

PROGRAMME OUTCOME (UG)
DEPARTMENT OF GEOGRAPHY
BELDA COLLEGE
B.SC. HONOURS (CBCS)

PROGRAMME OUTCOME [PO]	SUMMARY	DESCRIPTION
PO1	Acquiring Knowledge of Physical and human Geography	To acquire knowledge on the specified domain of knowledge. Student will have a general understanding about the geomorphological and geotechnical process and formation. They will be able to correlate the knowledge of physical geography with the human geography.
PO2	Environmental Awareness & Sustainability	To analyze the environmental crisis and hazard of the current century, how it is identified in view of this discipline to make a sustainable world.
PO3	Critical Reasoning & Problem Analysis	To Develop the skill of creative thinking and problem analysis in thoughts and actions.
PO4	Develop Interdisciplinary Knowledge	To identify the role of interdisciplinary knowledge for this programme.
PO5	Socio-Cultural Applicability	The course is designed to give an account of the population and development. The acquired knowledge is used to solve the ongoing socio-cultural problems of the society .
PO6	Ethical Values	To develop the culture of value-based thinking especially environmental Ethics examines the ways we supposed to value the environment and the non-human inhabitants of the earth. It examines the moral relationship between human beings and non-human beings ethical life.

PO7	Research & Learning	To apply the acquired knowledge in continued researches work and engage in continued process of life long self-learning in the broadest field of globalization.
PO8	Familiarity with Recent Developments	Understand the recent developments that took place in the subject area, to keep oneself constantly updated.
PO9	Ability in acquiring knowledge recent remote sensing technology and creative Skills	To develop creative skills and learn the art and science of understanding of satellite remote sensing and aerial photography. Basic principles of satellite motion and sensor parameters including the principles of air photo help the students to formalize with the modern space based analytical techniques.
PO10	Sound Comprehension & Communication Skills	Develop sound vocabulary and excellent communication skills and learn the art effective writing, excellent presentations and clear comprehension.

PROGRAMME SPECIFIC OUTCOME (UG)
DEPARTMENT OF GEOGRAPHY
BELDA COLLEGE
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Geography is a science that deals with the description distribution and interactions of the diverse physical, biological, social, cultural, and spatial features of the earth surface. The principle concerns changes in spatial attributes in a temporal perspective. After completing the course, the students will be sufficiently prepared for professional careers in geography and allied disciplines like GIS and Remote Sensing, travel and tourism, demography, planning, marketing, surveying. They will also be able to pursue M.A. /M.Sc., M.Phil. & Ph.D. Course in Geography.

PROGRAMME OUTCOME [PSO]	SUMMARY	DESCRIPTION
PSO1	Acquiring Knowledge of Physical Geography	Student will acquire general understanding about the geotechnical geomorphological process and resultant formation. They will be able to correlate the knowledge of physical geography with the human geography.
PSO2	Built – up Knowledge of Human Geography	To analyze the distribution of population and development of society in respect of space and time to make a sustainable world.
PSO3	Ability of Reasoning & Problem Analysis	The Student will be able to enhance the skill of creative thinking and problem analysis in thoughts and actions in their respective areas.
PSO4	Organize field Survey and preparation of a project report	To frame a survey schedule to conduct environmental and social survey which is needed for measuring the physical and social status of development

PSO5	Acquiring the knowledge of Social and Cultural Geography	The acquired knowledge is used to solve the ongoing socio-cultural problems of the society.
PSO6	Application of Remote Sensing & GIS and modern Geographical Map Making Techniques	To develop modern techniques of remote sensing and aerial photography and to learn to prepare thematic map based on RS & GIS
PSO7	Built-up of field Observation Power	To apply the acquired knowledge to develop their observation power through field experience and in future they will be able to identify the socio-environmental problems in respect of space and time.
PSO8	Expertise with Recent Developments	To aware recent developments that took place in the subject area, to keep oneself dynamic.
PSO10	Enhance Communication Skills	To develop sound vocabulary and excellent communication skills

