nidm
Resilient India - Disaster Free India

सत्यमेव जयते

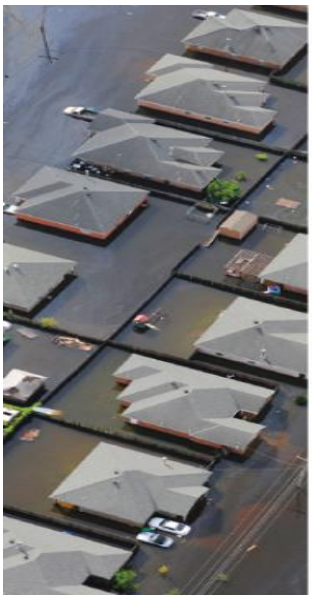
International Year of Cooperatives 2025
Cooperatives Build a Better World

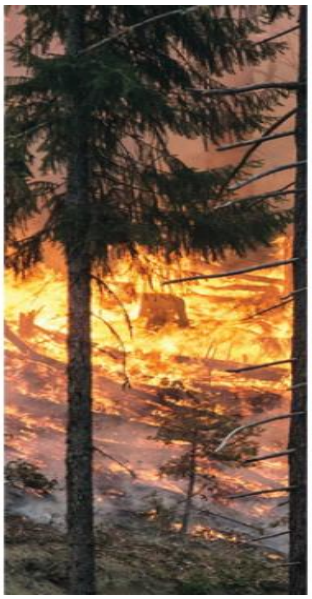
11th Comprehensive Course on Disaster Risk Management

Two-week Residential program
Date: 5th- 16th January, 2026

Venue: NIDM Headquarter, Rohini, Delhi

National Institute of Disaster Management (NIDM),
Ministry of Home Affairs, Government of India
Plot no. 15, Pocket- 3, Block- B
Sector- 29, Rohini, Delhi- 110042





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Concept Note

on

11th Comprehensive Course on Disaster Risk Management

Date: 05 – 16 January, 2026

Venue - NIDM, Rohini, Delhi

1. Introduction

India's unique geography and large population make it highly vulnerable to disasters. In recent decades, the frequency and intensity of both natural and anthropogenic disasters have significantly increased, posing critical threats to human life, infrastructure, and the environment. The country remains susceptible to many hazards, including floods, cyclones, earthquakes, droughts, landslides, and industrial accidents. This necessitates a strengthened focus on disaster preparedness, mitigation, response, and recovery across all sectors. Climate change is significantly amplifying the frequency and severity of disasters in India, increasing the country's vulnerability to extreme weather events. Rising temperatures have led to more frequent heat waves, erratic monsoon patterns, and intense rainfall, resulting in urban flooding in major cities. Coastal regions are witnessing rising sea levels and more intense cyclones due to warming oceans, leading to erosion, displacement, and infrastructure loss. In the Himalayas, rapid glacial melting is triggering flash floods, landslides, and glacial lake outburst floods. Agriculture is under threat from unseasonal rains and prolonged droughts, impacting food security and livelihoods. Additionally, the health of vulnerable populations is at risk due to a rise in vector-borne diseases. These changes demand urgent adoption of climate- and disaster-resilient strategies, including early warning systems, adaptive infrastructure, and community preparedness.

According to official reports, 27 of India's 36 States and Union Territories are disaster-prone. Approximately 58.6% of India's landmass is prone to earthquakes, 12% is vulnerable to floods, 5,700 km of the country's 7,516 km coastline is prone to cyclones and tsunamis, and 68% of cultivable land is drought-prone. Additionally, about 15% of the land area, mostly in hilly regions, is at risk of landslides (Source: NDMA, Annual Report, 2022–23). Over the past two and a half decades (2000–2025), India has faced numerous major disasters, resulting in significant loss of lives, economic losses and infrastructure damages.

