

Vidhyashram Institute of Teacher's Training, Jodhpur

Awareness Course In DISASTER MANAGEMENT

SYLLABUS

Course Hours: 4 hrs/week

Course Duration: 30 Hours

Objective: This Certificate Course in Disaster Management is designed to impart domain knowledge, values, capacities and skills to provide basic conceptual understanding of different types of Natural & Man-made disasters.

1. Demonstrate a critical understanding of key concepts in disaster risk reduction and Humanitarian response.
2. To build skills to respond to disaster.
3. Recognize issues, debates and challenges arising from the nexus between paradigm of Development and disasters.
4. Understand and appreciate the specific contributions of the International/ National/ State Red Cross and Red Crescent Movement to the practice and conceptual understanding of disaster Management and humanitarian response and their significance in the current context.
5. Critically evaluate disaster risk reduction and humanitarian response policy and practice from multiple perspectives.
6. Develop an understanding of standards of humanitarian response and practical relevance in specific types of disasters and conflict situations.
7. Critically understand the strengths and weaknesses of disaster management approaches, planning and programming in different countries, particularly their home Country or the countries they work in.

Unit: I Definition and types of disaster:

Hazards and Disasters, Risk and Vulnerability in Disasters, Natural and Man-made disasters, earthquakes, floods drought, landside, land subsidence, cyclones, volcanoes, tsunami, avalanches, global climate extremes. Man-made disasters: Terrorism, gas and radiations leaks, toxic waste disposal, oil spills, forest fires.

Unit: II Study of Important disasters:

Earthquakes and its types, magnitude and intensity, seismic zones of India, major fault systems of India plate, flood types and its management, drought types and its management, landside and its managements case studies of disasters in Sikkim (e.g.) Earthquakes, Landside). Social Economics and Environmental impact of disasters.

Unit: III Mitigation and Management techniques of Disaster:

Basic principles of disasters management, Disaster Management cycle, Disaster management policy, National and State Bodies for Disaster Management, Early Warning Systems, Building design and construction in highly seismic zones, retrofitting of buildings.

Unit IV Training, awareness program and project on disaster management:

Training and drills for disaster preparedness, Awareness generation program, Usages of GIS and Remote sensing techniques in disaster management, Mini project on disaster risk assessment and preparedness for disasters with reference to disasters in Sikkim and its surrounding areas.