COURSE OUTCOME (UG)
DEPARTMENT OF GEOGRAPHY
BELDA COLLEGE
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SEMESTER	PAPER NAME	COURSE NAME	COURSE OUTCOME [CO]
1ST SEMESTER	Paper CC1 GEOTECTONIC & GEOMORPHOLOGY	CORE-1 - CT1	<p>CO1.1. Develop knowledge about earth's interior, different geotectonic processes and resultant landforms.</p> <p>CO1.2. Gain knowledge about endogenetic and exogenetic processes i.e. earthquakes, volcanoes and associated landforms.</p> <p>CO1.3. Develop an idea about geomorphology and different types of fundamental concepts and geomorphic processes like weathering and mass wasting and cycle of erosion.</p> <p>CO1.4. Understand the processes of erosion, deposition and resulting landforms.</p>
	CARTOGRAPHIC TECHNIQUES	CORE-2 -CT2, CP2	<p>CO 2.1. Develop an idea about scale and draw different types of scale like linear, diagonal and Vernier and its application.</p> <p>CO 2.2. Acquire knowledge different types of map projection and its application in mapping</p> <p>CO 2.3. Gain knowledge about survey instrument and its application in ground.</p> <p>CO 2.4 Develop basic knowledge of topographical maps CO 2.4.prepare Survey schedule for field data collection to make a field report.</p>

2ND SEMESTER	HUMAN GEOGRAPHY	CORE-3 CT3	<p>CO 3.1. Gain knowledge about major themes of human geography.</p> <p>CO 3.2. Build an idea about population growth and distribution of population.</p> <p>CO 3.3. Know about population –resource relationship.</p> <p>CO 3.4. Human adaptation to environment-Eskimo, Masai, Jarwa, Gaddi, Santals.</p>
	CARTOGRAMS AND THEMATIC MAPPING	CORE-4 - CT4, CP4	<p>CO 4.1 Gain knowledge about topographical maps and apply this knowledge in ground surface.</p> <p>CO 4.2. Identification of different types of rock and minerals.</p> <p>CO 4.3. Know about diagrammatic data presentation like line, bar and circle.</p> <p>CO 4.4. Develop an idea about different types of thematic mapping techniques.</p>
3RD SEMESTER	CLIMATOLOGY	CORE-5 - CT5	<p>CO 5.1 Gain knowledge about the composition and layering of atmosphere</p> <p>CO 5.2. Analyse the importance of the atmospheric phenomenon</p> <p>CO 5.3 Develop ideas about air mass, mechanism of precipitation, cyclone and anti-cyclone.</p> <p>CO 5.4 Understand the concept of climatic classification.</p>
	STATISTICAL METHODS IN GEOGRAPHY	CORE-6 - CT6, CP6	<p>(GEO-H- SEM-III)</p> <p>CO 6.1 Learn the methods of Collection of data and formation of statistical tables</p> <p>CO 6.2 Importance and significance of Statistics in Geography.</p> <p>CO 6.3 Application of statistical methods in geography</p>
	GEOGRAPHY OF INDIA	CORE -7 - CT7	<p>CO 7.1. Gain knowledge about the physical parameters of Indian Geography</p> <p>CO 7.2. Learn the demographic status of India</p> <p>CO 7.3. Learn the distribution of agricultural and mineral resources of India.</p> <p>CO 7.4. Understand the processes of industrial development.</p> <p>CO 7.5. Develop ideas about the geographical parameters of West Bengal</p>

	COASTAL MANAGEMENT OR COMPUTER BASICS AND COMPUTER APPLICATION	SEC-1	<p>CO – SEC 1.1. Analyze the parameters of coastal geography, degradation of coastal environment and coastal management.</p> <p>CO – SEC 1.2. Review of the significance of computer in Geography and its application.</p>
4TH SEMESTER	REGIONAL PLANNING AND DEVELOPMENT	CORE -8 - CT8	<p>CO 8.1. Develop knowledge about the region, regionalization and Regional Development in India</p> <p>CO 8.2. Analyze the theories and models for Regional Development in Indian context</p> <p>CO 8.3. Identify the concept of balanced development in India</p>
	ECONOMIC GEOGRAPHY	CORE - 9 - CT9	<p>CO 9.1. Know the concept of economic geography, economic man & economic distance</p> <p>CO 9.2. Analyze the theories of agricultural and industrial location</p> <p>CO 9.3. Develop an idea about the primary and secondary activities</p> <p>CO 9.4. Explore the ideas of International agreements and trade blocs: GATT and OPEC</p>
	ENVIRONMENTAL GEOGRAPHY	CORE -10 - CT10, CPI10	<p>CO 10.1. Develop knowledge about the Geographers' approach to environmental studies.</p> <p>CO 10.2. Understanding the concept of Ecosystem, structure and functions</p> <p>CO 10.3. Develop an idea about concept of Environmental problems, Environmental pollution and degradation and Environmental programmers and policies</p> <p>CO 10.4. prepare Survey schedule for field data collection for environmental quality assessment</p>