Overview of Major Disaster Types and their Impacts in India (2000–2025)

Hazard Type	Events & Frequency	Fatalities (2000–2025)	Population Affected
Floods	17 events per year on average; increasingly frequent extreme rainfall events in recent years.	1,600 deaths per year on average (deadliest: 2013 Uttarakhand 6,054 deaths).	Millions affected yearly (7.5 million ha flooded annually; 345 million total affected 2000–2019).
Cyclones	Dozens of cyclonic storms, e.g., 41 cyclones (2012–2020). Peak season May–Nov (Bay of Bengal most active).	48% of disaster deaths (2000–19) were from cyclones, *though recent cyclones have lower death tolls* (e.g., 115 deaths in all 2020 cyclones). Historically high, but now often <100 per major cyclone due to evacuations.	Millions evacuated or affected per cyclone. E.g., Cyclone Amphan (2020) affected ~2.4 million people and destroyed 2.8 lakh houses (WB/Odisha) – with a massive humanitarian impact.
Earthquakes	Infrequent but severe. Major quakes: 2001 Bhuj (M7.7), 2005 Kashmir (M7.6), etc. Moderate quakes occur every few years in the Himalayan region.	Over 20,000 killed since 2000 (bulk from 2001 quake and 2004 tsunami). Quakes made up 33% of disaster deaths from 2000–2019.	Hundreds of thousands are displaced in major quakes. (2001: 600,000 homeless; 2004 tsunami: 650,000 displaced). Affected relatively fewer people vs. floods/droughts (localized impact zones).
Landslides	Seasonal/episodic events, esp. in monsoons. Dozens of significant landslides occur per year in vulnerable districts.	Typically, 200–400 deaths per year. Landslides and avalanches 2% of disaster deaths (except when coupled with floods, e.g., 2013).	Thousands are affected annually (mostly in hill communities). Individual large landslides can bury villages (e.g., 2013 Kedarnath, 2014 Malin).
Droughts	Major nationwide droughts in 2002, 2009, and 2015; localized droughts intermittently. Slow onset, often linked to monsoon failure or El Niño.	Direct deaths are negligible (droughts are "silent" disasters). Indirect impacts on health and livelihoods, though not counted as disaster fatalities.	**Largest population affected:** e.g., **300 million in the 2002** drought; tens of millions in other drought years. Causes mass distress, migration,and economic hardship in rural areas.

*(**Sources:** NDMA/IMD reports and statements; UNDRR report 2020; CWC flood data; World Bank analysis)*

2. Need

The rising frequency and severity of disasters, both natural and anthropogenic hazards, climate change, rapid urbanization, and environmental degradation have made communities more vulnerable and there is a need for a greater focus on disaster

preparedness and mitigation. Traditionally, the approach to disasters was reactive, focusing primarily on relief and rehabilitation. However, contemporary Disaster Risk Management emphasizes a proactive risk reduction, requiring trained officers to assess vulnerabilities, implement early warning systems, and educate communities to build resilience.

Moreover, managing disasters has become a complex and multidisciplinary task, involving coordination across sectors such as health, infrastructure, and the environment, as well as the use of advanced technology such as GIS and remote sensing etc. Many regions, especially in developing countries, lack sufficient human resources to effectively carry out these tasks, leading to gaps in preparedness and response. Additionally, global commitments like the Sendai Framework for DRR and the Sustainable Development Goals underscore the importance of strengthening institutional capacities. The trained cadre of professionals plays a critical role not only during emergencies but also in long-term recovery and development, ensuring that affected areas can rebuild in a safer and more sustainable manner. Considering these aspects, NIDM is proposing to organize a two-week "Comprehensive Training Course on Disaster Risk Management" at NIDM, Rohini Campus.

3. Aim of the Course

To build the knowledge and skills of participants for effectively understanding, assessing, and managing disaster risks through a multi-hazard, multi-sectoral and technology-integrated approach, thereby contributing to a resilient and disaster-prepared India.

4. Learning Objectives of the Course

- To enhance the knowledge on hazard, vulnerability and risk prevailing across India.
- To enhance the understanding of national and global disaster management frameworks.
- To promote mainstreaming of DRR into development planning and sectoral policies.
- To provide exposure to post-disaster recovery planning and the Build Back Better approach.
- To introduce financial risk reduction tools and insurance mechanisms.

5. Target Group

Entry to mid-level officials (Group A and B) from the central, state and local governments, such as SDMAs, ATIs, NDRF and SDRF, the Central Ministries/Departments, Universities/Institutions members under IUINDRR Network (NIDM's managed network), and others engaged with the disaster management field and involved in policymaking, governance, humanitarian aid, first response, etc., will make up the target group. Senior experts who work with other agencies and participate in related activities can also be invited.

