion, Mass wasting and able to differentiate between the landforms and deposits created by wind, Water, Glacier, Sea waves etc.
2	CC - II	<ol style="list-style-type: none"> <li>1. As map making is the sole purpose of geographers, by going through this paper students can acquire good knowledge about different procedure of map making and various projection system of map making by developing broad knowledge about latitude, longitude, meridians, parallels etc.</li> <li>2. Another part helps students in developing their quantitative application in geographical study which gives more accuracy in any geographical enquiry which can further helps students in conducting research activities.</li> </ol>
3	CC - III	<ol style="list-style-type: none"> <li>1. Students will acquire an understanding regarding the relationship between prevailing geographic environment and cultural practices of human being.</li> <li>2. This paper tries to build an idea among students regarding the role that geography play in community engagement.</li> <li>3. Students will develop the ethical aptitudes and disposition necessary to acquire and hold leadership position in industry, government and professional organizations.</li> </ol>
4	CC - IV	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.
5	CC - V	<ol style="list-style-type: none"> <li>1. Students will become able to acquaint themselves with nature and scope of oceanography and distribution pattern of land, sea and oceans.</li> <li>2. They will have knowledge of bottom relief of oceans, their waves and current in relation to origin, type, characteristics and impact of ocean waves and current on environment.</li> <li>3. Students will also have knowledge about ocean resources, their types and distribution and their influences upon mankind.</li> </ol>
6	CC - VI	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.
7	CC - VII	<ol style="list-style-type: none"> <li>1. The paper will provide an in-depth and broad understanding of Odisha in terms of its location, physical, population, agriculture, industry and transport sector. This will enrich the perspectives of the students towards Odisha geography.</li> <li>2. They understand the Problems and Prospects in relation to</li> </ol>

		<p>Economic, Industry and Agriculture of Odisha and will know about the production and distribution of Rice, Pulses and Oil seeds.</p> <ol style="list-style-type: none"> <li>They will know the distribution and growth of population, growth of urban population, Urban Centres and also understand the regional distribution of resources.</li> <li>The paper will broaden the students' observation about their home land.</li> </ol>
8	CC - VIII	<ol style="list-style-type: none"> <li>Perceive the evolution of the philosophy of Geography.</li> <li>Appreciate the contribution of the thinkers in Geography.</li> <li>They will also learn the contributions of different schools of geographical thought.</li> <li>Discussing the evolution of geographical thought from ancient to modern times.</li> <li>Establishing relationship of Geography with other disciplines and man-environment relationships.</li> <li>Analyzing modern and contemporary principles of Empiricism, Positivism, Structuralism, Human and Behavioural Approaches in Geography</li> </ol>
9	CC - IX	<ol style="list-style-type: none"> <li>Focus on building theories about spatial arrangement and distribution of economic activities.</li> <li>Explain the importance of economic geography in analyzing the ways societies and economic works.</li> <li>Discuss and critically evaluate these concepts and theoretical approaches.</li> <li>Explain and apply key concepts and theoretical approaches in economic geography.</li> </ol>
10	CC - X	<p>The Students will learn the importance of conserving biodiversity to maintain ecological balance as well as national and international concerns on various environmental issues.</p>
11	CC - XI	<p>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.</p>
12	CC - XII	<ol style="list-style-type: none"> <li>Have knowledge of the principles of remote sensing, sensor resolutions and image referencing schemes.</li> <li>Interpret satellite imagery and understand the preparation of false colour composites from them.</li> <li>Training in the use Geographic Information System (GIS) software for contemporary mapping skills.</li> <li>Analyzing and interpreting remotely sensed satellite images and aerial photographs in order to understand topographical and cultural variations on the Earth's surface.</li> <li>Conducting field excursions and preparation of field report on research on problem in different areas of India.</li> <li>Apply GIS to the preparation of thematic maps.</li> <li>Use GNSS.</li> </ol>
13	CC - XIII	<ol style="list-style-type: none"> <li>The paper will provide an in-depth and broad understanding of India in terms of its location, physical, population, agriculture,</li> </ol>

