





# VIDYASAGAR UNIVERSITY

## Office of the Secretary, Council for Undergraduate Studies

Midnapore – 721102, Paschim Medinipur, West Bengal.

### Amended syllabus of DISASTER MANAGEMENT (VAC-02)

Course Code	Course Title	Credit	L-T-P	CA	ESE	TOTAL
VAC02	Disaster Management	4	4-0-0	10	40	50

#### Course contents:

##### Unit -1: Introduction to Disaster: Disaster:

- Concepts and definitions (Disaster, Hazards, Vulnerability, Resilience, Risks).
- Parameters of Disaster Risks. Levels of disasters as per national guideline.
- Brief explanation of some frequently occurring natural disasters in India.

##### Unit -2: Impacts of disasters:

Impacts of disasters (including social, economic, political, environmental, health, psychosocial, etc.).

Hazards, Response time, frequencies, forewarning, exposure time of different hazards.

Common approaches to study natural and manmade hazards; vulnerability and disasters.

##### Unit -3: Disaster Management:

Aims of disaster management. Principles and component of disaster management. Dimension of natural and anthropogenic disaster.

##### Unit- 4: Consequences of disaster:

Causes and consequences of hazards-physical, economic, cultural. Repercussion of disasters and hazards,

Economic damage. Loss of human and animal life. Destruction of Ecosystem.

##### Unit -5: Global perspectives:

- Natural disaster - Study of environmental impacts induced by human activity. Causes, impact, consequences, trends understanding of: Earthquake, cyclones, floods, landslides and avalanches.
- Man-made disasters: Biological disasters, nuclear disasters, building fire, cold fire, forest fire, air pollution, water pollution, industrial pollution, oil slicks and spills, out- break of disease and epidemic, war and conflicts.

#### Suggested Readings

1. Disaster Management Guidelines, GOI-UND Disaster Risk Program (2009-2012)
2. Damon, P. Copola, (2006) Introduction to International Disaster Management, Butterworth Heineman.
3. Gupta A.K., Niar S.S and Chatterjee S. (2013) Disaster management and Risk Reduction, Role of Environmental Knowledge, Narosa Publishing House, Delhi.
4. Murthy D.B.N. (2012) Disaster Management, Deep and Deep Publication PVT. Ltd. New Delhi.
5. Modh S. (2010) Managing Natural Disasters, Mac Millan publishers India LTD.

