

**DEPARTMENT OF GEOGRAPHY
CHURACHANDPUR COLLEGE**

PROGRAMME SPECIFIC OUTCOME

The Bachelor of Arts/Sc. Degree course in Geography includes a wide variety of topics. The learning and understanding of this variety of topics will help the students to develop certain knowledge, skills and experience which will further help them in their better adjustment to life. The P.S.O may be listed as below:-

- 1) Build and understand the basic concepts, theories, models ideas and practices.
- 2) To develop critical thinking among the students on philosophical, social and psychological perspectives so that they can build a future with critical and scientific mind.
- 3) To be able to create an interdisciplinary relation between different subjects.
- 4) To be able to apply appropriate techniques and also have the ability of modelling complex and challenging problems.

COURSE OUTCOME

The course outcome for all the semester of the Bachelor Degree in Geography may be as follows:-

BA/B.Sc 1st SEMESTER : E101 (INTRODUCTION TO GEOGRAPHY)

- C01: To provide a golden opportunity to the students to know nature of geography, emergence of the subject, relationship with other disciplines.
- C02: To comprehend the contribution of Greek, Arab, German and French geographers.
- C03: To understand Geography as the subject of man-environment relationship, and the different concepts and branches.
- C04: To understand Geography as human ecology, Arial differentiation and spatial organisation; concept of regions. Recent trends of study geography in India.
- C05: To understand Cartography and its history; importance of quantitative techniques, Remote sensing and GIS, field works- physical and socio economic survey in geography.

BA/B.Sc IInd SEMESTER ; E 202 (PHYSICAL GEOGRAPHY)

- C01: To understand the solar system and origin of earth, rocks, interior of earth, earth movements, earthquakes and volcanoes and major land forms.
- C02 : To comprehend weathering, concepts of cycle of erosion ; works of running water, wind and glaciers, Karst and coastal regions drainage patterns, lakes and islands.
- C03: To learn the elements of weather and climate; composition and structure of the atmosphere, elements of temperature.
- C04: To have knowledge on Atmospheric pressure and winds, climatic types and their association with major natural regions.
- C05: To gain knowledge on relief of ocean floor, Temperature and salinity distribution of ocean water, currents, marine deposits, distribution of major plant and animals. Concepts of ecosystem and food chain.

BA/ B.Sc IIIrd SEMESTER : E:303 (i) HUMAN GEOGRAPHY

- C01 : To understand nature and scope of human geography, its branches, approaches, primitive life style and migration of mankind.
- C02: To learn the division of mankind, spatial distribution of racial and linguistic groups, and adaptation to the various environments.
- C03: To study and learn economic activities of mankind; primitive and modern society, industry, transport and agriculture, trade and commerce.

BA/ B.Sc IIIrd SEMESTER: E:303 (ii) CARTOGRAPHY-I

- C04: To understand and able to construct different types of scales, and to identify samples of rocks and minerals, fibers and crops.
- C05: To learn methods of showing relief, representation of different landforms by contours, learning the techniques of drawing relief profiles and their relevance in land form mapping and analysis.
- C06: to understand the representation of temperature and rainfall data by various methods, to learn the interpretation of weather maps; to able to read and handle meteorological instruments.

BA/ B.Sc IV SEMESTER GG:E404(i) POPULATION AND SETTLEMENT GEOGRAPHY

- C01: To understand the nature and scope of population geography, world population growth, density and distribution; to learn age, sex, rural and urban and economic composition of population, To study fertility and mortality, migrations; population problems and policies with reference to India.
- C02: To gain knowledge on nature and scope of settlement geography, evolution of settlements.
- C03: To comprehend types and patterns, distribution of rural settlements growth and morphology of urban settlements, Urbanization trends, functional classification of towns, urban problems and planning.

BA/ B.Sc. IV SEMESTER GG: E404 (ii) CARTOGRAPHY - II

- C04: To comprehend cartographic symbols and their uses, points-dots, proportional circles and spheres, line-isopleths and flow lines, areas- choropleth.
- C05: To comprehend use of line and bar graphs for representing population, agriculture, industry and transport data.
- C06: To understand the basic statistical methods- measurement of central tendency : mean, median, mode, standard deviation, correlation co - efficient.
- C07: To learn the representation of population distribution, density and growth, land use cropping patterns, industries and transport by cartographic techniques.
- C08: To learn the interpretation of survey of India top sheets of an area.

