

Course Outcome P G Semester I

Paper: M 101: Geomorphology

- CO1:** Understand the nature, evolution, and history of landforms.
- CO2:** Comprehend the mechanisms of geomorphological processes.
- CO3:** Assess the impact of anthropogenic activities on geomorphological process and vice versa.
- CO4:** Demonstrate knowledge of environmental management and landscape conservation.

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Paper: M 102: Climatology and Oceanography

- CO1:** Understand various climatic attributes and issues.
- CO2:** Identify the characteristics and importance of various climatic phenomena.
- CO3:** Critically analyse changing climatic patterns and their impact on environment.
- CO4:** Demonstrate knowledge regarding configuration of ocean bottom.
- CO5:** Describe the evolution of tides, coral reefs and oceanic deposits.

Paper: M 103: History of Geographical Thought

- CO1:** Understand the philosophical dimension of geographical studies.
- CO2:** Explain the chronology of evolution of geography.
- CO3:** Recall the contribution of eminent geographers in the development of the subject.
- CO4:** Evaluate geographical concepts.

Paper: M 104: Representation and analysis of Geographical Data

- CO1:** Acquire and apply analytical methods to geographical analyses.
- CO2:** Apply various statistical methods to represent different types of data.
- CO3:** Analyse geographical data with the aid of cartographic tools.

Course Outcome P G Semester II

Paper: M 201: Regional Planning and Rural development

- CO1:** To acquaint pupils with concept, relevance and techniques of regional planning.
- CO2:** To understand the nature of rural issues and relevance of the area based specific development programmes.
- CO3:** To critically analyse government sponsored regional development programmes.
- CO4:** To acquire the knowledge regarding rural administrative structure and rural development.
- CO5:** to comprehend the philosophical approach of rural development.

Paper: M 202: Environment and Disaster Management

- CO1:** To acquaint students with various phenomena of environment and ecosystem.
- CO2:** To identify prevalent environmental issues and their management.
- CO3:** To understand the role of national and global agencies working for environmental protection and management.
- CO4:** To demonstrate knowledge of natural and manmade disasters and its management.

Paper: M 203: Resource and Economic Geography

- CO1:** To acquaints with concept of Resource and Economic Geography.
- CO2:** To critically analyse distribution, utilization, conservation and management of biotic and abiotic resources.
- CO3:** To understand different geographical models.
- CO4:** To analyse different economic pursuits practiced across the world.
- CO5:** To comprehend export and import activities and reflects how changing global trade pattern affects economies of different countries.

Paper: M 204: Geography of India

- CO1:** Examine physical, economic and social geographies of India.
- CO2:** Appraise distribution, utilization, conservation and management of biotic and abiotic resources.
- CO3:** Examine economic policies in the context of development in India.
- CO4:** Identify and interpret socio-cultural, demographic, linguistic and ethnic diversity in the country.

Paper: M 205: Cartographic Techniques

CO1: Apply cartographic techniques for diagrammatic representation of relief and interpret the same.

CO2: Construct Map projections.

CO3: Interpret aerial photographs and imagery.

CO4: Draw cross-sections and interpret geological maps.

Course Outcome P G Semester III

Paper: M 301: Quantitative Techniques and Research Methodology

CO1: Define quantitative techniques as tools of geographical research.

CO2: Identify research methods and design.

CO3: Explain techniques of data collection, processing and analysis.

CO4: Describe methods of validation of research hypothesis.

CO5: Determine appropriate statistical techniques and models to research problems.

Paper: M 302: Remote Sensing and Geographical Information System

CO1: Describe techniques of remote sensing.

CO2: Classify hardware used in remote sensing.

CO3: Elaborate relevance and application of remote sensing in geographical studies.

CO4: Define Geographical Information System and its application.

CO5: Understand and interpret satellite imagery and ariel photographs.

Paper: M 303: Human and Social Geography

CO1: Explain principles of Human and Social Geography.

CO2: Identify demographic, social, rural, urban, racial, religious and linguistic attributes.

CO3: Classify drivers of social change and institutions influences.

Paper: M 304: Land Use and Agricultural Geography

CO1: Describe evolution of land use and classify land use types.

CO2: Critically analyse models of land use.

CO3: Evaluate the importance and relevance of land use planning.

CO4: Appraise techniques of quantification of various agricultural attributes.

CO5: Assess agricultural practices, polices, initiatives and issues.

Paper: M 305: Instrumental Surveying. GIS and GPS

CO1: Implement instrumental survey for construction of ground plans/maps.

CO2: Apply GIS techniques and analysis.

Course Outcome
P G Semester IV
Paper: M 401 C: Population Geography

CO1: Define Population Geography, its scope and approaches.

CO2: Understand quantitative and qualitative dimensions of human resource.

CO3: Classify demographic attributes and methods of quantification.

CO4: Comprehend various demographic attributes and models of population growth.

CO5: Analyse migration and its characteristics.

Paper: M 402: Dissertation/ Project Work

CO1: Description of research techniques Undertake various methods and techniques of field surveying.

CO2: Understand methods of data collection, input organization, analysis and report preparation.

CO3: Description of research techniques