

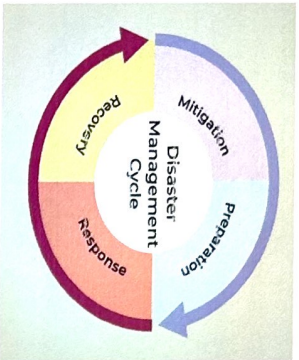
Shri Sharadchandraji Pawar Senior College, Narangwadi

Department of Geography

Certificate Course on Disaster Risk Management

Course Coordinator- U. G. Sonkamble

Commencement- 3 December 2018



Course Objectives

- To provide participants with a comprehensive understanding of the principles, concepts, and frameworks of disaster risk management
- To equip participants with the knowledge and skills necessary to identify, assess, and mitigate various types of disasters.
- To familiarize participants with the roles and responsibilities of different stakeholders in disaster risk management.
- To enhance participants' ability to develop effective disaster risk management plans and strategies.
- To promote collaboration and coordination among participants and stakeholders for effective disaster response and recovery efforts.

Course Syllabus

Module 1: Introduction to Disaster Risk Management

- Definitions and concepts
- Importance and relevance of disaster risk management
- Disaster risk reduction frameworks and approaches

Module 2: Understanding Disaster Risk

- Types of disasters: natural, man-made, biological, etc.
- Factors contributing to disaster risk
- Hazard, vulnerability, and exposure assessment

Module 3: Disaster Preparedness and Response

- Preparedness planning and capacity building
- Early warning systems and evacuation procedures
- Emergency response coordination and communication

Module 4: Disaster Risk Governance

- Role of government agencies, NGOs, and international organizations
- Legal and policy frameworks for disaster risk management
- Multi-stakeholder collaboration and coordination mechanisms

Module 5: Community-Based Disaster Risk Management

- Community participation and empowerment
- Vulnerability and capacity assessment at the community level
- Community-based early warning systems and resilience building

Module 6: Risk Assessment and Mapping

- Risk assessment methodologies
- Geographic Information Systems (GIS) and remote sensing in risk mapping
- Use of technology for risk assessment and monitoring

Module 7: Disaster Risk Reduction Strategies

- Structural and non-structural measures for risk reduction
- Land-use planning and zoning regulations
- Climate change adaptation and mitigation strategies

Module 8: Disaster Recovery and Rehabilitation

- Post-disaster needs assessment
- Reconstruction planning and implementation
- Livelihood restoration and social support systems

Module 9: Case Studies and Best Practices

- Analysis of real-world disaster events
- Lessons learned and best practices in disaster risk management
- Role of innovation and technology in disaster response and recovery

Module 10: Risk Communication and Public Awareness

- Effective communication strategies for risk awareness and education
- Public engagement and participation in disaster risk management
- Media's role in disaster communication

Course Outcomes

Upon completion of the course, participants will be able to:

- Understand the concepts, principles, and frameworks of disaster risk management.
- Identify, assess, and prioritize disaster risks in various contexts.
- Develop and implement effective disaster risk management plans and strategies.
- Collaborate with stakeholders to enhance disaster preparedness and response efforts.
- Apply knowledge and skills to contribute to building resilient communities and societies.

Course Duration

30 hours (36 sessions x 50 Minutes each)

This course will combine theoretical knowledge with practical exercises, case studies, and group discussions to ensure a comprehensive understanding of disaster risk management. Participants will have the opportunity to learn from experienced practitioners and engage in hands-on activities to enhance their skills in managing disaster risks effectively.