



Panchur College

(A Fully Aided College of Government of West Bengal)

(Affiliated to The University of Calcutta)

A2-48/10/NEW Santoshpur-Bartala Link Road, Kolkata - 700 066, Phone - 9433612181.

Email - panchurcollege@gmail.com, Web - www.panchurcollege.ac.in

DEPARTMENT OF GEOGRAPHY

B. A. GENERAL COURSE (UG)

PROGRAMME SPECIFIC OUTCOME & COURSE SPECIFIC OUTCOME (PSO & CO)

Program Specific Outcomes:

After the successful completion of B.A/B.Sc. in Geography, students gain the knowledge of the following:	
PSO 1	Students will gain the adequate knowledge of physical geography. They will gather knowledge about the fundamental concepts of Geography and will have a general understanding about the geomorphologic and geotectonic process and formation. Imbibing knowledge, skills and holistic understanding of the Earth, atmosphere, oceans and the planet through analysis of landform development; crustal mobility and tectonics, climate change.
PSO 2	An understanding and acknowledgment of the threats that endanger the earth's natural systems. This helps in further realization of the significance of anthropogenic causes of many of the disasters and threats that puts life on this planet on the edge.
PSO 3	Developing a sustainable approach towards the ecosystem and the biosphere with a view to conserve natural systems and maintain ecological balance.
PSO 4	Training in practical techniques of mapping, cartography, interpretation of maps, photographs and satellite images etc; so as to understand the spatial variation of phenomena on the Earth's surface. Knowledge of weather forecasting with the help of weather symbols, codes and weather data.
PSO 5	Develops the knowledge about the concept of different economic activities and the factors that affect its location including the importance of government policies regarding economic growth and development.
PSO 6	Explaining and analyzing the regional diversity of India, its regional uniqueness and symbiotic characteristics while wondering like tourist. Explore the innate joy of different kind of tours and should value the leisure and vacation. Should be aware of steps and policies regarding tourism.
PSO 7	Evaluate and apply the geographic techniques and related theories used to analyse and build an advance geographic concept.
PSO 8	Students can understand the relationship between society and space. They can apply their geographical knowledge to solve local problems those are related to the physical and cultural environments of rural and urban areas.
PSO 9	Acquiring the ability to interpret the nature of population, its composition, growth pattern, migration pattern and the relationship between population and resources.

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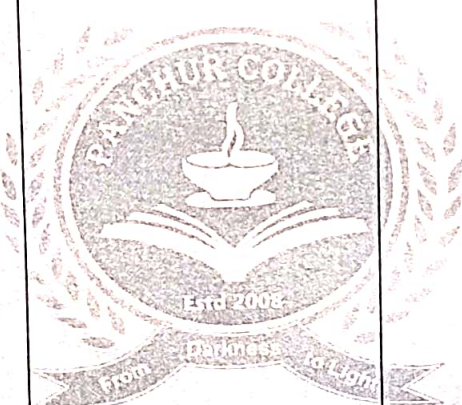
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Course Outcome of Geography UG General Course (CBCS)

SEMESTER	PAPER	UNIT	COURSE	OUTCOMES
SEMESTER-I	PHYSICAL GEOGRAPHY (TH & PR)	GEOTECTONIC 	CO1	CO1.1 Learn about Earth's internal structure, geotectonic processes and formation and how they relate to the earth's deep structure. CO1.2 Understand the plate tectonic theory, folds and faults and the relationship between structure and tectonics. CO1.3 Identification of different type of rocks and minerals.
		GEOMORPHOLOGY	CO2	CO2.1 Learn about different degradational processes such as Weathering, mass wasting and their resultant landforms. CO2.2 Understand about

