**Course Specific Outcome (CSO):**

Course Outcomes (Honours)

CC1-01PR (Geotectonics)

- Understand the concepts of map scale and map projection.
- Learn how map scales help determine physical distances and geographic area sizes.
- Study the methods of portraying Earth's spherical surface on a flat map, including distortions in projections.
- Understand the trade-offs between preserving certain map properties while distorting others.

CC1-02PR (Geomorphology)

- Interpret topographic maps showing physical and cultural features using conventional symbols.
- Explore the application of topographic maps in geographic planning, architecture, civil engineering, remote sensing, and GIS.
- Understand the relationship between rocks, minerals, and landform features.

GEO-H-CC-2-03-PR (Human Geography)

- Learn how spatial processes like migration, landscape change, and spatial planning shape human life.
- Study surveying, cartography, and the mathematical/statistical methods used in these processes.

GEO-H-CC-2-04-PR (Settlement Geography)

- Analyse the spatial and structural characteristics of human settlements in varied environments.
- Understand the economic and social development indicators of settlements, including the role of multiple functions in large settlements.

CC3-05-PR (Climatology)

- Study meteorological instruments and techniques for interpreting and representing climatic data.
- Learn to measure air temperature, air pressure, and analyse symbols used in Indian weather maps.
- Master the techniques of climograph and hythergraph for representing climate data.

CC3-06-PR (Statistical Methods in Geography)

- Learn basic statistical methods, such as central tendency and correlations.
- Apply mathematical techniques to describe natural phenomena and enhance research in geography.

CC3-07-PR (Geography of India)

- Study rainfall and temperature graphs, and the decadal growth rate of population.
- Learn to measure inequality using Lorenz curves and the Gini coefficient.

GEO-H-CC4-08-PR (Economic Geography)

- Understand the distribution and organisation of economic activities globally.
- Analyze the economic structures of developed and developing nations and their global interconnections.

GEO-H-CC4-09-PR (Regional Planning and Development)

- Study regional planning methods for holistic development, addressing public action for societal well-being.
- Explore the application of regional planning for comprehensive development and integration of regional space.

CC5-11-PR (Environmental Geography)

- Prepare a project report on environmental problems.

- Gain practical understanding of burning environmental issues and learn data collection, assimilation, and report writing techniques.

CC5-12-PR (Remote Sensing and GIS)

- Learn about remote sensing and GIS, including satellite imagery, image processing, and classification.
- Understand the significance of these modern technologies in geographic research and applications.

DSE 5-01-PR (Population Geography)

- Study population projection, density mapping, and work participation rates.
- Understand the factors influencing population growth and distribution through authentic data like Census of India.

GEO-DSE5-02-PR (Urban Geography)

- Study urbanisation trends and methods like the rank-size rule.
- Analyse urban distribution patterns using census data.

GEO-H-DSE-6-03-PR (Advanced Cartography)

- Understand modern cartography techniques, including digital map-making, data manipulation, image processing, and visualisation.
- Apply GIS and computer-assisted mapping systems for spatial data representation.

GEO-H-DSE-6-04-PR (Social Geography)

- Study the relationship between society and space.
- Explore how societal processes influence spatial structures and vice versa.

Course Outcomes (Programme Course)

GEO-P-CC-1-01-PR (Physical Geography)

- Understand the processes shaping Earth's surface and the organisms inhabiting it.
- Study geomorphology and the physical factors affecting geography.

GEO-P-CC-2-02-PR (Human Geography)

- Analyse how spatial processes influence human lives, including migration and spatial planning.
- Learn surveying and cartography techniques using mathematical/statistical methods.

GEO-P-CC-3-03-PR (Regional Development)

- Study regional development efforts to reduce disparities and support economic activities.

GEO-P-CC-4-04-PR (Spatial Information Technology)

- Understand the role of spatial information technologies like remote sensing, GPS, and GIS in planning and sustainable management.

GEO-P-DSE-5-01-PR (Disaster Management)

- Prepare project reports on environmental issues, learning to design, collect data, and analyse information about disaster management.

GEO-P-DSE-6-02-PR (Climate Change: Vulnerability and Adaptation)

- Study the impacts of climate change, focusing on vulnerabilities and adaptation strategies.
- Learn about human migration and conflict resulting from climate change, and actions to reduce its negative impacts.

GEO-SEC-A-3-01-TH (Remote Sensing)

- Learn about remote sensing techniques and their application in geography, focusing on aerial photo interpretation and satellite imagery.

GEO-SEC-A-4-02-TH (Geographical Information Systems)

- Understand GIS fundamentals, apply data visualisation, and create maps.
- Study interdisciplinary GIS applications, troubleshoot problems, and use GPS for data collection.

Course Outcomes (GE)

GEO-GE-01-TH (Physical Geography)

- Learn about physical geography, the solar system, types of rocks, and weather phenomena.
- Understand the denudation process, hydrosphere, weather vs. climate, and prepare for competitive exams.

GEO-GE-02-TH (Geography of India)

- Study the political division, natural regions, and economic activities of the world.
- Analyse population distribution and the global impacts of economic processes like globalisation and trade.