6. Methodology

The methodology of the Two-Week Comprehensive Training Course on Disaster Risk Management is designed to provide a practical, participatory and immersive learning experience that aligns with national policies and international frameworks.

a) Blended Learning Approach: The course uses a blend of instructional strategies to provide theoretical grounding and practical understanding. These include:

- **Expert Lectures:** Delivered by domain experts, government officials, and academics on core topics in disaster risk management.
- **Panel Discussions:** Multi-stakeholder dialogues exploring challenges and innovations in DRM.
- **Case Study Analysis:** Focused on real-world examples such as the 2013 Uttarakhand floods, 2021 Rishiganga flash floods, and cyclone response efforts.

b) Experiential and Participatory Learning

- **Group Activities**: Simulations and role-playing exercises to encourage teamwork and real-time problem-solving.
- **Interactive Sessions:** Facilitated Q&A, scenario-based drills, and participatory brainstorming.
- **Hands-On Exercises:** Activities such as mock disaster response, field mapping, and disaster preparedness planning.

c) Technology-Enabled Training

- **Use of GIS, RS, and UAVs:** Training on risk assessment tools and hazard mapping.
- **Multimedia Tools:** Use of awareness films, documentaries, and digital content to enhance engagement and comprehension.

d) Field Exposure and Demonstrations

- **Field Visits:** To NDRF, IMD, NCS, RRSC - North.
- **Live Demonstrations:** Emergency response techniques (e.g., fire safety, search and rescue) conducted by professional services like the Delhi Fire Service.
- **Technology-based demos-** SACHET, NDEM, IDRN, NDMIS

e) Structured Module Progression

The programme is divided into 9 comprehensive modules, each building progressively on participants' understanding, from foundational concepts to specialized areas such as risk financing, post-disaster recovery, and cross-cutting issues such as health and gender.

f) Cross-Sectoral and Multi-Stakeholder Engagement

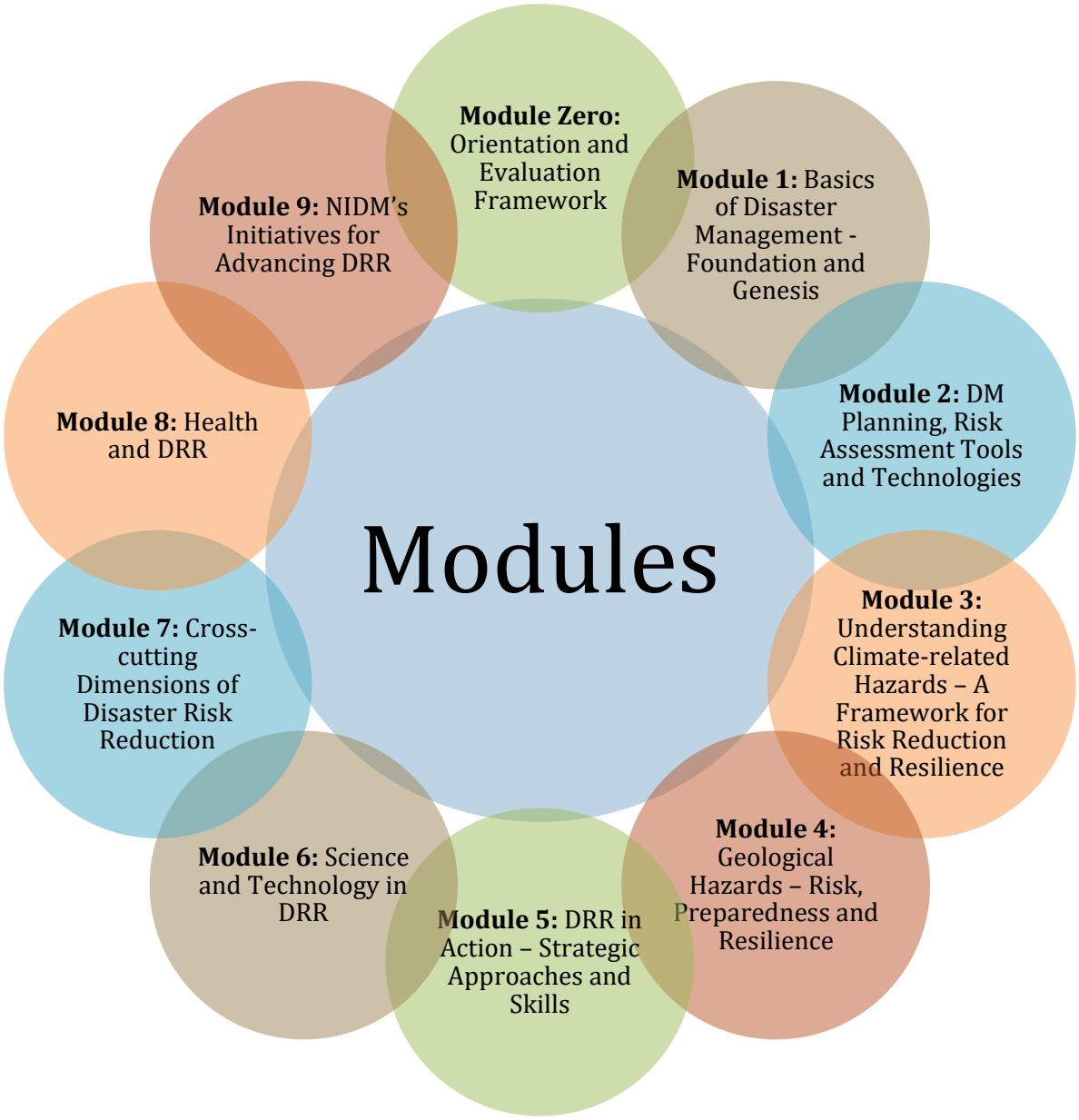
Participants interact with officials from Central and state governments, SDMAs, ATIs, NDRF, SDRF, civil society and academia, promoting peer learning and inter-institutional collaboration.

