

**BANWARILAL BHALOTIA COLLEGE, ASANSOL
DEPARTMENT OF GEOGRAPHY**

Name of the subject	Paper code	Course outcome
SEMESTER-I		
Geotectonics and Geomorphology	Core Course-I	Students will acquire an understanding of the various tectonic processes that made our earth and an understanding about earth's land forms that created by physical processes and also the physical changes of the earth.
Fundamentals of Practical Geography	Core Course-II	Students will learn to identify different rocks and Minerals and to analyze Geological Maps which help them to find out the relation between geology and landforms.
SEMESTER-II		
Geomorphology and Oceanography	Core Course-III	Students will understand the work of external forces and their associated landforms. Oceanography is the study of all aspects of the ocean. Oceanography covers a wide range of topics, from marine life and ecosystems to currents and waves, the movement of sediments, and coral reefs.
Map Projection and Surveying	Core Course - IV	Students will be able to draw the surface of a celestial sphere on a flat surface through map projection. They will also understand different techniques of surveying and acquire knowledge about preparing layout.
SEMESTER-III		
Climatology	Core Course-V	Students will have a general understanding of atmospheric temperature, wind system, atmospheric disturbances, atmospheric stability and instability, condensation. And study the climatic classification of Koppen and Trewartha.
Soil and Bio-Geography	Core Course-VI	Students will have a deep understanding of soil's physical and chemical properties, profile development, soil fertility and productivity, soil erosion and management. They will also have knowledge of components of ecosystem, types of biomes and wild-life conservation.
Weather data Recording and Soil testing	Core Course-VII	Students will gain experience in applying weather instruments to record weather data and soil testing will enable students to understand the physical and chemical properties of soil.
Remote Sensing Techniques	SEC-1	Students will develop the concepts of remote sensing along with aerial photography. Students will learn to prepare a campus map by using GPS. They will make use of GIS software.
SEMESTER-IV		
Geographical Thought	Core Course-VIII	Students will understand the pre-history of geographical ideas in different duration from Greeks, Roman's, Arab and Indians and impact of explorations and discoveries. Also understand the modern geographical thoughts and contribution of eminent geographers will learn about the begining of modern geography, fundamental concepts and models in geography.

Economic and Social Geography	Core Course-IX	Students will get knowledge about human economic activities, industry, agriculture, trade and transport. They also understand the social and cultural geography.
Thematic Maps and Diagrams	Core Course X	Students will learn to draw different types of thematic maps and diagrams and also learn to analyze these.
Geographical Information System	SEC-2	Students will understand the introductory part of GIS software, its tool, functions, data import and basics of digitization and will learn to use this software for extracting physical and cultural features for change detection.
SEMESTER-V		
Settlement Geography	Core Course-XI	Students will understand the nature and scope of settlement geography, characteristics of rural and urban settlements and also the spatial characteristics of settlement.
Statistical Techniques	Core Course-XII	Students will understand the representation of statistical data and get to know the importance of statistics in geography. They will also learn to compute and analyze different statistical techniques.
Population Geography	DSE-I	Students will acquire an understanding of the nature and scope of population geography and about the fundamental concepts related to fertility, mortality, population composition, literacy, migration ,etc.
Urban Geography	DSE-II	Students will understand the scope and content of urban geography, concept of urbanization, urban structure model, urban planning and trends in urbanization.
SEMESTER-VI		
Regional Geography of India and West Bengal	Core Course-XIII	Students will have deep understanding of the physiography, drainage, climate and salient features of Indian economy and population. They will also understand the same for West Bengal.
Toposheet and Weather Map Interpretation	Core Course-XIV	The course gives an introduction to topographical maps and weather maps. Students will understand the mechanism function of topographical maps and interpretation of weather maps.
Hydrology	DSE-III	Students will know about the scope and content of hydrology, components of hydrosphere, global hydrological cycle, run-off, aspects of infiltration, ground water and karst processes.
Environmental Geography	DSE-IV	Students will acquire knowledge about environment. They will get knowledge about environmental hazards and management. They become aware about conservation of resources and environmental monitoring.

Program Objectives	Program Specific Objectives
<p>Geography mainly concerns changes in spatial attributes in a temporal perspective. The Honours programme in geography is tailored to meet the students' specific educational and professional goals in mind. It focuses on spatial studies, qualitative as well as quantitative, and emphasises on human-environment relationship. During the first part of the programme, the students are trained on advanced concepts of physical and human geography. The later part of the programme allows them to concentrate on specific areas of subject. After completing the course, the students will be amply prepared for professional careers in geography and allied disciplines like GIS and Remote Sensing. They will also be able to pursue M.A./M.Sc. course in Geography.</p>	PSO1: Students will serve as a Geographer.
	PSO2: Students will work as a teacher in schools and high schools.
	PSO3: Students will work in diaster and water resources management.
	PSO4: Students will serve in forest department as forest consevator.
	PSO5: Students will serve in cartographer in map making divisions of government.
	PSO6: Students will work in work in NGOs.