

# B.A./B.Sc. Honours in Geography

## (under CCFU as per NEP, 2020 curriculum notified by The University of Burdwan)

### Course Outcome:

#### Sem I (Major and Minor)

COURSE OUTCOME	
<p>Course Code 1011 (Major) &amp; 1021 (Minor) (Geotectonics and Geomorphology) Unit 1</p> <p>Unit 2</p>	<p>To instill fundamental knowledge about the different aspects of Physical Geography, especially Geotectonics and Geomorphology with the objective to educate them regarding the characteristics of different Earth surface processes and landforms. Students would study about the interior of the earth with special reference to seismology, concepts of isostasy, seafloor spreading and plate tectonics, tectonic processes like mountain building, folds and faults.</p> <p>Weathering and mass wasting, Models of landscape evolution, theories of Slope Development, development of river network and landforms on uniclinal and folded structures, Glacial and Coastal processes and landforms would be discussed.</p>
<p>Course Code 1051 (Major) SEC Computer Basics and Computer Applications (Practical)</p>	<p>This is an initiative to develop the basics of computer applications to students so that they could apply in geographical studies. Basic knowledge about the Numbering System, data computation, storing and formatting in Spreadsheets: computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Covariance And regression, preparation of Annotated Diagrams and its interpretation: Scatter diagram and Histogram using MS Excel and techniques of internet surfing and extraction of information thereafter have been provided.</p>

**Sem-II (Major and Minor)**

COURSE OUTCOME	
<p>Course Code 2012 (Major) and 2022 (Minor) Population and Settlement Geography Unit 1 Unit 2</p>	<p>To inculcate fundamental knowledge about Population Geography and the basic concepts of Settlement Geography.</p> <p>The development of Population Geography, relation between Population Geography and Demography, determinants of population dynamics, migration, some selected theories of population growth and population composition would be described in this unit.</p> <p>In this unit the concept of site and situation of Rural Settlements, characteristics of Rural Settlements, definition of Urban Settlements, Urban sprawl, Rural-urban continuum, Rurban and Periurban, Urban Morphology and some classical models and the Central Place theory, concepts of urban hierarchy and urban primacy would be discussed.</p>
<p>Course Code 2052 (Major) SEC</p>	<p>This is an initiative to develop the basic concept of field techniques. Knowledge about fieldwork in Geographical studies, its role, significance, selection of study area, pre-field work, ethics of field work, preparation of survey schedules, interviews, field techniques and tools and collection of samples, preparation of inventory and post-field work would be imparted to the students.</p>

### Sem-III (Major)

COURSE OUTCOME	
Course Code 3011 (Major) Geography of India	To inculcate fundamental knowledge about physiography and economy of India.  Several skills and knowledge would develop among the students after studying about their nation which would help them to become an expert and professional planner for the betterment of the nation. It would also help them for the preparation of different competitive exams.
Unit 1	In this unit the physiography including geology, physiographic divisions, drainage systems, climate, soil and vegetation of India have been dealt with in details..
Unit 2	This unit includes the economic aspect of India related to agriculture, industry and mineral and energy resources.
Course Code 3012 (Major) Cartography and Surveying	This is an initiative to impart knowledge about mathematical principles of maps, to gain knowledge to analyze maps and diagrams and use of precision instruments for surveying. Hands on training of use of surveying instruments is also incorporated.
Course Code 3051 SEC Basics of RS and GIS	The aim of the course is to provide theoretical knowledge about Remote Sensing and GIS as well as practical training on use of RS and GIS software and its use in various fields. This would help the students to enhance their skills in the preparation of digital maps for planning purposes.