g) Evaluation and Feedback Mechanism

- Pre and Post-Training Assessments to measure knowledge acquisition.
- Daily Feedback Sessions to recalibrate teaching methods and address participant concerns.
- Final Review and Recommendations for sustaining and expanding DRM initiatives.

7. Structure of the Training Module

The comprehensive training programme is a two-week course divided into seven modules, each addressing a critical aspect of disaster risk management. It begins with Module Zero, which includes an ice-breaking session, orientation, and pre and post-training evaluations. The course is structured across ten interconnected modules, beginning with orientation and progressing through key areas such as disaster management fundamentals, planning and risk assessment tools, climate and geological hazards, and strategic DRR approaches. It also covers science and technology applications, cross-cutting themes such as gender and inclusivity, and linkages between health and DRR. The final modules highlight NIDM's initiatives and conclude with assessment and reflection. Through lectures, case studies, and practical exercises, the program ensures a holistic and practice-oriented learning experience for effective disaster risk reduction.



Module - wise details are as follows:

Module Zero: Orientation and Evaluation Framework	The module Zero serves as the foundational layer of the two-week training programme. It sets the tone for the course, ensures structured feedback mechanisms and enables outcome-based learning through continuous evaluation. This module is designed to provide a clear understanding of the training flow, foster engagement from the outset and conclude the programme with impactful reflection and feedback.
Module 1: Basics of Disaster Management - Foundation and Genesis	This module lays the conceptual groundwork for understanding disaster management as a multidisciplinary field. It introduces participants to the evolution, legal framework and institutional mechanisms of disaster management in India and globally. The session explores fundamental definitions, types of hazards, vulnerability and capacity concepts while tracing the genesis of disaster management—from relief-centric approaches to holistic risk reduction. Through interactive discussions and short exercises,

