M. A. / M. Sc. In GEOGRAPHY

1. Programme Outcomes:

I. Students will develop the ethical aptitudes and dispositions necessary to acquire and hold leadership positions in industry, government and professional organizations.

II. Students will be able to synthesize geographic knowledge and apply innovative research strategies to solve problems in resource conservation, environmental change and sustainable development within the community, region and world.

2. Programme Specific Outcomes:

I. Students will acquire an understanding of and appreciation for the relationship between geography and culture.

II. Students will have a general understanding of physical geographic processes, the global distribution of landforms and ecosystems and the role of the physical environment on human populations.

III. Students will be able to think in spatial terms to explain what has occurred in the past as well as geographic principles to understand the present and plan for future.

3. Career Scope:

There is a growing demand of the subject both in public and private spheres. The course is designed in such a way that it helps to gain a wide variety of employment opportunities in government sector, private sector, NGOs, international organizations, consultancy, national / multinational firms, academics and researches, gas exploration companies, environment protection agencies, town and country planning, application areas of GIS and Remote Sensing, pollution control boards, disaster management, forestry, agriculture, water resource management, rural & urban development, tourism, biodiversity & wildlife management, disaster management, etc. The job types are agricultural specialist, cartographer, field surveyor, demographer, forest manager, geographer, GIS and Remote Sensing specialist, regional and urban planner etc.

Course Content:

SEMESTER I	MGE 101: Fundamentals of Geomorphology
	MGE 102: Geographical Thoughts
	MGE 103: Regional Geography: India and NE India
	MGE 104: Introduction to Environment and Ecology (FC)
	MGE 105: Cartographic Techniques-I (Practical)
SEMESTER II	MGE 201: Climatology and Oceanography
	MGE 202: Socio - Cultural and Political Geography
	MGE 203: Geography of Rural and Urban Development
	MGE 204: Fundamentals of Cartography (FC)
	MGE 205: Cartographic Techniques-II (Practical)
SEMESTER III	MGE 301: Research Methodology
	MGE 302: Quantitative Techniques
	MGE 303: Fundamentals of Geoinformatics
	MGE 304A: Regional Planning: Principles, Concepts and Theories
	MGE 304B: Hazards and Disaster Management: Basic Concepts
	MGE 304C: Geoinformatics: Principles and Techniques of Remote Sensing
	MGE 305: Geoinformatics (General) Practical
	MGE 306: Northeast India: Land, People and Culture (MDC I)
SEMESTER IV	MGE 401: Geography of Economic Activities
	MGE 402A: Regional Planning: Practices in India and Selected Countries
	MGE 402B: Hazards and Disaster Management: Preparedness and Mitigation
	MGE 402C: Geoinformatics: Principles and Techniques of GIS and GPS
	MGE 403A: Regional Planning: Rural and Urban Development Planning in India
	MGE 403B: Hazards and Disaster Management: Issues and Policies
	MGE 403C: Geoinformatics: Applications in Major Areas
	MGE 404A: Regional Planning (Practical)
	MGE 404B: Hazards and Disaster Management (Practical)
	MGE 404C: Geoinformatics (Practical)
	MGE 405: Dissertation