COURSE & PROGRAM OUTCOMES

GEOGRAPHY GENERAL COURSE UNDER CBCS

COURSE OUTCOMES

The course outcomes of different papers of all Semesters are presented below. After completion of these Semester students will be able to-

SEMESTER	COURSE CODE	COURSE TITLE	COURSE OUTCOMES
SEM-I	**CC1A** Th+Ph	**Geomorphology and Cartography**	• Have knowledge on Weathering and types of related landforms; • Infer Lithosphere- Internal structure of Earth based on seismic evidences. • Illustrate Plate Tectonics and associated landforms • Classify the landforms developed in arid, glaciated and fluvial regions. • Rephrase Fluvial Cycle of Erosion by Davis and Penck, Hydrological Cycle and Groundwater. • Classify Linear and Comparative Scale; Proportional Circles and Squares. • Analyze Composite Bar diagrams and Age-Sex Pyramids. • Utilize G. Taylor's Climograph and Hythergraph
SEM -II	**CC –IB** Th+Pr	**Physical Environment & Surveying**	• Have knowledge on elements of weather & climate, composition & layers of atmosphere. • Identify forms of precipitation, types of rainfall & cyclone. • Recall Koppen's climatic classification. • Gain knowledge on soil properties, soil forming factors & processes, Biosphere, Ecology, Ecosystem, Environment, Biomes, Habitat, Niche etc. • Gain knowledge about different survey instruments & mathematical procedure of traversing & contouring. • Handle survey instruments- Prismatic compass, Dumpy level & Plane Table.

SEM III	**CC 1C** Th+Pr	**Human Geography and Map Study**	• Define Human Geography, conceptualize its major subfields, space and society with its characteristics. • Know about the cultural regions, races, religions and languages with perspective of the World and India. • Examine the adjustment of Eskimos to the environment and their recent development. • Define population, characterize population growth and its composition, elaborate Demographic Transition Theory with the context of the World and India. • State about the types of population migration with reference to India. • Know what is settlement and classify rural settlement on the basis of typology and pattern, discuss about the functional classification of towns. • Construct a simple conical projection with one standard parallel cylindrical equal area projection with one standard parallel. • Interpret the Topographical Maps with special reference to the relationship between physiography, drainage and settlement with suitable illustration. • Interpret the Indian daily weather map of different seasons with relevant diagrams.
	SEC 1 Th+Pr	**Computer Basics and Computer Applications**	• Know about the concept of numbering systems with the enumeration of binary arithmetic. • Compute, store and format data in a spreadsheet as examples of the calculation of rank, mean, median, mode, standard deviation, moving average, derivation of correlation, covariance and regression with the selection of suitable techniques, representation and interpretation. • Prepare annotated diagram, i.e., scatter diagram and histogram and interpret these. • Gather knowledge about the access of internet surfing, generation and extraction of information.

SEM -IV	**CC- ID** **Th+Pr**	**Environment alGeography**	• Understand different approaches to environmental studies & man-nature relation in mountain & coastal region. • Realize air & water pollution. • Know about MAB, forest & wildlife policy of India. • Appraise Chipko movement & Ramsar sites in India. • Construct questionnaire for perception survey on environmental problems. • Measure soil pH, organic carbon & map wetland & forest from Topographical sheet
	SEC -2 **Th**	**Regional Planning & Development**	• Gain knowledge about concept & classification of region & regional planning. • Build an idea about HDI. • Summarize agricultural & Industrial development in India. • Appraise the importance of DVC. • Prepare questionnaire for field survey.
SEM-V	**DSE 1A** Th+Pr	**Geography of India**	• Discuss about the Physical Setting of India. • Illustrate population characteristics. • Classify Rural and Urban settlement type in India • Describe different Minerals, Agricultural and Energy resources. • Identify the major cotton textile, Iron and Still industries India. • Justify Sundarbans and Marusthali as a regional account. • Create field report based on students surrounding issues.
	SEC-3 Pr	**Collection mapping and Interpretatio n of climatic data**	• List down Climatic Data Sources, Instruments etc. • Create Climograph, Hythergraph, Ergograph, Windrose Diagram, Isotherm and Isohyet. • Illustrate about Weather Map.

SEM -VI	**DSE- IB** Th+Pr	**Disaster Management**	• Classify hazard and disasters. • Assess risk & vulnerability of different hazards. • Know about the processes of preparedness, capacity building. • Prepare hazard map. • Aware about the factors, vulnerability & consequences of earthquake, landslide, cyclone & fire & also know how to manage these hazards. • Prepare project report on Hazards.
	SEC -4 Pr	**Rocks & Minerals & their Megascopic Identification**	• Differentiate rocks & minerals. • Aware about the process of collection & preservation of rocks & minerals. • Know the characteristics of rocks & minerals. • Identify rocks & minerals.

PROGRAM OUTCOMES

Upon completion of above Semesters students will be able to demonstrate the following-

1. Have a working knowledge of the discipline's diverse conceptual & methodological approaches.
2. Explain the relationship between nature & society & analyze the pattern of human habitation.
3. Aware about hazard & disasters, able to acquire management skills of disasters.
4. Understand functioning of global economics, regional development & disparity.

5. Develop sustainable approach to conserve natural system & maintain ecological balance.
6. Train in map making techniques & cartography & Carry out field survey & prepare report.
7. Finally apply geographical knowledge in day to day life.