	participants gain clarity on the disaster management cycle and its linkages with sustainable development. The module establishes a strong base for subsequent learning and effective participation in disaster risk reduction initiatives.
Module 2: Disaster Management Planning, Risk Assessment Tools, and Technologies	This module focuses on the strategic process of disaster management planning at various administrative levels. Participants learn about the framework, structure and components of Disaster Management Plans (DMPs), including the integration of risk assessment and mitigation measures. The module also introduces modern tools and technologies—such as GIS, Remote Sensing and data analytics—for hazard, vulnerability and capacity mapping. Case-based exercises and demonstrations help participants understand how these tools support evidence-based planning and decision-making. By the end of the module, participants will be able to apply analytical and technological approaches to develop robust and actionable DMPs.
Module 3: Understanding Climate-related Hazards – A Framework for Risk Reduction and Resilience	This module examines the growing challenges of climate-induced hazards such as droughts, heat waves, cyclones and floods within the broader context of climate change. It introduces the scientific basis of climate risks, the socio-economic impacts of extreme weather events, and the interconnections between climate adaptation and disaster risk reduction. Participants will explore frameworks and best practices for building resilience through community-based adaptation, early warning systems and ecosystem-based solutions. The module emphasizes proactive risk governance and resilience-building strategies, empowering participants to integrate climate risk considerations into disaster management and development planning.
Module 4: Geological Hazards – Risk, Preparedness and Resilience	This module focuses on understanding geological hazards such as earthquakes, landslides, avalanches and glacial lake outburst floods (GLOFs). Participants will explore the underlying causes, risk factors, and cascading impacts of these events, along with strategies for preparedness, mitigation and resilience-building. The module emphasizes the importance of scientific monitoring, early warning, structural safety and community preparedness in reducing disaster risks associated with geological phenomena. Case studies and field-based learning enhance participants' practical understanding of risk management in hazard-prone regions.
Module 5: DRR in Action – Strategic Approaches and Skills	This module emphasizes the translation of disaster risk reduction (DRR) principles into actionable strategies and practices. It covers planning and coordination mechanisms, post-disaster needs assessment (PDNA) and recovery frameworks to ensure sustainable and inclusive resilience building. Through simulations, role plays and case-based exercises, participants develop strategic thinking, communication and leadership skills essential for effective disaster management. The module encourages integrating DRR into development and governance systems to minimize vulnerabilities and strengthen institutional response capacities.
Module 6: Science and Technology in DRR	This module highlights the pivotal role of science, technology and innovation in modern disaster risk management. Participants will explore the applications of geospatial technologies, artificial intelligence (AI), remote sensing and data analytics in hazard mapping, risk assessment and early warning systems. Emphasis is

	placed on leveraging technology for real-time decision-making, forecasting and resilient infrastructure planning. The module aims to enhance participants' ability to integrate technological solutions into policy and practice for effective risk reduction.
Module 7: Cross-cutting Dimensions of Disaster Risk Reduction	This module examines the interconnected social, economic and environmental dimensions that influence disaster risk. It focuses on gender, inclusivity, governance, culture and education as critical cross-cutting themes in DRR. Participants will learn how to embed equity, participation, and communication into disaster management processes to ensure resilience for all. Interactive discussions and case examples highlight the need for mainstreaming these dimensions into planning, implementation and monitoring of DRR initiatives.
Module 8: Health and DRR	This module explores the interlinkages between public health and disaster risk reduction, emphasizing preparedness and response mechanisms for health emergencies. Participants will gain insights into managing epidemics, mental health impacts and health system resilience during disasters. The module underscores the importance of community engagement, early warning and coordination between health and disaster management agencies. Through case studies and policy frameworks, participants learn strategies to strengthen public health systems and safeguard vulnerable populations in crises.
Module 9: NIDM's Initiatives for Advancing DRR	This module introduces participants to the National Institute of Disaster Management's (NIDM) key programs, initiatives and capacity-building efforts in advancing DRR across India. It highlights NIDM's thematic centers, training frameworks, research and knowledge dissemination activities that contribute to national and international disaster resilience agendas. Participants will understand NIDM's collaborative role with ministries, state governments, academia and international agencies in promoting a culture of safety and preparedness. The module concludes by encouraging continued engagement and knowledge sharing within the NIDM network.
Assessment and Conclusion	It focuses on gathering participants' feedback and conducting the post-training assessment to evaluate the overall learning experience. It provides an opportunity to reflect on key takeaways, share insights, and identify areas for improvement. This phase marks the culmination of the training programme, reinforcing participants' preparedness to apply their enhanced knowledge and skills in advancing disaster risk reduction and management.

8. Cultural Evening

A vibrant Cultural Evening will be organised at the NIDM Campus to celebrate rich cultural heritage while fostering camaraderie among participants. The evening will have a musical, and dance performances that reflect our diverse traditions and resilience.

