

Pre-requisite:

Objective:

To equip learners with comprehensive knowledge of disaster management, encompassing its types, cycles, frameworks, and technological applications.

Learning Outcomes/Course Outcomes:

On successful completion of the course, the students will be able to:

CO1- Understand disaster types, classifications, and their impact on society.

CO2- Analyze disaster management cycles, frameworks, and policies in India

CO3- Apply pre-disaster planning, mitigation, and response strategies.

CO4- Evaluate post-disaster recovery, reconstruction, and technology applications

Mapping of PO-CO and PSO-CO:

Theory Syllabus

Unit	Content	Hrs
1	Introduction to Disaster Management Types and Classification of Disasters Biological and Technological Disasters Human-Made Disasters and Emerging Risks The Disaster Management Cycle	22
2	Pre-Disaster Planning and Mitigation During-Disaster Management and Response Post-Disaster Recovery, Reconstruction and Psychosocial Disaster Management Frameworks and Policies Disaster Management in India Applications of Science and Technology in Disaster Management	23
	Exam: Theory 100%. Swayam Exam OR Uni Exam	

Text Book:

	<ol style="list-style-type: none">1. National Disaster Management Authority (NDMA) - Publications on various templates and guidelines for disaster management.2. Bhandani, R.K. - An Overview on Natural and Man-Made Disasters and Their Reduction. CSIR, New Delhi.
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Reference Books:

Srivastava, H.N., & Gupta, G.D. - Management of Natural Disasters in Developing Countries. Daya Publishing House, Delhi.
Coppola, Damon P. - Introduction to International Disaster Management. Butterworth-Heinemann, Elsevier.

	<p>Sharma, Vinod K. - Disaster Management in India: Challenges and Strategies. Indian Institute of Public Administration, New Delhi. Coppola, D. P. (2020). Introduction to homeland security and emergency management. (5th ed.). Pearson Education.</p> <p>Kapoor, A. (2010). Disaster management. Global Vision Publishing House.</p> <p>McEntire, D. A. (2018). Disaster response and recovery. John Wiley & Sons.</p> <p>National Institute of Disaster Management. (Various years). India disaster report. Ministry of Home Affairs, Government of India.</p> <p>Haddow, G. D., Bullock, J. A., & Coppola, D. P. (2017). Introduction to emergency management. Jones & Bartlett Learning.</p>
Online Resource:	
	<p>Swayam Course (3 credit) in Jan Cycle (12 week) By Dr. M. Seenivasan by National Institute of Technical Teachers Training and Research, Chennai</p> <p>Disaster Management- By Dr. M. Seenivasan</p>
* Swayam portal Evaluation 30:70 is to be converted with 40:60 in proportion as per the Degree awarding rule.	