

CLUSTER UNIVERSITY OF JAMMU

SYLLABUS – SEMESTER – 3rd – B.Ed.

(GENERIC COURSE - THEORY)

(EXAMINATION TO BE HELD IN 2024, 2025 AND 2026)

TITLE: DISASTER MANAGEMENT

COURSE CODE: 0EVSGENE01

CREDITS: 04

DURATION OF EXAMINATION

TOTAL: 100 Marks

MINOR TEST: 01 Hour

MINOR TEST: 40 Marks

MAJOR TEST: 03 Hours

MAJOR TEST: 60 Marks

Enable pupil teachers:

- To have basic conceptual understanding of disasters.
- To understand the relationship between vulnerability, disasters, disaster prevention and risk reduction.
- To induce knowledge to create appropriate planning, preparation and response for emergency treatment in disaster situation.
- To promote disaster risk management institutional processes in India.
- To develop skills in response to disasters.

Unit-I: INTRODUCTION TO DISASTERS

- 1.1 Meaning, characteristics, causes and general effects of disasters.
- 1.2 A global view of disasters.
- 1.3 Disaster profile of India with special reference to J&K.

Unit-II: UNDERSTANDING NATURAL DISASTERS: THEIR PREPAREDNESS AND MITIGATION

- 2.1 Geological disasters; Earthquakes, tsunamis, landslides, avalanches, volcanic eruptions
- 2.2 Hydrological disasters: Floods, flash floods, droughts

- 2.3 Wind-related disasters: Cyclones, sand storm, storm surge.

Unit-III: UNDERSTANDING MAN – MADE DISASTERS: THEIR PREVENTION AND CONTROL

- 3.1 Manmade Disasters: Nuclear and Industrial disasters.
- 3.2 Environmental Disasters: Global warming, climate change and Pollution Disasters
- 3.3 Pandemics and epidemics.

Unit-IV: DISASTER MANGEMENT

- 4.1 The Disaster Management Cycle
- 4.2 Disaster Management Act-2005; Disaster Management Policy (2009)
- 4.3** Framework for Disaster Management in India

Unit-V: IMPORTANT AGENCIES FOR DISASTER MANAGEMENT

- 5.1 Role of IT, Remote Sensing and GIS
- 5.2 Role of Education, Communication and Training
- 5.3 Role of Government, International and NGO bodies.

Sessional Work: A candidate is required to undertake the following activities as part of the sessional work and prepare a practical notebook of the same.

1. A mock drill by the Civil Defense & SDRF (State Disaster Response Force) to acquaint the students regarding the rescue and response operations in disasters management.
2. Visit to Jammu Municipal Corporation in order to learn and document the waste management practices in the UT of J&K.
3. Preparation of a sample First Aid Kit.

Reference Books:

1. Environmental Science: S.C Santra
2. Perspectives of Environmental Sciences: Kaushik & Kaushik
3. Disaster Management : G.K Ghosh
4. Disaster Management : S.K Singh
5. Disaster Mitigation : Experiences and reflections- Pradeep Kumar