

Department of Geography
Course outcome under CBCS syllabus
2019-2020

B.Sc. (Honours Course) in Geography

Semester/s	Course type	Course title	Outcome
SEM-I	Core-1	CT1: Geotectonics and Geomorphology	<p>This is the physical part of Geography. This paper includes Earth's tectonics and structural evolution of Earth with reference to geographical time scale. The learner's also thought about the Earth interior with special reference to seismology, Isostasy models after Airy and Pratt. Plate tectonics process, hotspots, resulting landforms, folds and faults are the main focal study sites of this paper.</p> <p>Another one part is also includes in this paper such as Geomorphology. The main articles in this paper are degradation process, weathering, mass wasting and their resulting landforms are the major part of this paper. The process of entrainment, transportation and deposition by different geomorphic agents and role of the human in landform development are also the important part of this paper. The students also gets some knowledge about structural network of river system, fluvio-glacial process, Aeolian process, karst process etc. and their related models through this paper.</p>
	Core-2	CT2: Cartographic Techniques	<p>This paper contains Basic measurement of map and diagramme including classification of maps and its components mainly plain, diagonal and Vernier scale types. This paper also contains concept of geoid and spheroid along with co-</p>

			<p>ordinate system. Map projection of other important components of this paper including UTM projection and other such types of them. The students also learn about physical survey procedure using theodolite, dumpy level, abney meter and clinometer. This technique helps the students to develop the profile and geometrical order of the any site. In this connection the students used Survey of India maps (SOI) for reference work.</p>
		CT2: Cartographic Techniques-Lab	<p>This practical paper helps the students to understand the Map projection practically. This paper includes Polar Zenithal projection, Simple Conical projection with one and two standard methods. The learners also know about relief map, drainage map, stream ordering and slope map through this paper.</p>
SEM-II	Core-3	CT3: Human Geography	<p>In this paper the learners get some knowledge about nature and trend of the human geography, approaches to the study of human geography, locational, landscape and environment. Ethnicity study is the important section in this paper. The important parts of this study are human adaptation to environment. The settlement pattern and social structure are also includes in this paper.</p>
	Core-4	CT4: cartograms and Thematic Mapping	<p>Cartograms are the technical part of the study in Geography. This paper helps the learners to understand the data representation process through the cartographic techniques like Bar, Line, Proportional circle, Isoleth etc. Different types of thematic maps interpretation are also study through this paper like, Socio-economic map,</p>

			land cover map, climatological maps etc.
SEM-III	Core-5	CT5: Climatology	Climatological study and understand the weather related meteorological events are very important section in Geographical study. This paper includes nature and components of the atmosphere, Isolation, controlling factors, heat budget etc. The students get some knowledge about horizontal and vertical distribution of the incoming solar radiation, mechanism of the condensation, air mass nature and modification, cyclone generation and its effect over tropical and extra-tropical region. India having with monsoon experience, so it is a major part to understand the monsoon mechanism, effect and distribution of rainfall over the Indian continents. Moreover, climate classification is also the sectional study includes in this paper.
	Core-6	CT6: Statistical methods in Geography	Statistical methods are the major components in Geography. The concept of the statistical methods is taught through this paper.
		CP6: Statistical methods in Geography	Collections of data, Sampling techniques, probability distribution, central tendency, regression etc. are the focal study in this paper.
	Core-7	CT7: Geography of India	The tectonic and stratigraphic provinces, physical divisions, climate, soil, vegetation are the major study portion in this paper. Special regional study also a part of this paper like Darjeeling and Sundarban.
SEC-1	TBD: Coastal Management	Coastal Management is the Skill enhancement Course in Geography. This paper includes components of coastal zone, coastal morphodynamic variables and their role in evolution	

			coastal forms. Coastal hazards management concepts are taught the students through this paper. Coastal part is the sensitive part of the world, so we are helped the students to understand the principles of the coastal zone management with reference to coastal regulation zones.
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SEM-IV	Core-8	CT8: Regional Planning and development	The outcome of this paper is very important for Geography discipline. It includes concept of region, types of planning etc. The students learn about different growth models like Cumulative causation model, Core periphery model and developmental factors of urban area. The developmental factors, inequality and disparity measurement are the part of this paper.
	Core-9	CT9: Economic Geography	Economic geography is one of the important parts of this discipline. This paper includes concept of economic geography, goods and service, production and exchange and consumption etc. The students learn about factors affecting location of economic activities with special reference to agricultural and industrial along with theoretical models. National and international

			agreements of trade are also taught through this paper like concept of GATT and OPEC.
	Core-10	CT10: Environmental Geography	Environmental geography is the important part of this discipline. The students get knowledge about approaches of environmental studies, concept of holistic environment, ecological concept and environmental programme on policies on global, national and local level.
		CP10: Environmental Geography- Lab	This paper deals with the project related field work based on any environmental problems.
	SEC-2	Research Methods	This paper deals with research method. The students gets some knowledge about frame work of research paper including procedure of Objective selection, study area selection, selection of suitable scientific methods, concern literature review and report writing steps.
SEM-V	Core-11	CT11: Fieldwork and Research Methodology	This paper deals with research method. The students gets some knowledge about frame work of research paper including procedure of Objective selection, study area selection, selection of suitable scientific methods, concern literature review and report writing steps.
		CP11: Fieldwork and Research Methodology-Lab	This paper deals with hand on practice on project work. As per the choice of students, they own select study area and associated problems from their local area and complete and submit the same at Department.
	Core-12	CT12: Remote Sensing and GIS	This paper is more helpful for students for preparation of any project work. The students get some knowledge about principles of remote sensing and GIS, satellite s and sensors. Also they learn about

			the principles of Image interpretation and preparation of LULC map.
		CP12: Remote Sensing and GIS-Lab	Georeferencing of images and maps are the basic work of this paper. The students get knowledge on Landsat data handling and preparation of maps.
	DSE-1	Hydrology and Oceanography	This paper deals with global hydrological cycle and its physical and biological role. It is also deals with hydrological other parameters like run-off, drainage basin hydrology, ground water storage and management and major marine resources.
	DSE-2	Fluvial Geomorphology	This is discipline specific elective paper mainly deals with fluvial geomorphology, fluvial morphodynamics and their management.
SEM-VI	Core-13	CT13: Evaluation of Geographical thought	This paper helps the students to understand the thought of geography from ancient period to modern age. It is also helps to understand the contribution of different geographers from their own countries. The trend of geographical thought from world war-II is a major portion of this paper. After that, quantitative revolution, feminism, radicalism etc are the important part of this paper.
	Core-14	CT14: Disaster management	Classification of hazards and disaster are the main component of this paper. Mainly, the response to hazards, preparedness trauma, aftermath, resilience and capacity building are the important portion of this paper. The students are taught about the factors analysis of vulnerability regarding earthquake, cyclone, fire factors case study etc.
		CP14: Disaster management	An individual Project report based on any case study following disasters

		based project work	incorporating measurement is prepared by the students.
	DSE-3	Population Geography	This paper deals with development of population geography relation to demography. Population composition and characteristics like Age-Sex composition, rural urban composition, cause and effect of migration etc.
	DSE-4	Urban Geography	This paper deals with nature and scope of urban settlements, urban growth and development through ancient, medieval, modern and post-modern period. Some aspects of urban place, location, size, situation and spacing of cities. Some theories like rank size rule, Primate city, Market centre concept etc. also important part in this paper.