

VAC-4			
Session: 2023-24			
Part A - Introduction			
Subject	Geography		
Semester	IV		
Name of the Course	Disaster Management		
Course Code	B23-VAC-415		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/ DSE/PC/AEC/VAC)	VAC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLOs):	After completing this course, the learner will be able: 1. understand the meaning of hazard and disaster and its approaches and classification. 2. acquire knowledge about various fundamental concepts of hazard and disaster including technological interventions in the field. 3. develop an awareness regarding management of common hydrological disasters occurring in and around. 4. develop an understanding about the consequences and management of frequently occurring man-made hazards. 5* NA		
	Theory	Practical	Total
	2	0	2
Contact Hours	2	0	2
Max. Marks: 50 Internal Assessment Marks: 15 = 15 End Term Exam Marks: 35= 35		Time: 03 Hours	
Part B- Contents of the Course			

<u>Instructions for Paper- Setter</u>		
Question 1 is compulsory comprising of seven sub parts spread over entire syllabus (one mark for each sub part), to be answered in 10-15 words. There will be eight long questions, two from each unit. The candidate has to answer four long questions, at least one question from each unit. All questions carry equal marks.		
Unit	Topics	Contact Hours
I	1. Natural hazards and disasters: definition and approaches of study; classification of disasters.	3
	2. Disaster profile of India and world.	4
II	3. Concepts of disaster vulnerability and mitigation.	3
	4. Preventive measures and preparedness for disasters.	4
III	5. Flood: factors, vulnerability, consequences and management.	4
	6. Drought: Definition, nature, mitigation measures and management.	4
IV	7. Industrial disasters: major industrial disasters and their causes and consequences.	4
	8. Epidemics: Causes and consequences, Covid-19 a case study.	4
V*	NA	
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory • Class Participation: 04 Marks • Seminar/presentation/assignment/quiz/class test etc.: 04 Marks • Mid-Term Exam: 07Marks ➤ Practicum • Class Participation: NIL • Seminar/Demonstration/Viva-voce/Lab records etc.: NIL • Mid-Term Exam: NIL		End Term Examination: 35 Marks NIL
Part C-Learning Resources		

Recommended Books/e-resources/LMS:

1. Coch, NK (1994) Geohazards: Natural and Human, Pearson, New Delhi.
2. Cutter, SL (2006) Hazards Vulnerability and Environmental Justice, Routledge, London.
3. Gupta, HK (2013) Disaster Management, University Press, New Delhi.
4. Kapur, A (2010) Vulnerable India: A Geographical Study of Disasters, Sage Publication, New Delhi.
5. Modh, S (2010) Managing Natural Disaster: Hydrological, Marine and Geological Disasters, Macmillan, New Delhi.
6. Pine, JC (2014) Hazards Analysis: Reducing the Impact of Disasters, CRC Press, New Delhi.
7. Sinha, A (2001) Disaster Management: Lessons Drawn and Strategies for Future, New United Press, New Delhi.
8. Smith, K (2013) Environmental Hazards: Assessing Risk and Reducing Disaster, Routledge, London.
9. Singh, RB (2006) Natural Hazards and Disaster Management: Vulnerability and Mitigation, Rawat Publications, New Delhi.
10. Singh, S (2000): Environmental Geography, Prayag Pustak Bhavan, Allahabad.
11. Stoltman, JP (2004) International Perspectives on Natural Disasters, Kluwer Academic Publications. Dordrecht.
12. Turk, J (1985) Introduction to Environmental Studies, Saunders Publications, Tokyo, Japan.

*Applicable for courses having practical component.