

## **PROGRAMME SPECIFIC OUTCOME OF GEOGRAPHY**

### **After graduation the student will be able to-**

PSO 1: understand the position of geography among the earth sciences and its importance and interrelationship.

PSO 2: have in-depth knowledge in physical geography particularly formation of landform and its associated processes, world distribution of flora and fauna and their factors, marine resources etc.

PSO 3: acquire knowledge on elements, factors of climate and its influence on mankind in a global perspective.

PSO 4: assess man-nature relationship and resource management.

PSO 5: acquire knowledge on physical environment and its role in maintaining biodiversity along with human impact on different environments, environmental impact assessment.

PSO 6: handle population data including estimation of population, causes and consequences of population growth, population policies.

PSO 7: handle statistical data, interpretation and model building.

PSO 8: prepare map of different themes following different map projections.

PSO 9: earn knowledge on recent space technologies including interpretation of Satellite Imagery, Aerial Photographs, Geographical Information System and Global Positioning System (GPS).

PSO 10: acquire expertise in survey works by using plane table, prismatic compass, Dumpy's Level and Theodolite and subsequently able to prepare map on local level for the planning purpose.

PSO 11: acquaint with the present geo-political issues of South East Asia including major insurgency activities in the regional and local level.

### **COURSE OUTCOME OF GEOGRAPHY:**

#### **Course Code: GGRM 101-**

CO1: Students will be acquainted with the distinctiveness of Geography as a field of learning in social science as well as natural science. Besides they will be familiar with the interrelationship between Geography and other branches of Earth Sciences.

#### **Course Code: GGRM 201**

CO1: Students will be familiar with the theories in Geomorphology.

CO 2: Students will be familiarising with geomorphic processes.

CO3: It deals with Biogeography.

CO4: It deals with Oceanography

#### **Course Code: GGRM 301**

CO1: It deals with the atmosphere and its components.

CO2: It deals with Humidity, precipitation and atmospheric disturbances.

CO3: It deals with the classification of climate, climate change and recent issues.

**Course Code: GGRM 302 (Practical)**

CO1: It deals with the Topographical sheet study and profile drawing.

CO2: It deals with the Climatic data study.

**Course Code: GGRM 303**

CO1: It deals with Environmental Geography, Environmental Impact Assessment, Environment and disaster management.

CO2: Deals with Ecology and Ecosystem.

CO3: Deals with Geography of Resources.

**Course Code: GGRM 304 (Practical)**

CO1: Deals with cartographic representation.

CO2: Deals with Morphometric Analysis.

**Course Code: GGRM 401**

CO1: Deals with the concept of Human Geography, its development and different school of thought.

CO2: Deals with pattern of Human adaptation, Mankind and Settlement.

CO3: Deals with Population growth and distribution, Population regions and Policies.

**Course Code: GGRM 402 (Practical)**

This paper is designed to acquaint the students with the use of different cartographic methods to represent population data and their analysis and drawing of thematic maps and their interpretation.

CO1: It deals with the population data study.

CO2: It deals with the Thematic mapping.

**Course Code: GGRM 403**

This paper deals with various aspects of Industrial, Agricultural and Transport Geography.

CO1: It deals with Industrial Geography.

CO2: Deals with Agricultural Geography.

CO3: Deals with Transport Geography.

**Course Code: GGRM 404 (Practical)**

This paper deals with drawing of Hypsometric and Bathymetric curve and their interpretation.

CO1: Deals with Hypsometric and Bathymetric Curve.

CO2: Deals with Excursion or Field Report visited by the students of geographical importance.

**Course Code GGRM 501**

It deals with the study of Regional geography of India and NE India.

CO1: Deals with the Physical Geography of India.

CO2: Deals with Mineral and Power Resources of India.

CO3: Deals with Physical Geography of N.E.India.

**Course Code: GGRM 502 (Practical)**

This paper deals with preparation of Cartograms and Project Report writing.

CO1: Deals with Flow line and Cartographic Study.

CO2: Deals with writing of project report.

**Course Code: GGRM 503**

This paper is designed to study Regional Geography of Asia, North America and South America.

CO1: Deals with Regional geography of Asia.

CO2: Deals with Regional Geography of North America.

CO3: Deals with the study of South America.

**Course Code: GGRM 504 (Practical)**

This paper deals with preparation of Thematic mapping.

CO1: Deals with Thematic mapping and Shape index analysis of India.

CO2: Deals with Thematic mapping of N.E.India.

**Course Code: GGRM 505**

This paper mainly deals with Political Geography and Geopolitical Issues.

CO1: Deals with concept, development and functions of political geography.

CO2: Deals with Geopolitical issues of South East Asia.

**Course Code: GGRM 506 (Practical)**

This paper deals with slope analysis and drawing of block diagrams.

CO1: Deals with slope analysis by different methods.

CO2: Deals with preparation of Block diagram.

**Course Code: GGRM 507**

This paper deals with Social geography, Regional concept and Planning and Regional Planning Strategy.

CO1: Deals with Social Geography.

CO2: Deals with Regional concept and Planning.

CO3: Deals with Regional Planning Strategy.

**Course Code; GGRM 508 (Practical)**

This paper deals with Cartograms and Quantitative analysis and Network Analysis.

CO1: Deals with Quantitative Analysis.

CO2: Deals with Network Analysis.

**Course Code: GGRM 601**

This paper aims to pertain knowledge on history of map projection and surveying and leveling, and modern cartographic methods.

CO1: Deals with history and development of map projection.

CO2: Deals with cartographic methods and surveying by different techniques.

CO3: Deals with modern cartographic methods including Remote sensing ,GIS and GPS.

**Course Code: GGRM 602 (Practical)**

This paper deals with the construction of map projection.

CO1: Deals with map projection of Zenithal, Conical and Cylindrical type.

Course Code: GGRM 603

This paper deals with Regional geography of India and N.E.India.

CO1: Deals with Agriculture, Industries and Transport of India.

CO2: Deals with the Socio-cultural Structure of India.

CO3: Deals with the Economy of North East India.

**Course Code: GGRM 604 (Practical)**

It deals with the modern techniques of interpretation of satellite imagery.

CO1 : Deals with Image Intepretation.

CO2: Deals with Satellite image comparison with toposheet.

**Course Code: GGRM 605**

This paper deals with the Regional geography of Africa, Australia and New Zealand and Europe.

CO1: Deals with the regional geography of Africa.

CO2: Deals with study of Australia and New Zealand.

CO3: Deals with the study of Europe.

**Course Code: GGRM 606 (Practical)**

This paper deals with the analysis of statistical data.

CO1: Deals with the statistical data representation (median and mode; NN Analysis;Principal componenet analysis)

CO2: Deals with the statistical data representation part-2.( LQ Analysis, Lorenz curve)

**Course Code: GGRM 607**

This paper deals with the Geographic thoughts and Quantitative methods.

CO1: Deals with development of geography in ancient, mediaval and modern period.

CO2: Deals with Quantitative methods used in geographical analysis.

**Course Code: GGRM 608 (Practical)**

This paper deals with conducting survey by different methods and preparation of maps.

CO1: Deals with surveying by plane table and prismatic compass.

CO2: Deals with surveying by Dumpy's level, theodolite and GPS.