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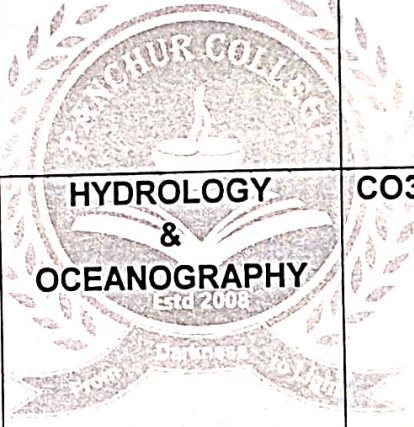
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				principal geomorphic agents, their classification and evolution of fluvial, coastal, aeolian and glacial landforms. CO2.3 Learn about the theories of uniformitarianism. CO 4.4 identification of geomorphic features, drainage patterns, channel profile on topographical map.
		 HYDROLOGY & OCEANOGRAPHY ESTD 2008	CO3	CO3.1 Learn about Global hydrological cycle, Run off and its controlling factors. CO3.2 Understand the drainage basin as a hydrological unit and principles of watershed management.
SEMESTER- II	ENVIRONMENTAL GEOGRAPHY (TH & PR)	CLIMATOLOGY	CO1	CO1.1 Learn about the Insolation and Heat Budget of atmosphere, distribution of atmospheric temperature and pressure. Overview of planetary wind systems such as Indian Monsoons its mechanisms and

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				controls with special reference to India. CO1.2 Develop the concept of formation of atmospheric disturbances like Tropical and temperate cyclones, thunderstorms. CO1.3 Know the factors of climatic change and its effect i.e. greenhouse effect and ozone depletion. CO1.4 Develop about the concept of climatic classification. CO1.5 Gain knowledge about the Indian daily weather report, identification and interpretation.
		SOIL GEOGRAPHY	CO2	CO2.1 Understand the Factors of soil formation, Soil profile development under different climatic conditions. CO2.2 Learn about the Physical and chemical properties of soils, USDA classification of soils, Soil erosion and its

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				management CO 4.3 Determine the soil type by ternary diagram.
		BIOGEOGRAPHY	CO3	CO3.1 Learn the concept of Ecosystem and understand the distribution and characteristics of different Biome. CO3.2 Learn about different types of plants and their adaptation. CO3.3 Understand the importance of Biodiversity its types, threats and
SEMESTER-III	HUMAN GEOGRAPHY (TH & PR)	ECONOMIC GEOGRAPHY	CO1	CO1.1 Understand about different sectors of the economy: Primary, Secondary, Tertiary and Quaternary. CO1.2 Learn about different theories of economic activities depending on location. CO1.3 Know about the location of industries with special reference to India, Globalisation and integration of world economies.

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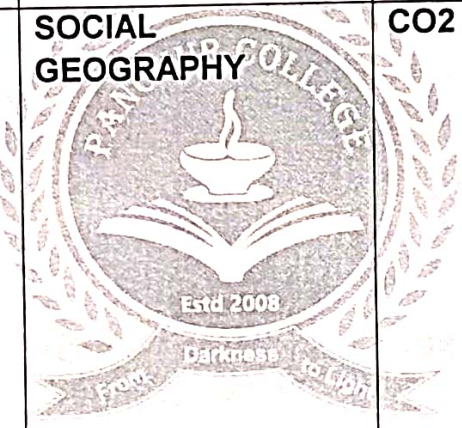
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				CO1.4 Construct occupational structure by proportional divided circles, Time series analysis of industrial production, measuring arithmetic growth rate of population and Nearest neighbour analysis.
		SOCIAL GEOGRAPHY 	CO2	CO2.1 Understand about Human Society and its structure, functions, social systems. Population and migration, Types and characteristics of social organisations. CO2.2 Know about Race, Language and Religion and their origin, characteristics and spatial variations and Social Issues.
		CULTURAL GEOGRAPHY	CO3	CO3.1 Develop the concept of cultural landscape and its elements, Rural and urban settlements in different cultural landscape. CO3.2 Know about Cultural regions and cultural realms, Diffusion of culture and

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				innovations.
SEMESTER- IV	CARTOGRAPHY (TH & PR)	SCALE AND PROJECTION	CO1	CO1.1 Understand about the concept of Maps & Scale and their classification significance and application. CO1.2 Learn about Coordinate systems, Classification, properties and uses of Map projections. CO1.3 Know the Concept and significance of UTM projection. CO1.4 Graphical construction of scales, Construction of Simple Conic with one standard parallel, Cylindrical Equal Area, and Polar Zenithal Stereographic
		TOPOGRAPHIC AND THEMATIC MAP	CO2	CO2.1 Learn about Survey of India topographical maps its conventional signs and interpretation. CO2.2 Understand about different cartographic techniques and representation of data by dots and proportional circles, isopleth and choropleth. CO2.3 Know about

