



# KHEJURI COLLEGE

Baratala :: Purba Medinipur

## DEPARTMENT OF GEOGRAPHY

### COURSE OUTCOMES FOR B.SC. IN GEOGRAPHY

**NAME OF THE PROGRAMME: B.SC. IN GEOGRAPHY**

**LIST OF COURSE OUTCOMES:**

COURSE	NAME OF THE COURSE	COURSE OUTCOME
<b>SEMESTER-I</b>		
C1T	Geotectonic and geomorphology	<ol style="list-style-type: none"> <li>1. Describe the composition and Internal structure of the earth .</li> <li>2. Explain the genesis and types of various crustal features created by endogenetic force</li> <li>3. Relate the fundamental laws of geomorphology with the evolution of landforms by exogenetic agencies.</li> <li>4. Interpret the evolution of landform and its explanation through different models.</li> </ol>
CC2 (T & P)	Cartographic Techniques	<ol style="list-style-type: none"> <li>1. Understand the basic concept and construction of different types of scale.</li> <li>2. Explain the fundamental concepts of various types of map projection and their construction for several applications.</li> <li>3. Interpret the physical and cultural aspects decoded from topographical maps.</li> <li>4. Make use of different surveying instruments.</li> </ol>
<b>SEMESTER-II</b>		
C3T	Human Geography	<ol style="list-style-type: none"> <li>1. Summarize the concepts of social structure, social processes, social pattern, and social space.</li> <li>2. Relate the elements of culture, cultural groups, and cultural processes contributing in the development of cultural landscapes.</li> <li>3. Describe the history and evolution of human societies in different regions.</li> <li>4. Explain the man- environment relationship.</li> <li>5. Understand the various types and pattern of rural and urban settlements.</li> </ol>
CC 4 (T&P)	Cartograms and Thematic Mapping	<ol style="list-style-type: none"> <li>1. Apply the knowledge of surveying and leveling instrumentation for cadastral mapping.</li> <li>2. Explain the techniques and use of various types of thematic mapping.</li> <li>3. Apply the knowledge of various cartographic techniques to illustrate geographical data through maps and diagrams.</li> </ol>
<b>SEMESTER-III</b>		
C5T	Climatology	<ol style="list-style-type: none"> <li>1. Describe the composition and structure of the Earth's atmosphere, and interaction of surface and atmosphere with sunrays in terms of heat budget.</li> <li>2. Identify the fundamental physical laws that govern various planetary wind circulations and its relation with the monsoon variability.</li> </ol>



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		<ol style="list-style-type: none"><li>3. Explain the salient features of atmospheric phenomena like atmospheric circulation, precipitation, air mass, atmospheric instability and disturbances</li><li>4. Classify the various climatic zones of the world after different scholars.</li></ol>
CC 6 (T&P)	Statistical Methods in Geography	<ol style="list-style-type: none"><li>1. Understand the fundamental concepts of statistics and data types.</li><li>2. Explain the various sampling methods and data distributions including appropriate probability values.</li><li>3. Figure out the associations between different variable to interpret their relationship.</li><li>4. Apply the skill of data collection and statistical techniques to solve socioeconomic as well as environmental problems.</li></ol>
C7T	Geography of India	<ol style="list-style-type: none"><li>1. Describe the distribution of various physical aspects to portray diversity of India.</li><li>2. Analyze the demographic and cultural aspects of India in relation with the regional geographical settings</li><li>3. Understand the pattern of resource distribution and economic activities across India.</li><li>4. State the physical, social, cultural and economic diversity of West Bengal and know about some geographical problem of the state.</li></ol>
SEC-1	Coastal management	<ol style="list-style-type: none"><li>1. Gain knowledge about coastal zone and costal morpho-dynamic variables.</li><li>2. Understand the environmental impacts of mining, oil-exploration, salt manufacturing, land reclamation and tourism on coastal environment and their management.</li><li>3. Know about various types of coastal hazards and their management.</li><li>4. Understand the principle of coastal zone management.</li><li>5. Acquire knowledge about Exclusive economic zone and coastal regulation zone of India.</li></ol>
<b>SEMESTER-IV</b>		
C8T	Regional Planning and Development	<ol style="list-style-type: none"><li>1. Identify different types of the region and their formation processes</li><li>2. Summarise the various aspects of development and regional disparity with special emphasis on India.</li><li>3. Compare different theories and concepts of regional development.</li><li>4. Apply the knowledge of Indicators of development.</li></ol>
C9T	Economic Geography	<ol style="list-style-type: none"><li>1. Comprehend the fundamental concepts and approaches of economic geography.</li><li>2. Classify the types of various economic activities and the factors controlling it.</li><li>3. Analyze the spatial models of agriculture and industry.</li><li>4. Explore the functions of international treaty and bodies controlling world trade.</li></ol>
CC 10 (T&P)	Environmental Geography	<ol style="list-style-type: none"><li>1. Understand the various approaches of environmental studies.</li><li>2. Compare the structures and functions of different ecosystems and environmental problems of different biomes.</li><li>3. Identify the various sources of environmental pollution and degradation.</li><li>4. Understand various environmental programmes and policies adopted to protect environment across the globe.</li></ol>



