

As Per NEP 2020

University of Mumbai



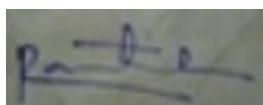
Syllabus for Basket of OE	
Board of Studies in GEOGRAPHY	
UG First Year Programme	
Semester - I	
Title of Paper -	Credits
I) Disaster Management and Mitigation	2
From the Academic Year	2024/2025

Sr. No.	Heading	Particulars
1	Description of the course : Including but not limited to :	Disaster Management and Mitigation The curriculum on "Disaster Management and Mitigation" is designed specifically for First Year Students. It aims to equip students with the essential knowledge and skills needed to understand, manage, and mitigate the impacts of disasters effectively. In an era characterized by increasing frequency and severity of natural and man-made disasters, understanding disaster management principles is not only relevant but also imperative. This curriculum empowers students to comprehend the diverse array of disasters, their underlying causes, and the profound impacts they exert on human societies and the environment. Moreover, it instils a proactive approach towards disaster preparedness, response, and recovery, fostering resilience in communities. The knowledge garnered from this curriculum finds wide-ranging applications across various sectors, including emergency management, humanitarian aid, urban planning, and public policy formulation. Students will develop critical thinking and decision-making skills essential for coordinating disaster response efforts, assessing vulnerability and risk, and implementing effective mitigation measures. Professionals well-versed in disaster management principles are in high demand across diverse sectors, including government agencies, non-governmental organizations, and international bodies. Graduates of this program can pursue rewarding careers as emergency managers, disaster recovery specialists, risk analysts, and policy advisors, among other roles. With the increasing emphasis on resilience-building and sustainable development, the demand for skilled professionals in disaster management is expected to continue to grow.
2	Vertical :	Open Elective
3	Type :	Theory
4	Credit:	2 credits (1 credit = 15 Hours for Theory)

5	Hours Allotted :	30 Hours
6	Marks Allotted:	50 Marks
7	Course Objectives: (List some of the course objectives) 1. To understand the concept, types, causes and effects of disaster and vulnerability. 2. To understand the concept of disaster management and its implementation. 3. To evaluate the role of different agencies in disaster management. 4. To develop abilities to implement disaster management and rehabilitation strategies.	
8	Course Outcomes: (List some of the course outcomes) On successful completion of this course, students will be able to: 1. Increase the knowledge and understanding of the disaster phenomenon. 2. Analyse the types, nature, causes and effects of disasters. 3. Critically evaluate the disaster management strategies. 4. Inculcate the skills and abilities of implementing disaster risk reduction strategies.	
9	Modules:- Per credit One module can be created	
	Module 1: Types of Disasters (8 Hours)	
	1. Concept and Types of Disaster 2. Earthquake, Tsunami 3. Floods and Drought	
	Module 2: Disaster Management (7 Hours)	
	1. Concept of Disaster Management 2. Disaster Management Cycle 3. Risk Assessment and Reduction Strategies	
	Module 3: Disaster Management Strategies (8 Hours)	
	1. Pre-disaster management 2. Relief and Response 3. Post-Disaster Management	
	Module 4: Awareness of Disaster Management (7 Hours)	
	1. Role of Education in Disaster Management 2. Role of Mass Media and NGOs in Disaster Management 3. Applications of GIS and Remote Sensing in Disaster Management	

10	Text Books: 1. Singh, Savindra (2023): Disaster Management, Pravalika, Allahabad 2. Dasgupta R. (2007): Disaster Management and Rehabilitation, Mittal Publications. New Delhi 3. Govt. Of India: Disaster Management in India, Ministry of Home Affairs, New Delhi 4. गोडबोले, मराठे: आपत्ती व्यवस्थापन संकल्पना, डायमंड पब्लिकेशन्स, पुणे. 5. पठारे संभाजी, अजय चाकाने: आपत्ती ब्रकरण, डायमंड पब्लिकेशन्स, पुणे. 6. मोरे जोतीराम, अजुन मुसमाडे: आपत्ती व्यवस्थापनाचा भूगोल, डायमंड पब्लिकेशन्स, पुणे.
11	Reference Books: 1. Coppola, D.P. (2011): Introduction to International Disaster Management. Elsevier, Butterworth- Heinemann 2. Jagbir Singh: Disaster Management: Future Challenges and Opportunities - K W Publishers Pvt. Ltd. 3. Murthy, D.B.N. (2008): Disaster Management, Deep & Deep Publications Pvt. Ltd., New Delhi 4. Tushar Bhattacharya: Disaster Science and Management - McGraw Hill Education (India) Pvt. Ltd. 5. Web sites and Web Resources: NIDM Publications at http://nidm.gov.in- Official Website of National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India http://cwc.gov.in, http://ekdrm.net, http://www.emdat.be, http://www.nws.noaa.gov, 6. http://pubs.usgs.gov, http://nidm.gov.in http://www.imd.gov.in, https://bhuvan-app1.nrsc.gov.in/bhuvandisaster/ 7. Post Graduate Diploma in Disaster Management - Programme Guide - IGNOU
12	Internal Continuous Assessment: 40% External, Semester End Examination: 60% Individual Passing in Internal and External Examination
13	Continuous Evaluation through: Quizzes, Class Tests, presentations, projects, role play, creative writing, assignments etc.(at least 3) Internal Continuous Assessment of 20 Marks 1. One Assignment/Project work/Case study /Presentation /Seminar /Field visit report/Book review etc. to be conducted in the given semester before the Semester end examination. (Marks – 10) 2. One online/ offline class test (Marks – 5) 3. Active participation in regular class instructional deliveries and fieldwork. & Overall conduct as a responsible learner, mannerism and articulation and exhibit of Semester-End Examination of 30 Marks 1. This examination shall be of 1 Hour duration. Maximum marks 30. 2. There shall be two questions each of 15 marks. 3. All questions shall be compulsory with internal choice within the questions. (Each question will be of 15 marks with options.)

	leadership qualities in organizing environment-related activities (Marks – 5)	
14	Format of Question Paper: for the final examination Q. 1. Based on Module – 1 & 2 (15 Marks) Q. 2. Based on Module – 3 & 4 (15 Marks)	



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Chairman**
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Name of the BOS

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Offg. Associate Dean**
Name of the Associate Dean
Name of the Faculty

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Offg. Dean**
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Name of the Faculty