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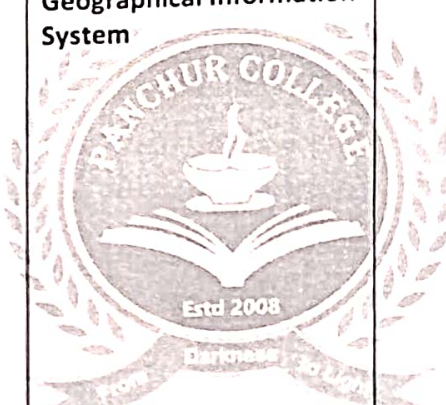
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				Principal national agencies producing thematic maps in India. CO2.4 Construction of Proportional squares, proportional circles, choropleths and isopleths.
		Remote Sensing and Geographical Information System 	CO3	CO3.1 Know about the basic concept of Remote Sensing, satellites, sensors, bands and resolution. CO3.2 Understand the principles of preparing standard FCCs and classified raster images. CO3.3 Know the Principles of Geographical Information System: Concepts of vector types, attribute tables, buffers and overlay analysis. CO3.4 Preparation of annotated thematic overlays from satellite standard FCCs of 1:50k
		SURVEYING	CO4	CO4.1 Understand about the basic theoretical concepts of surveying and survey equipment: Prismatic compass & Dumpy level

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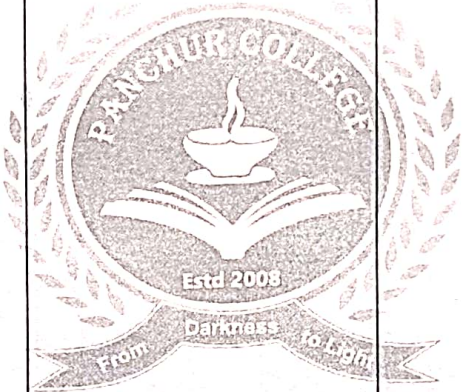
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SEMESTER- V	GEO-G-DSE-A-5- 02-TH/P	Geography of Tourism (DSE)		CO1.1 Being acquainted with the Concepts and issues, tourism, recreation and leisure inter-relations and geographical parameters of tourism by Robinson under the scope and nature of Geography of Tourism. CO1.2 To know the Historical, natural, socio-cultural and economic; motivating factors for pilgrimages as the Factors influencing tourism. CO1.3 Getting an overview of spatial pattern of tourism. CO1.4 Understand the Physical, economic and social and perceptive positive and negative impacts of tourism. CO1.5 To have introduced with Environmental laws and tourism its current trends, spatial patterns and recent changes. CO1.6 Knowing the role of foreign capital and impact of globalization on tourism. CO1.7 To be introduced with recent Trends of Tourism. At International and domestic and local scale. CO1.8 To be introduced with sustainable tourism
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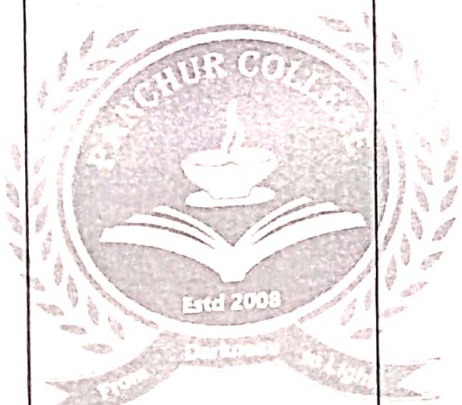


