

# **VIDYASAGAR UNIVERSITY**

## Office of the Secretary, Council for Undergraduate Studies

Midnapore – 721102, Paschim Medinipur, West Bengal.

Ref. No. VU/UG/ 48(2)/2024

Dated: 23.08.2024

To The Principal/TIC/OIC(s) All the affiliated Colleges under Vidyasagar University

#### Reg.- Amendment in syllabus of VAC-02 'Disaster Management' under CCFUP (NEP)

Sir / Madam,

This for information of all concerned that some **amendments in syllabus of Value Added Course (VAC)-02** *'Disaster Management'* **under CCFUP (NEP), 2023-24** have been incorporated with immediate effect. The amended syllabus of *Disaster Management* is enclosed herewith. The amended syllabus shall also be uploaded to the University website.

Thanking you with regards,

Sd/-

Secretary UG Council

#### Copy forwarded to:

- 1. The Chairperson, UG BOS in Disaster Management
- 2. The Controller of Examinations
- 3. The Inspector of Colleges

Secretary

UG Council Secretary U. G. Council VIDYASAGAR UNIVERSITY



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### 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.

