



Name of the Programme: B.A. / B.Sc. Geography (CBCS)

Programme Outcomes (PO)

After completing the Three Year Undergraduate Programme in Geography, Students are expected to achieve the following Programme Outcomes:

PO1: Knowledge/Academic expertise

PO2: Critical Thinking

PO3: Effective Communication

PO4: Social Interaction

PO5: Effective Citizenship

PO6: Ethics

PO7: Environmental and Sustainability

PO8: Self-directed and Life-long Learning

PO9: Community engagement

PO10: Individuality and Teamwork

PO11: Competencies for employment

PO12: Competencies for Research

Programme Specific Outcomes (PSO)

The programme-specific outcomes of the Undergraduate Programme in Geography are listed below. After completing the programme the students will be able to

PSO1: Understand Human activities over space and time.

PSO2: Applications of Cartographic techniques, statistics and remote sensing in Geography.

PSO3: Understand Concept and Theories in Physical Geography.

Course Outcomes (CO)**B.A./B.Sc. 1st Semester****Course Title: C1: GEOMORPHOLOGY & BIO-GEOGRAPHY WITH PRACTICAL**

Course Code: GGRM101T4 & 101P2

On completion of this Course, a student will be able to :

- CO1 Explore the nature & scope of Geography
- CO2 Understand about different type of Earth Movements
- CO3 Understand the geomorphic processes related to the surface of the earth
- CO4 Understand about different geomorphic landforms and its associated processes
- CO5 Explore about world distribution of plants and animals and its relation with human activities
- CO6 Understand about soil forming processes, distribution as well as associated problems in India and Assam
- CO7 Learn different scales and morphometric techniques in Geography

Course Title: C2: CLIMATOLOGY WITH PRACTICAL

Course Code: GGRM102T4 & 101P2

At the end of this course the student should be able to:

- CO1 Understand basic structure and composition of atmosphere
- CO2 Learn about factors controlling insolation and temperature and its distribution
- CO3 Understand the concept of air pressure, winds and its geographical distribution and pattern
- CO4 Understand the concepts of Atmospheric moisture, humidity, evaporation and condensation
- CO5 Concept, types and structure of cyclonic activities
- CO6 Representation of climatic data on maps

B.A. /B.Sc. 2nd Semester**Course Title: C3: HUMAN GEOGRAPHY**

Course Code: GGRM201T6

At the end of this course, the student should be able to:

- CO1 Understand about major themes and contemporary relevance of Human geography
- CO2 Understand the interrelationship between space and society
- CO3 Understand population growth, distribution, density and compositions in a global context
- CO4 Understand about evolution of different settlements along with the trend in Urbanization
- CO5 Explore the relationship between Population and Resources in the world

Course Title: C4: GEOGRAPHY OF INDIA AND PRACTICAL

Course Code: GGRM202T4 &202P2

At the end of this course, the student should be able to:

- CO1** Enhance understanding of Physiographic Divisions, climate, vegetation and soil in India
- CO2** Understand about population growth, distribution and composition in India
- CO3** Analyse the distributional pattern of Power, Minerals and major crops in India
- CO4** Enhance understanding of the physiographic structure of North East India
- CO5** Understand about the distributional pattern of minerals, forest and Industries in Assam
- CO6** Enhance skills in Thematic cartography and shape index analysis

B.A. /B.Sc. 3rd Semester**Course Title: C5: CARTOGRAPHY WITH PRACTICAL**

Course Code: GGRM301T4 &302P2

At the end of this course, the student should be able to:

- CO1** Understand about different map projection techniques and their Utility
- CO2** Enhance understanding of different surveying Techniques
- CO3** Understand about different surveying and levelling techniques
- CO4** Develop skills in preparing conical and cylindrical projection

Course Title: C6: REGIONAL GEOGRAPHY OF THE WORLD

Course Code: GGRM302T6

At the end of this course, the student should be able to:

- CO1** Understand about physiographic details of Asia, Africa, Europe & North America
- CO2** Explore about minerals distribution and industrial development of Developed, developing and underdeveloped countries
- CO3** Understand about distribution of global population
- CO4** Understand about physiographic and economic details of Middle east, South East Asia and the Mediterranean region

Course Title: C7: STATISTICAL METHODS IN GEOGRAPHY

Course Code: GGRM303T6

At the end of this course, the student should be able to:

- CO1** Understand about types and scales of measuring data
- CO2** Understand about measures of central tendency, dispersion and coefficient of variation

- CO3** Examine different sampling techniques and applicability
- CO4** Enhance understanding of probability and normal distribution
- CO5** Understand about concept and application of Correlation & Regression techniques

B.A. /B.Sc. 4th Semester**Course Title: C8: ECONOMIC GEOGRAPHY**

Course Code: GGRM401T6

At the end of this course, the student should be able to:

- CO1** Understand about concept and classification of economic activity
- CO2** Understand the theories related to agricultural and industrial location
- CO3** Analyse about types and nature of primary economic activities
- CO4** Understand secondary economic activities and Manufacturing regions
- CO5** finally understand tertiary economic activities

Course Title: C9: ENVIRONMENTAL GEOGRAPHY

Course Code: GGRM402T6

At the end of this course the student should be able to:

- CO1** Understand the concept & scope of environmental geography
- CO2** Examine man environment relationship in different locations
- CO3** Understand basic concept, structure and functioning of the ecosystem
- CO4** Gain knowledge on environmental problems in different climatic regions
- CO5** Enhance understanding on local to global environmental programs and policies

Course Title: C10: REMOTE SENSING & GIS WITH PRACTICAL

Course Code: GGRM403T4 & 403T2

At the end of this course, the student should be able to:

- CO1** Understand about historical development of remote sensing and its relevance in Geography
- CO2** Examine energy source and radiation principle
- CO3** Understand energy interaction with atmosphere and surface features
- CO4** Explore different sensors and platforms in Remote sensing
- CO5** Enhance skill in processing remote sensing data and GIS-based mapping

B.A. /B.Sc. 5th Semester**Course Title: C11: REGIONAL PLANNING AND DEVELOPMENT WITH PRACTICAL**

Course Code: GGRM 501T4 &501P2

At the end of this course, the student should be able to:

- CO1** Understand the Concept, types of regions & regional planning
- CO2** Concept and Characteristics of planning region and its application for regional development
- CO3** Analyse the role of spatial and non-spatial theories of regional development
- CO4** Examine the dynamics and development and underdevelopment
- CO5** understand the Measures of development using different criteria
- CO6** Developed skill in Measuring levels of development & Disparity using different criteria

Course Title: C12: POPULATION GEOGRAPHY WITH PRACTICAL

Course Code: GGRM502T4 & 502T2

At the end of this course, the student should be able to:

- CO1** Understand the nature of different sources of data
- CO2** Analyse the theories associated with the growth of the population
- CO3** Understand population dynamics, determinants and implication
- CO4** Understand the composition and characteristics of the population
- CO5** Examine various issues associated with population in the contemporary period
- CO6** Develop skills in generating maps and graphs using population data

Course Title: SETTLEMENT GEOGRAPHY

Course Code: GGRM DSE501AT6

At the end of this course, the student should be able to:

- CO1** Understand the origin of settlement concerning the environment
- CO2** Analyse types and patterns of rural settlement
- CO3** Understand the growth, function and classification of urban settlements
- CO4** Analyse the Hierarchical pattern of Urban settlements
- CO5** Understand about theories associated with Market centre

Course Title: AGRICULTURAL GEOGRAPHY

Course Code: GGRM DSE502BT6

At the end of this course, the student should be able to:

- CO1** Understand the nature and scope of Agricultural Geography
- CO2** Analyse various determinants of Agriculture
- CO3** Understand various types of regions associated with agriculture in India
- CO4** Understand about agricultural system of the world and the cropping intensity model
- CO5** Examine various agricultural revolutions in India

B.A. /B.Sc. 6th Semester**Course Title: C13: EVOLUTION OF GEOGRAPHICAL THOUGHT**

Course Code: GGRM601T6

At the end of this course, the student should be able to:

- CO1** Understand paradigm shift in geography
- CO2** Understand the Early history of geographical thinking
- CO3** Understand the development of geography in the modern period
- CO4** Understand dichotomy and dualism in geography
- CO5** Understand the revolution of geographical and postmodern approaches in geography

Course Title: C14: DISASTER MANAGEMENT WITH PROJECT WORK

Course Code: GGRM602T4 & 602P2

At the end of this course, the student should be able to:

- CO1** Understand about Hazards and Disasters and related concepts
- CO2** Acquire knowledge on causes and consequences of natural disasters
- CO3** Understand about causes and consequences of manmade disasters
- CO4** Examine the role and responsibility of different disaster management authorities
- CO5** Prepare a project report related to any disaster based on field study

Course Title: POLITICAL GEOGRAPHY

Course Code: GGRM DSE 601BT6

At the end of this course, the student should be able to:

- CO1** Understand the nature and scope of political geography
- CO2** Analyse the concept of state & nations and various geo-strategic theories
- CO3** Understand various concepts in geography that influence the voting pattern
- CO4** Understand different resource conflicts and disputes in India and neighbouring countries
- CO5** Examine politics of displacements resulting from Dams and SEZ

Course Title: SOCIAL GEOGRAPHY

Course Code: GGRM DSE 602BT6

At the end of this course, the student should be able to:

- CO1** Understand the nature, scope and origin of social geography
- CO2** Analyse people process and migration in India
- CO3** Understand social categories and their spatial distribution in India
- CO4** Understand Geographies of Welfare and Wellbeing in India
- CO5** Examine various social issues of Slum and Gated Communities