		<p>culture, industry and transport sector. This will enrich the perspectives of the students towards Indian geography.</p> <ol style="list-style-type: none"> <li>2. They understand the problems and different policies of India.</li> <li>3. They understand globalization and Indian economy and also understand the regional distribution of resources.</li> <li>4. The paper will broaden the students' observation about the Indian subcontinent.</li> </ol>
14	CC - XIV	<ol style="list-style-type: none"> <li>1. Understand the definition, classification of hazards and disasters</li> <li>2. Gain knowledge about approaches to hazard study.</li> <li>3. Assess risk, perception and vulnerability with respect to hazards.</li> <li>4. Prepare hazard zonation maps.</li> <li>5. Assessing the nature, impact and management of major natural and man-made hazards affecting the Indian subcontinent.</li> <li>6. Develop an idea about factors, consequences and management of earthquake, Cyclone, landslide, flood and riverbank erosion.</li> <li>7. Acquire knowledge about human induced disaster.</li> </ol>
15	DSE - I	<ol style="list-style-type: none"> <li>1. The outcome of this paper lies in the field that students can develop their understanding regarding population and its various characteristics including population growth, density, fertility, mortality, death rate, birth rate etc.</li> <li>2. Through this he/she can understand the negative or positive effect of population growth in the society and can create awareness among the people of society regarding this.</li> </ol>
16	DSE - II	<p>Students will become sensitized to concept and classification of resources, use or misuse and will learn conservation methods and techniques</p>
17	DSE – III	<ol style="list-style-type: none"> <li>1. Understand the nature, scope, approaches and recent trends in urban Geography.</li> <li>2. Temporal analysis of urban growth using census data</li> <li>3. Trace the origin of urban places over time and analyze the factors, stages and characteristics of these places</li> <li>4. Analyze the theories of urban evolution and growth, Hierarchy of urban settlements</li> <li>5. Understand the various aspects of urban place : location, site and situation, the concept of urban hierarchies, the patterns of urbanization in developed and developing countries, the ecological processes of urban growth; urban fringe; city-region</li> <li>6. Analyze the models on city structure, Identify and analyze the problems of housing, slums and civic amenities</li> <li>7. To know the patterns and trends of urbanization in India</li> <li>8. To Study the City planning and Urban Issues with special reference to Delhi, Kolkata, Chandigarh and Bhubaneswar.</li> </ol>
18	DSE-IV	<ol style="list-style-type: none"> <li>1. Have expertise in identification of area of study, methodology, qualitative and quantitative analysis, and conclusions to be drawn about the area – fundamental to geographical research.</li> <li>2. Handle logistics and other emergencies on field.</li> </ol>
19	GE-I	<ol style="list-style-type: none"> <li>1. The paper will provide an in-depth and broad understanding of India in terms of its location, physical, population, agriculture, industry and transport sector. This will enrich the perspectives</li> </ol>

		<p>of the students towards Indian geography.</p> <ol style="list-style-type: none"> <li>2. They understand the population problems in India. Access the population policies and reaction the countries.</li> <li>3. They understand globalization and Indian economy. And also understand the regional distribution of resource.</li> <li>4. The paper will broaden the students' observation about the Indian subcontinent.</li> </ol>
20	GE - II	<ol style="list-style-type: none"> <li>1. The paper will provide an in-depth and broad understanding of Odisha in terms of its location, physical, population, agriculture, industry and transport sector. This will enrich the perspectives of the students towards Odisha geography.</li> <li>2. They understand the Problems and Prospects in relation to Economic, Industry and Agriculture of Odisha and will know about the production and distribution of Rice, Pulses and Oil seeds.</li> <li>3. They will know the distribution and growth of population, growth of urban population, Urban Centres and also understand the regional distribution of resources.</li> <li>4. The paper will broaden the students' observation about their home land.</li> </ol>