

WAIKHOM MANI GIRLS' COLLEGE, THOUBAL
DEPARTMENT OF GEOGRAPHY

**Programme and Course Outcomes for Undergraduate Programme in
Geography under Manipur University Syllabus**

Programme Outcomes:

P.O. 1: Enable Students to understand the subject matter, its branches, importance and relevance of the subject and its changing approaches.

P.O. 2: Help students to understand the symbiotic relationship of man with its environment and the control of environment to man's activities. Thus, keeping in mind, the earth to be home of man diverse sources of knowledge, helps in exploring in solving human environment conflict. Explain societal relevance of geographical knowledge and apply it to real world human- environment issues.

P.O. 3: Use of New methods, techniques and technology, students are able to view earth, its features and thereby related human issues from a different point of view which others don't see. Appreciate and reflect critically on the importance of holistic and interpretative human-environment perspectives.

P.O. 4: Students become equipped with the ability to respond to both natural and manmade disasters and acquire management skills. This is attained through the curriculum by studying and analysing hazards, disasters, their impact and management.

P.O. 5: Ability to undertake research in interdisciplinary studies and problems or issues beyond the realm of what strictly comes under the purview of geography. This is possible because of the varied nature of the curriculum that encompasses the study and analyses of concepts of sub-disciplines and allied disciplines of Oceanography, Geology, Seismology, Climatology, Environmental Studies, Disaster Management, Resource Management and Conservation, Regional Planning and Development Studies etc

Course Outcomes for B.A./B.Sc. I Semester (Introduction to Geography)

C.O. 1: To understand the nature of Geography, emergence of Geography as a subject, Contribution of Different Geographers, relationship between Geography and other disciplines.

C.O. 2: To study and understand the man-environment relationship, determinism, possibilism, neo-determinism, Dualism in geography – systematic regional, physical-human, branches of geography.

C.O. 3: To understand the concept of Areal differentiation, Spatial Organisation, Region and recent trends of Geography in India.

C.O. 4: To explain the methods of cartographic techniques, remote sensing, GIS and field works. To study the techniques of Surveying.

Course Outcomes for B.A./B.Sc. II Semester (Physical Geography)

C.O. 1: Understand the Solar system and theories, hypothesis related to the origin of the earth, earth's interior, formation of rocks, landforms and earth movements.

C.O. 2: To study and understand the elements of weather and climate, composition and structure of the atmosphere, temperature, pressure distribution, winds, cyclones, climate types.

C.O. 3: Understand the concept of weathering and erosion, agents of erosion their works and landforms developed by them thereon.

C.O. 4: To understand the configuration of Ocean floor, marine deposits, temperature and salinity distribution of ocean water, understand the concept of ecosystem, food chain, global distribution of major plants and animals.

Course Outcomes for B.A./B.Sc. III Semester (Human Geography)

C.O. 1: Study and understand the concept of Human Geography, branches of Human Geography, Primitive lifestyle of mankind and its evolution.

C.O. 2: Enables to understand the spatial distribution of racial and linguistic groups in different environmental settings and adaption to it.

C.O. 3: Enables to understand the various economic activities that were practiced by the primitive man, modern economic activities, their distribution which are directly control by the geographical factors.

Course Outcomes for B.A./B.Sc. III Semester Practical (Cartography-I)

C.O. 1: It will help in understanding the concept of scale, its types, application and representation.

C.O. 2: Enables to represent the landforms by various methods.

C.O. 3: Enables to represent the climate data by graphs of various types and combination of climate data in one graph, reading of meteorological instruments and weather forecasting.

Course Outcomes for B.A./B.Sc. IV Semester (Population & Settlement Geography)

C.O. 1: To understand the nature and scope of population and settlement geography, to explain the distribution of population characteristics, age-sex, rural-urban, fertility, mortality, migration.

C.O. 2: To understand the concept of settlement, its types and patterns, geographical factors affecting the settlement, evolution of settlement.

