

Syllabus for Disaster Studies (PGQP61)

- Constitution, Fundamentals of Indian Legal system, Fundamentals of Governance, International Legal Developments, Laws related to Disasters, Human Rights and Sustainable Development Goals (SDGs).
- Social Science Perspectives of Disasters, Definition, Concepts and Theories around the key terms in disaster studies (Understanding of Disaster, Risk, Hazard, Vulnerability, Resilience).
- Development and Disasters, Geography of Disasters and GIS Applications (Regional Imbalance, Health Issues, Fragile areas and Critically Endangered Zones).
- Computer, Information and Communication Technologies, Artificial Intelligence, Database Systems (Application of modern scientific tools in early warning systems, relief, rehabilitation and appropriate measurement of damages and losses).
- Health in Emergencies and Disasters, Trauma and Stress Management (Mental health and psychosocial care in disasters), First Aid and Emergency Procedures, Chemical, Biological, Radiological and Nuclear (CBRN) disasters, Pandemics, Occupational health and safety.
- Ecology and Environment (Dams, Pollution, Climate Change, Effluent Discharges, Human Consumption as cause of environmental destruction and increased vulnerability of ecosystems).