

Name of Faculty	:	Faculty of Science
Name of Program	:	Master of Science
Course Code	:	2MSF02
Course Title	:	Disaster Management
Type of Course	:	Professional Core
Year of Introduction	:	2023-24

Prerequisite	:	Knowledge about Disasters. Course Objective: The overall aim of this is to provide broad understanding about the basic concepts of Disaster Management.
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Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Understand the types of Disaster
	CO2	Application of Disaster management in Industry
	CO3	Apply the role of UN in Disaster.
	CO4	Remember Undro's role in Disaster relief and management.

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				Total Marks
				Theory Marks		Practical Marks		
L	T	P	C	SEE	CIA	SEE	CIA	
5	0	0	5	70	30	-	-	100

Legends: L-Lecture; T-Tutorial/Teacher Guided Theory Practice; P - Practical, C - Credit, SEE - Semester End Examination, CIA - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.)

Course Content

Unit No.	Topics	Teaching Hours	Weightage	Mapping With COs
1	Disaster & Types of Disaster, Disaster Management Cycle, Hazard Identification, and Vulnerability Analysis.	15	25%	CO1
2	Disaster Management in Industry, Consequence of Disaster, Tsunami.	15	25%	CO2
3	Urbanization and Disaster, Role of UN, Land Degradation.	15	25%	CO3

4	A) Anthropogenic Factors, Volcanic Eruptions, Disaster Management Bill-2005, Marine Pollution. B) Sources & Effects Of Marine Pollution, El Nino & Natural Disaster, Environmental Hazards & Disaster, Undro's Role In Disaster Relief & Mgmt, Stages Of Restoration Of Normalcy.	15	25%	CO4
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Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	25	25	50	-	-	-

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Suggested Learning Websites

Sr. No.	Name of Website
1	https://archive.nptel.ac.in/courses/105/102/105102176/

Reference Books

Sr. No.	Name of Reference Books
1	ILO, Geneva: Major Hazard Control-a Practical Manual.
2	UNEP, Paris: APELL- A Process for responding to technological accidents ,A Handbook, Industry & Environment Office. 1998
3	Accident Prevention Manual for Business and Industry, Vol. I-National Safety Council, USA.
4	Oils pill Response: The National Contingency Plan -Institute of Petroleum, London
5	Petak, W.J and At kisson, A.A.: Natural Hazard Risk Assessment and Public Policy : Anticipating the Unexpected