BA/ B.Sc V SEMESTER GG: H505 GEOMORPHOLOGY

- C01: To understand the nature, scope and concepts of geomorphology, relationship of geomorphology with other branches of earth sciences.
- C02: To comprehend earth's interior, Wegner's theory of continental drift, plate tectonics, Earth movements, folds and faults, isostasy, earthquakes and volcanoes, types of mountains.

- C03 : To gain knowledge on rocks and minerals - origin, composition and classification of rocks; weathering, formation of regolith and soils, rocks and relief.
- C04: To learn geomorphic agents and processes, erosion, Transportation and deposition, mass wasting; Evolution of landscape, concept of cycle of erosion, fluvial arid, glacial, Karst and coastal landscapes.
- C05: To comprehend on applied geomorphology: Settlements, transport, land-use, mining, resource evaluation, Environmental assessment.

BA/B.SC FIFTH SEMESTER GG: H506 GEOGRAPHY OF INDIA

- C01: To understand India in the context of south and south east Asia; India" a land of unity and diversity, structure and relief, drainage, climate and vegetation, natural regions.
- C02: To comprehend agriculture and agricultural development planning, mineral and power resources, the status of their use and need for conservation.
- C03: To learn the location and distribution of iron and steel, textile, petrochemical, cement and forest based industries.
- C04: To understand Transport and Communication, Trade and Commerce, basis of regional divisions of India and planning.
- C05: To understand North East India: structure and relief, climate, soils and natural vegetation. Resource utilization, population structure and settlement patterns.
- C06: To gain knowledge on Manipur: structure and relief, drainage, climate, soils and natural vegetation, agriculture, mineral and power resources, population, tribes and settlements.

BA/B.SC FIFTH SEMETER GG: H507 P CARTOGRAPHY - III

- C01: To learn the process of preparation of cross and longitudinal profiles of streams; preparation of average slope map, block diagram, area height curve, hypsometric curve and drainage frequency and density map.
- C02: To comprehend the interpretation of geological maps and drawing of geological sections to show the sequence and relationships of structure with relief.
- C03: To gain knowledge on basic principles of land surveying by applying different methods.
- C04: To understand map projection; general principles and classification, drawing of graticules on various types of map projections. To know mathematical methods with suitable outline maps and their properties and uses.

BA / B.SC SIX SEMESTER GG:H 608; ECONOMIC GEOGRAPHY

- C01: To understand definition, nature, scope and recent trends in Economic, Geography, its relation with economics and allied subjects, and primary, secondary, tertiary and quaternary sectors of economy.
- C02: To gain knowledge on natural resources: Renewable and non-renewable, biotic and abiotic conservation of resources; Agriculture - factors of crop production, major food crops and cash crops of the world.
- C03: To comprehend on Mineral and industries; classification of mineral and their world distribution, industries, factors of localization; major industries - iron and steel, textile, chemicals, cement, paper ship building, small scale and cottage industries.
- C04: To acquaintance with trade and transport; geographical factors in their development, water, land and air transport, internal and international trade.

C05: To understand global distribution and concentration of quaternary activities; disparity between developed and developing countries; India's position in quaternary sector, impact of globalization and India's economy, role of multinational companies and rise of IT Industry in India.

BA / B.SC SIX SEMESTER GG:H 609; WORLD REGIONAL GEOGRAPHY

- C01: To understand Asia-Terrain, drainage climate, natural vegetation, soils, spatial distribution of population and economic base of Asia in general and regional studies of south and south - east Asia.
- C02 : To learn on Europe - physical, economic and demographic characteristics of the continent; Regional studies of British isles and European Union.
- C03: To acquire knowledge on North and South America - physical, economic and demographic setup; regional studies of USA and Brazil.
- C04: To comprehend on physical, economic and demographic set up of Australia, New Zealand and Pacific Islands.
- C05: To learn on physical, economic and demographic setup of Africa.

BA/B SC SIXTH SEMESTER GG:H 610 P CARTOGRAPHY - IV

- C01: To learn to conduct Field survey: Dumpy Level survey for preparation of road profile and contouring and Theodolite for measurement of heights and distances.
- C02: To understand and acquire knowledge on Remote sensing: Orientation of aerial photographs under mirror stereoscope, determination of photo scale, identification of objects from the aerial photographs, preparation of base map from the aerial photographs, visual interpretation of satellite imagery for drainage and land use mapping, GIS and GPS
- C03: To comprehend about Field work and to write Field report by conducting Field Study under the guidance of teachers.