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			and MICE. CO1.9 To be introduced with Tourism infrastructure and regional dimensions of tourist attraction in Indian context with case studies of Dal lake, Goa, Garhwal Himalaya, desert and coastal areas. CO1.10 To be introduced with National tourism policy. Its role of Internet as the promotion of tourism. CO1.11 To be aware of Accommodation and supplementary accommodation, other facilities and amenities required for tourism. CO1.12 To develop a basic idea about Tourism circuits, agencies and intermediaries and Indian hotel industry. CO1.13 Develop competency of analyzing tourist flow. CO1.14 To analyze time-series data for tourist flow projection. CO1.15 Develop ability to prepare Isochronic map. CO1.16 To prepare
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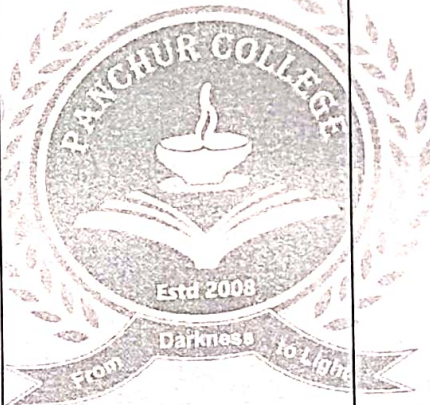


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				questionnaire to assess Environmental Impact of tourism development.
		COASTAL MANAGEMENT (SEC) 		CO1. To study the different components of coastal zone CO2. Learn about environmental impacts and management of mining, oil exploration, salt manufacturing, land reclamation and tourism. CO3. To know about different Coastal hazards and their management like erosion, flood, sand encroachment, dune degeneration, estuarine sedimentation and pollution. CO4. To learn the principles of Coastal Zone Management.
SEMESTER-VI	POPULATION GEOGRAPHY (TH & PR)	POPULATION DYNAMICS	CO1	CO1.1. To study about Relation between population geography and demography., optimum population. CO1.2. Population distribution: density and growth. Classical and

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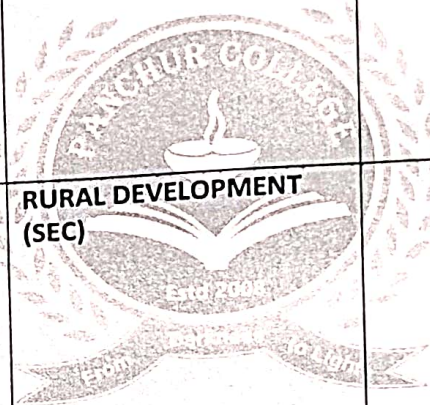


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			modern theories in population distribution and growth, Demographic transition model, Population distribution, density and growth profile in India. CO1.3. To practice the Population projection by arithmetic method, Population density mapping: State-wise for India.
		RURAL DEVELOPMENT (SEC) 	CO1. To study about Rural Development and its basic elements. CO2. To study the Cumulative causation model, core-periphery model, Gandhian approach to rural development. CO3. To study about Drought prone area programmes, PMGSY, SJSY, MGNREGA, Jan Dhan Yojana. CO4. To study about Panchayati Raj system, rural development policies and programmes in India.

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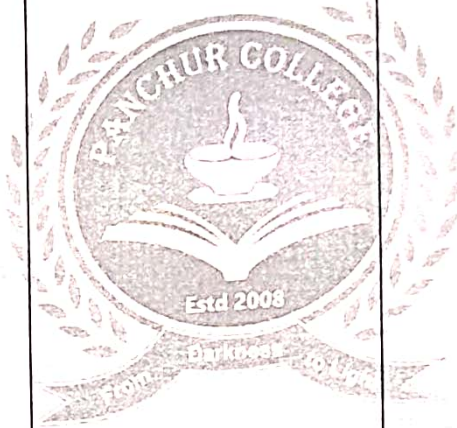
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CO2.1. To study Concepts of age-sex composition; Rural and urban composition; Literacy and education. Measurements of fertility and mortality, Population composition of India: Urbanisation and occupational structure.

CO2.2. To know the Migration: Causes and types and National and international patterns of migration with reference to India, human development index and its components. India's population policies. Population and environment, implication for the future. To study the issues: Ageing of population, declining sex ratio, population and environment dichotomy, impact of HIV/AIDS.

CO2.3. Practice the Analysis of work participation rate: Total and gender-wise for India,

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				analysis occupation structure by dominant and distinctive functions: Districts of West Bengal.
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