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SEC-2	Research methods	<ol style="list-style-type: none"> <li>1. Learn the significance of research in geographical studies.</li> <li>2. Developed and idea about research problems and hypothesis.</li> <li>3. Know the process of research question framing.</li> <li>4. Learn to preparation of questionnaire and inventory.</li> <li>5. Have expertise in data collection, analysis and representation for geographical research.</li> <li>6. Learn about the structure of research report.</li> </ol>
<b>SEMESTER-V</b>		
C11(T & P)	Field work and research methodology	<ol style="list-style-type: none"> <li>1. Learn the significance of research in geographical studies.</li> <li>2. Understanding the meaning and significance of field work.</li> <li>3. Know about the different types of field technique and their application.</li> <li>4. Developed idea about research problems and hypothesis.</li> </ol>
C12(T & P)	Remote sensing and GIS	<ol style="list-style-type: none"> <li>1. Have knowledge of principle of remote sensing and sensor, resolution and image referencing schemes.</li> <li>2. Interpret various types of satellite imagery and preparation of FCC from them.</li> <li>3. Analysing and interpreting satellite images to understand topographical and cultural variation on the earth surface by using various software.</li> <li>4. Understanding the application of GIS and use of GNSS.</li> <li>5. Conducting field survey and preparation of field report.</li> </ol>
DSE-1	Hydrology and oceanography	<ol style="list-style-type: none"> <li>1. Understand the concept of Hydrology and Oceanography.</li> <li>2. Explain the role of global hydrological cycle.</li> <li>3. Realize the importance of water harvesting and watershed management.</li> <li>4. Studying the major relief features of ocean floor.</li> <li>5. Identify marine resources and characteristic of ocean water.</li> <li>6. Studying the formation of coral reefs.</li> </ol>
DSE-2	Resource geography	<ol style="list-style-type: none"> <li>1. Understand the concepts and classification of resources.</li> <li>2. Understand the approaches to resource utilization and conservation.</li> <li>3. Analyse the problems of resource depletion in global scenario.</li> <li>4. Learn the concept of sustainable resource development.</li> <li>5. Explain the distribution, utilization, problems and management of metallic and non- metallic mineral resources.</li> <li>6. Analyse the contemporary energy crises and asses the future scenario.</li> <li>7. Learn about politics of power resources and resource sharing.</li> </ol>
<b>SEMESTER-VI</b>		
C13T	Evolution of geographical thought	<ol style="list-style-type: none"> <li>1. Gain knowledge about geographical thought.</li> <li>2. Developed an idea about evolution of geographical thinking and disciplinary trend in Germany, France, Britain and United state of America.</li> <li>3. Know about Dualism and Dichotomies in geographical thought.</li> <li>4. Developed an idea about evolution of geography in India.</li> <li>5. Know the impact of quantitative revolution.</li> <li>6. Analysing the principle of behaviourism, radicalism , feminism and system approach in geography.</li> </ol>
C14 (T & P)	Disaster management	<ol style="list-style-type: none"> <li>1. Understand the nature and types of hazard and disaster.</li> <li>2. Gain knowledge approaches to hazard study.</li> <li>3. Learn about hazard mapping its types and techniques.</li> <li>4. Developed an idea about factors, vulnerability, consequences and management of earthquake, Landslide, Cyclone and fire.</li> </ol>



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		5. Acquired knowledge about hazards preparedness, trauma, resilience and capacity building.
DSE-3	Population Geography	<ol style="list-style-type: none"><li>1. Acquired knowledge about different aspects of population geography.</li><li>2. Know about population distribution, density and growth profile of India.</li><li>3. Learn about the population composition and measurement methods of fertility and mortality.</li><li>4. Developed an idea about the concept and types of migration.</li><li>5. Discuss about population policies of developed and less developed countries with special reference to India.</li></ol>
DSE-4	Urban geography	<ol style="list-style-type: none"><li>1. Understand the nature, scope, approaches and recent trend in urban geography.</li><li>2. Trace the origin of urban places over time and analyse the factors, stages and characteristics of these places.</li><li>3. Analyse the theories of urban evolution and growth, hierarchy of urban settlements.</li><li>4. Understand the various aspects of urban place and implication of Rank size rule and primate city.</li><li>5. To gain knowledge about the pattern of urbanisation in developed and developing countries.</li><li>6. Know the concepts of city region and urban fringe.</li><li>7. Explain the pattern and trends of urbanisation in India.</li><li>8. Study the changing land use pattern of Delhi, Kolkata and Chandigarh.</li></ol>