

Name of the Course: Certificate Course in Disaster Management

Educational Qualification: B.A. / B.Sc. / B. Com / M.A. /M.Sc./M. Com

Duration: Two Months

Maximum Marks: 50

Assessment: Assignment, MCQ and Project

Teaching Method: Theory and Practical

Course Medium: Marathi/English

Total Credits: 02

objectives

Course Objectives:

1. To introduce students to the foundational principles of geography as they apply to disaster management.
2. To examine the nature, causes, and impacts of various disasters.
3. To explore the role of geography in disaster management, focusing on hazard mapping, risk assessment, and emergency response planning.
4. To understand the environmental and societal impacts of disasters.
5. To investigate the roles of government agencies, non-governmental organizations (NGOs), and communities in disaster response and management.
6. To explore the psychological and emotional effects of disasters on individuals and communities.
7. To learn methods for assessing risks associated with different types of disasters.

Course Outcomes:

By the end of the course, students will be able to:

- CO1. Understand the basic concepts of geography related to disaster management.
- CO2. Analyze the relationship between physical geography and natural disasters.
- CO3. Explore the impact of human activities on natural disasters.
- CO4. Learn about local disaster and risk assessment.
- CO5. Understand the role of geospatial technologies in disaster management.
- CO6. Understand the role of government agencies, NGOs, and communities in disaster Management.
- CO7. Evaluate the Causes and impacts of disasters.



CONTENTS		
Unit	Name of the Topics	Periods
1	Introduction to Disaster Management	3
2	Understanding Natural and Man-Made Disasters	3
3	Disaster Preparedness and Response	3
4	Risk Assessment and Vulnerability Analysis	4
5	Rehabilitation, Reconstruction, and Recovery	2
6	Disaster Medical Management and Public Health	4
7	Disaster management in India	4
8	Role of RS and GIS in Disaster Management	5
9	Research Methods in Disaster Management	5
10	Project Work: (Field Work, Case Studies)	8

3) Mode of Exam:

- 1) Multiple choice question : 50% Mark (25 Marks)
 2) Practical : 50 % Marks (25 Marks)

4) Expected Fees: 500 per student

5) Total Credits : 2