9. Expected Outcomes

- Enhanced understanding of disaster risk and vulnerability in India.
- Improved readiness to plan and implement DRM strategies at multiple levels.
- Increased awareness and use of technological tools in DRR.
- Strengthened coordination among agencies for integrated disaster management.

10. Registration Process:

a. **Online Pre-registration:** The participants/concerned organizations may fill up the Google Form via this weblink: https://forms.gle/C3R463WeWJFRxtRz7 or scan QR code for sharing their nominations.

b. **Confirmation:** The confirmation to attend the programme will be shared via email. Only confirmed participants will be permitted to attend the course.

c. **Offline Registration:** For confirmed participants, in-person registration will take place on Day 1, Jan 5, 2026, from 9:15 AM at the venue.

11. Boarding and Lodging

All participants are required to register through the QR code provided in the concept note. There is no course fee; incomplete registration forms will be rejected. Once the completed nomination form is submitted, confirmation will be communicated via email. Lodging and boarding for the selected candidates will be arranged at the NIDM Rohini Guest House. No TA/DA will be provided by the host institution. No family accommodation is allowed.

Note: ***Please don't proceed to join the course without prior confirmation mail.***

12. Conclusion

The comprehensive training course on DRM is a vital step towards strengthening disaster resilience in India. It integrates knowledge, tools, innovative technologies, and cross-sectoral strategies, empowering professionals to plan, respond, and recover effectively from disasters, supporting national goals and global commitments in disaster risk reduction and sustainable development.

13. Organizing Team

Patron	Shri Madhup Vyas, IAS., ED, NIDM (ed.nidm@nidm.gov.in)
Course Coordinators	Dr. Ajinder Walia, Associate Professor and HOD (GIDRR), NIDM (ajinder.nidm@nidm.gov.in)
	Dr. Arkaprbha Sarkar, Assistant Professor, NIDM (arkaprabha.nidm@nidm.gov.in)
Program Team	Dr. Sapna Tiwari, Young Professional, NIDM (sapna.nidm@govcontractor.in ; +91-9454859333)
	Ms. Annyesha Purkait, Young Professional, NIDM (annyesha.nidm@govcontractor.in ; +91-8240882617)
	Ms. Gita Sharma, Training Assistant, GIDRR Division, NIDM (gita.nidm@nidm.gov.in ; +91-8851861892)

11th Comprehensive Course on Disaster Risk Management at NIDM Delhi

Jan 5 to Jan 16, 2026

Tentative Course Schedule

09:15 AM – 10:00 AM	Registration	Ms. Gita Sharma, Training Assistant, NIDM
Inaugural Session (Monday): 05.01.2026		
10:00 AM – 10:10 AM	Introduction and Context Setting	Dr. Ajinder Walia, Associate Professor and Head (GIDRR Division), NIDM
10:10 AM – 10:25 AM	Welcome Address	Col. Manoram Yadav, SM, Joint Director, NIDM
10:25 AM – 10:35 AM	Inaugural Address	Shri Madhup Vyas, IAS., Executive Director, NIDM
10:35 AM – 10:45 AM	Vote of Thanks	Shri Randeep Kumar Rana, Senior Advisor, NIDM
10:45 AM – 11:15 AM	**Group Photograph and Tea**	

Day 1 (Monday): 05.01.2026			
Time	**Session**	**Andragogy**	**Speakers/ Facilitators**
11:15 AM – 12:15 PM (60 minutes)	**Session 1**: Introduction of the course and Ice-Breaking Exercise	Pre-training Assessment and Group Activity	Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Ajinder Walia, Associate Professor, NIDM
12:15 PM – 01:00 PM (45 minutes)	**Session 2**: Disaster Risk Reduction – Conceptual Framework and Linkages with Development	PPT and Group Discussion	Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM
01:00 PM – 02:00 PM	**Lunch Break**		

