

# Department of Geography

## Cross-Cutting Issues (Syllabus)

### Environmental Issues

#### **Course: Environmental Geography (GEOGP 202)**

- ✓ Definition and Scope of Environmental Geography Meaning and Components of Environment Ecosystem – Concept, components and Functions
- ✓ Human-Environment Relationship Environmental Determinism and Possibilism, Biomes- Definition, Mountain and Desert Regions
- ✓ Environmental Problems: Air and water Pollution, Their Causes, Impacts and Management, Biodiversity Loss
- ✓ Environmental Management Initiatives in India Environmental Protection Act, 1982, Environmental Policy of India(2006), Chipko Movement

#### **Course: Disaster Management (GEOGP 304-DSE-1)**

- ✓ Definition and Concepts.: Hazards, Risk, Vulnerability and Disasters
- ✓ Causes, Impact, Distribution: Landslide, Earthquake, and Cyclone
- ✓ Causes, Impact, Distribution: Forest Fire, Road Accidents
- ✓ Mitigation and Preparedness, NDMA and NIDM Community Based Disaster Management Do's and Don'ts During Disasters

#### **Course: Disaster Risk Reduction (GEOGP 305-GE-1)**

- ✓ Hazards, Risk, Vulnerability and Disasters: Definition and Concept.
- ✓ Disasters in India: Causes, Impact and Distribution of Flood and Flash Flood, Earthquake and Cyclone
- ✓ Human Induced Disasters: Causes, Impact, Distribution and Mapping
- ✓ Disaster Risk Reduction: Mitigation and Preparedness NDMA and NIDM Community-Based Disaster Management Do's and Don'ts During Disasters

### Sustainable Development

#### **Course: Sustainability and Development (GEOGP 306-GE-2)**

- ✓ Sustainability: Concept, Components
- ✓ The Millennium Development Goals: National Strategies and International Experiences Sustainable Development: Need and its realization in Indian context
- ✓ Inclusive Development: Education, Health Role of higher education in achieving sustainability Policies and Global Cooperation for Climate Change
- ✓ Sustainable Development Policies and Programmes: Rio+20, Financing for Sustainable Development; National Environmental Policy