

Title of Vocational Programme: **Disaster Management**

Faculty: Art

Department: **Geography**

Broad Area / Subject/Subjects: **Disaster Management** **VOC112**

Course Learning Outcomes:

Students will be able to understand

- Basic understanding of Disaster Management.
- This course shall introduce the basic concepts related to disaster Management.
- Student will be able to prepare SOP's and Disaster Management Plans.

This paper shall help in understanding Global effort in field of disaster management.

Credits: 3

Programme: Vocational

Max. Marks: 100

Min. Passing Marks: 33

Department Name: Geography

Course Code: (For College use)

Duration of Programme: 2 SEM

Total No. of Lectures-Tutorials-Practical (in hours per week): 4/W

SEM 1	Unit	Topics	No. of Lectures
	I (Theory)	Disasters, Hazards, Risk, Vulnerability, Type of Disasters, Disaster Management, Disaster Management Cycle Mitigation and Preparedness, NDMA, NIDM and SDMA. Community-Based Disaster Management	15
	II (Practical)	Evacuation plan for Earthquake and Fire. Mock Drill for Earthquake and Fire. Preparation of SOP for Lightning and Snake Bight.	30
SEM 2	Unit	Topics	No. of Lectures
	I (Theory)	Flood, Drought, Cyclone. Do's and Don'ts During Disasters. Earthquake, Tsunami, Landslide, Chemical and Nuclear Disasters. Do's and Don'ts During Disasters. SDG, Sendai Framework, COP21 and Prime Minister Point Agenda.	15
	II (Practical)	Preparation of School/College safety Plan, Preparation of Village/Block/District Disaster Management Plan.	30

### Suggested Readings:

1. Anand, Rajesh; Jana, N.C. Sudhir Singh (2009) Disaster management and sustainable development, Pentagon Press
2. Bansal SC,(2019) Prayavarn ek adhyan, Meenakshi Publication, Meerut.
3. Bansal SC,(2020) Jalvayu vigyan evam Samudra Vigyan, Meenakshi Publication, Meerut.
4. Climate Change and Vulnerability: Physical Vulnerability; Economic Vulnerability; Social Vulnerability.
5. Government of India. (2008). Vulnerability Atlas of India. New Delhi, India: Building Materials & Technology Promotion Council, Ministry of Urban Development, Government of India
6. Government of India. (2011). Disaster Management in India. Delhi, India: Ministry of Home Affairs.
7. Kapur, A. (2010). Vulnerable India: A Geographical Study of Disasters. Delhi, India: Sage Publication.
8. Larry R. Collins (2002) Disaster Management and Preparedness, CRC Press.
9. Madu, C. N., Kuei, C.-hua. (2008) Handbook of disaster risk reduction & management, World Scientific Publishing Company.
10. Modh, S. (2010). Managing Natural Disaster: Hydrological, Marine and Geological Disasters. Delhi, India: Macmillan.
11. Ramkumar, M. (2009). Geological Hazards: Causes, Consequences and Methods of Containment. New Delhi, India: New India Publishing Agency.
12. Singh, R.B. (1993) Environmental Geography. Delhi, India: Heritage Publishers.
13. Singh, Savendra (2019) Apada Prabandhan, Pravalika Publication, Allahabad.
14. Singh, Savendra (2019) Prayavarn Bhugol, Pravalika Publication, Allahabad
15. The Climate Change Policy Framework: Global Initiatives UNFCCC and COPs; National and Local Action Plan on Climate Change.
16. UNEP. (2007). Global Environment Outlook: GEO4: Environment For Development, United Nations Environment Programme. UK: University Press, Cambridge.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz( MCQ) / Seminar/Presenatations

Eligibility (Subject specific): Open for All

Suggested equivalent online courses:

1. Swayam Portal Course: Urban Disaster Risk Mitigation & Climate Resilient  
[https://onlinecourses.swayam2.ac.in/cec20\\_ge35/preview](https://onlinecourses.swayam2.ac.in/cec20_ge35/preview)