C.O. 3: Enables to understand the rural and urban settlement, distribution of rural settlements, growth of urban settlements, urbanisation trends, morphology of settlements, classification of towns and urban problems and planning.

Course Outcomes for B.A./B.Sc. IV Semester Practical (Cartography-II)

C.O. 1: Learn the cartographic symbols and their uses, statistical techniques like, mean, median, mode, correlation coefficient, standard deviation.

C.O. 2: Learn the statistical data by different cartographic techniques, Interpretation of Toposheets.

Course Outcomes for B.A./B.Sc. V Semester (Geomorphology)

C.O. 1: To study and understand the nature and scope of geomorphology, relationship of geomorphology with other branches of earth sciences and the geological time scale.

C.O. 2: It will enable the students to learn about the earth's interior, earth movements, theories of continental drift, plate tectonics, fold, faults, types of mountains, earthquakes and volcanoes.

C.O. 3: Understand about the rocks and minerals, its origin, composition and classification, formation of soils, weathering.

C.O. 4: Learn about the geomorphic agents and processes, evolution of landscape, concept of cycle of erosion.

C.O. 5: Learn about the applied geomorphology in regard to settlement, transport, land-use, mining, resource evaluation, environmental assessment.

Course Outcomes for B.A./B.Sc. V Semester (Geography of India)

C.O. 1: To know about India in the context of south and south east Asia, its physiographic divisions and India as a land of unity and diversity.

C.O. 2: It enables to understand the agriculture and resources spatial distribution and planning for its development and conservation.

C.O. 3: It explains the major modes of communication in the country, divisions of regions and regional planning.

C.O. 4: To study the regional geography of northeast India, its physiography, resources, natural vegetation, population and settlement patterns.

C.O. 5: Explain about the geography of Manipur, its structure, relief, climate, tribes, agriculture, minerals, population and settlement patterns.

Course Outcomes for B.A./B.Sc. V Semester Practical (Cartography-III)

C.O. 1: To learn the preparation of cross and longitudinal profiles of streams, average slope map, block diagram, area height curve, hypsometric curve, drainage frequency and density map.

C.O. 2: Learn the techniques of geological map interpretation, drawing of geological sections.

C.O. 3: Learn the basic principles of land surveying by chain and tape, prismatic compass and plane table survey method.

C.O. 4: To learn the map projections, its general principles, classifications, properties and uses, mathematical methods and drawing the graticules.

Course Outcomes for B.A./B.Sc. VI Semester (Economic Geography)

C.O. 1: Learn the nature and scope of economic geography, its relations with economics and allied subjects, sectors of economy.

C.O. 2: To know about the natural resources, mineral resources, their classifications, distribution, factors of localization.

C.O. 3: To understand about the trade and transport and geographical factors in their development.

C.O. 4: To know about the global distribution and concentration of economic activities, disparity between developed and developing countries, impact of globalisation and India's economy, role of MNCs.

Course Outcomes for B.A./B.Sc. VI Semester (World Regional Geography)

C.O. 1: To study the geography of Asia, its terrain, drainage, climate, natural vegetation, soils, spatial distribution of population, economic activities and regional studies of south and southeast Asia.

C.O. 2: To study the geography of Europe, its physical, economic, and demographic characteristics, regional studies of British Isles and EU.

C.O. 3: To study the geography North and North America, its physical, economic and demographic setup, regional studies of USA and Brazil.

C.O. 4: To study the geography of Australia and New Zealand and Pacific islands, its physical, economic, and demographic set up.

C.O. 5: To study the geography of Africa, its physical, economic and demographic setup.

Course Outcomes for B.A./B.Sc. VI Semester Practical (Cartography-IV)

C.O. 1: Learn the Dumpy level survey for preparation of road profile and contouring and theodolite for measurement of heights and distances.

C.O. 2: Learn the Remote Sensing techniques, orientation of aerial photographs under mirror stereoscope, determination of photo scale, visual interpretation of satellite imagery, introduction to GIS and GPS.

C.O. 3: To enable students prepare field report based on the field work study.