



Name of the Module: Disaster Management

Contact:

Weekly Course Coverage Schedule

- **Objectives and outcomes**

This module has been designed for learners who are interested in understanding Disaster Management and also want to take it to next level as societal product. The objective of this module is to provide fundamental understanding of Hazard, Vulnerability, Risk and Disaster and also equip the learners with analytical skills of planning, organizing and decision making process in disaster risk reduction. This module intends to develop critical appreciation and impart effective holistic cross-sectoral and cross-disciplinary skills of disaster management cycle: response, recovery, mitigation and preparedness to address the severity and complexity of extreme events. After the successful completion of this module the learners will be able to inspire disaster prone societies how to saves lives and suffering during a disaster. The learners are also able to identify opportunities in disaster management department of government agencies, relief agencies, insurance companies and industries in high risk fields.

- **Course Type**

Skill based, value-added and non-credit course

- **Duration**

3 months / 12 weeks

- **Fees**

₹ 500/- only

- **Pedagogy**

Online (Moodle based, LMS driven, Smart eLearning platform). Learners can access the contents of the subsequent weeks only after successful completion of the contents of the preceding week after 1st week. Limited live virtual classes and local counselling sessions will also be held. Digital certificates are to be provided to the learners after successful completion. No mark sheet or grade sheets are to be provided.

- **Evaluation**

Weekly online quiz test – Successful completion of one week’s quiz will unlock the course content for the next week.

- **Term end evaluation** – Will be conducted at the last (ideally the 12th week) which might include components like written test, presentations, seminar, case analysis, viva-voce etc. Successful completion of both the above will lead to certification.

- **Study Resources**

Soft copies of the Self Learning Materials, case studies and audio / video lectures.

- **Eligibility Criteria**

+2 pass (in any discipline)

- **Course Content**

The course is divided into four blocks and each block has three units. Please find the detailed curriculum below:

Block-1		Introduction to Disaster Management
Week-01		Introduction to the course • Understanding the objective and the outcomes of the module. • Understanding the evaluation mechanism
Week-02	Unit-1	Introduction to Disaster Management (Meaning, Nature, Importance, Dimensions and Scope of Disaster Management, difference between Disaster, Hazard, and Vulnerability, Disaster Management Cycle)
Week-03	Unit-2	Natural Disasters (Floods, Droughts, Earthquakes, Tsunami ,Landslide ,Avalanche ,Volcanic Eruption ,Mud Flow)
Block-02		Disaster Preparedness, Response, Rescue and Evacuation
Week-04	Unit-3	Disaster preparedness : Concept, significance and measures
Week-05	Unit-4	Disaster Response Plan (Communication, Participation, and Activation of Emergency Preparedness Plan)
Week-06	Unit-5	Search, Rescue, Evacuation and Logistic Management (Features of Search & Rescue Operations (SAR), Advance Preparedness for Search and Rescue, Role of UNDAC Team in Evacuation, Clearance of debris and disposal of dead)
Block-3		ICT and Institutional Framework in Disaster Management
Week-07	Unit-6	ICT in Disaster Management Advanced Technologies for Early Warning System (Emergency Communication System, Wireless Communication, Bluetooth Wireless Technology, HAM Radio, GPS Application in Emergency Communication, Remote Sensing and GIS Application in

		Warning System, Cyclone Early Warning System in India, Tsunami Early Warning System in India)
Week-08	Unit-7	Institutional Mechanism for Disaster Preparedness (Institutional Mechanism at National Level, Institutional Mechanism at State Level, Institutional Mechanism at District Level, International Bodies Involved in Disaster Management)
Block-4		Recovery, Rehabilitation and Case Study of Disaster Management
Week-9	Unit-8	SPEEDY RECOVERY (Concept Speedy Recovery, Linking Recovery with safe development, Creation of Long-term job opportunities)
Week-10	Unit-9	Role of Different Organisations in Rehabilitation (The Government task for disaster recovery and rehabilitation, Non-Governmental Efforts, Role Of Local Institutions; Insurance, Police, Media)
Week-11	Unit-10	Case Studies in Disaster Management (Super Cyclone 1999, Phailin and HudHud Flood and Drought conditions in Odisha, Fire at Sum Hospital, Bhubaneswar)
Week 12		Evaluation Feedback