	RESEARCH METHODS OR ADVANCED SPATIAL STATISTICAL TECHNIQUES	SEC-2	CO – SEC 2.1. To explore a research problem and frame a research work CO – SEC 2.2. To apply the acquired statistical knowledge in different spatial issues
5TH SEMESTER	FIELD WORK AND RESEARCH METHODOLOGY	CORE-11 - CT11, CP11	CO 11.1. Understanding the concept of Research in Geography: Meaning, types and significance CO 11.2. Acquire knowledge of the concept of Literature review and formulation of research design CO 11.3. Identify the problems, objectives and hypothesis of research work. CO 11.4. Prepare a notes, references, bibliography, abstract and keywords of a research work
	REMOTE SENSING AND GIS	CORE -12 - CT12, CP12	CO 12.1. Gain knowledge about Principles, Types & use of Remote Sensing CO 12.2. Develop an idea about False Color Composites from IRS LISS-3 and Landsat TM and OLI data. CO 12.3. Build an idea about image interpretation and development planning with the help of remote sensing techniques
	HYDROLOGY AND OCEANOGRAPHY OF HEALTH AND WELLBEING OR CULTURAL AND SETTLEMENT GEOGRAPHY	DSE-1	CO – DSE 1.1. To understand hydrological and oceanographical parameters for environmental protection CO –DSE 1.2. To apply the geographical knowledge for healthy environment and for social wellbeing CO – DSE 1.1.To develop knowledge regarding cultural and settlement geography
	RESOURCE GEOGRAPHY OR FLUVIAL GEOMORPHOL OGY OR SOCIAL GEOGRAPHY	DSE-2	CO – DSE 2.1. To understand resource geography in Indian context CO – DSE 2.2. Build an idea about fluvial geomorphology CO – DSE2.3..To develop knowledge regarding social geography

6TH SEMESTER	EVOLUTION OF GEOGRAPHICAL THOUGHT	CORE -13 - CT13	<p>CO13.1. Know about development of Geography and contributions of Greek, Chinese, and Indian geographers.</p> <p>CO 13.2. Know about development of Geography and contributions of Greek, Chinese, and Indian geographers</p> <p>CO 13.3. Gathering knowledge regarding Transition from Cosmography to Scientific Geography and Impact of ‘Dark Age’ on Geography and Arab contributions</p> <p>CO 13.4 Gathering knowledge regarding discovery and invention in 21st century.</p>
	DISASTER MANAGEMENT	CORE-14 - CT14, CP14	<p>CO 14.1. Develop an idea regarding hazards and disasters.</p> <p>CO 14.2. Gathering knowledge about risk, response, preparedness and management to hazard.</p> <p>CO 14.3. Built UP a concept to frame a case study based project work on disaster management i.e. Earthquake, Landslide, Cyclone, Fire Thunderstorm, Landslide, Flood, Coastal / riverbank erosion, Industrial accident, Structural collapse etc.</p>
	POPULATION GEOGRAPHY OR POLITICAL GEOGRAPHY OR SOIL AND BIOGEOGRAPHY	DSE-3	<p>CO – DSE 3.1. To develop an idea regarding population distribution, density of population, population policy, population –resource region in India.</p> <p>CO –DSE 3.2. To Built up a geo-political sense in world context</p> <p>CO – DSE 3.3. To develop knowledge regarding bio-geographical issues.</p>
	AGRICULTURAL GEOGRAPHY OR URBAN GEOGRAPHY OR PROJECT WORK	DSE-4	<p>CO – DSE 4.1. To apply geographical methods in agricultural field</p> <p>CO –DSE 4.2. To built-up knowledge regarding different urban geographical issues.</p> <p>CO – DSE 4.3. To develop knowledge to frame a project work.</p>