02:00 PM – 03:00 PM (60 minutes)	**Session 3:** National and International Obligations of Institutional Mechanisms for DRR	PPT and Group Discussion	Dr. Garima Aggarwal, Senior Consultant, NIDM
03:00 PM – 03:30 PM	**Tea Break**		
03:30 PM – 04:15 PM (45 minutes)	**Session 4:** Framework for Development of Disaster Management Plan	PPT and Group Discussion	Dr. Ajinder Walia, Associate Professor, NIDM
04:15 PM – 04:30 PM (15 minutes)	Division of groups for the field visit of HRVC Analysis		Dr. Arkaprabha Sarkar, Assistant Professor, NIDM
04:30 PM onwards	**Film Screening:** Short Films		
Day 2 (Tuesday): 06.01.2026			
10:00 AM – 11:00 AM (60 minutes)	**Session 5:** Hazard Risk Vulnerability Capacity (HRVC) Analysis: Tools and Techniques (Quantitative Techniques)	PPT and Group Discussion	Dr. Gagandeep Singh, Assistant Professor, NIDM
11:00 AM – 11:30 AM	**Tea Break**		
11:30 AM – 12:30 PM (60 minutes)	**Session 6:** Hazard Risk Vulnerability Capacity (HRVC) Analysis: Tools and Techniques (Qualitative Techniques)	PPT and Group Discussion	Dr. Sushma Guleria, Assistant Professor, NIDM
12:30 PM – 01:30 PM	**Lunch Break**		
01:30 PM – 05:30 PM (240 minutes)	**Session 7:** Field Exercise on HRVC Analysis along the lanes of Chandni Chowk Market, Delhi ● Gaining practical experience in applying HRVC analysis in a real urban context. ● Identifying local hazards, vulnerabilities, and capacities in the Chandni Chowk area.		Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM

Day 3 (Wednesday): 07.01.2026			
10:00 AM – 10:45 AM (45 minutes)	**Session 8:** Group Work on HRVC Analysis	Group Activity	Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM
10:45 AM – 11:15 AM	**Tea Break**		
11:15 AM – 12:15 PM (60 minutes)	**Session 9:** Group Presentation on HRVC Analysis	PPT and Group Discussion	Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM
12:15 PM – 01:15 PM (60 minutes)	**Session 10:** Flood Risk Management – Prevention and Mitigation	PPT, Case Studies and Group Discussion	Dr. Gagandeep Singh, Assistant Professor, NIDM
01:15 PM – 02:15 PM	**Lunch Break**		
02:15 PM – 03:15 PM (60 minutes)	**Session 11:** GLOF: Risk, Impact, Management and Mitigation	PPT, Case Studies and Group Discussion	Dr. Ravinder Singh, Senior Consultant, NIDM
03:15 PM – 03:45 PM	**Tea Break**		
03:45 PM – 04:45 PM (60 minutes)	**Session 12:** Extreme Weather Events – Drought and Heat Waves	PPT, Case Studies and	Shri Shiv Narayan Sidh, Assistant Professor, NIDM

		Group Discussion	
04:45 PM onwards	**Film Screening**		
Day 4 (Thursday): 08.01.2026			
10:00 AM – 11:00 AM (60 minutes)	**Session 13:** Forest Fire - DRR Strategies	PPT and Group Discussion	Forest Survey of India **(TBC)**
11:00 AM – 11:30 AM	**Tea Break**		
11:30 AM – 12:30 PM (60 minutes)	**Session 14:** Lightning Risk Management – Prevention and Mitigation	PPT, Case Studies and Group Discussion	Col. Prof. Sanjay Srivastava, Founder, Climate Resilient Observing Systems Promotion Council (CROPC)
12:30 PM – 01:30 PM (60 minutes)	**Session 15:** Earthquake Risk Reduction: Strategies and Case Studies	PPT, Case Studies and Group Discussion	Dr. Amir Ali Khan, Associate Professor, NIDM
01:30 PM – 02:30 PM	**Lunch Break**		
02:30 PM – 03:30 PM (60 minutes)	**Session 16:** Landslide and Avalanche Risk Management – Prevention and Mitigation	PPT, Case Studies and Group Discussion	Dr. Arkaprabha Sarkar, Assistant Professor, NIDM
03:30 PM – 04:00 PM	**Tea Break**		
04:00 PM – 05:00 PM (60 minutes)	**Session 17:** Early warning systems and Common Alert Protocol for Disasters	PPT, Case Studies and Group Discussion	Dr. Pankaj Kumar, Assistant Professor, NIDM
Day 5 (Friday): 09.01.2026			
08:30 AM – 12:30 PM (240 minutes)	**Session 18:** Field Visit to IMD - Cyclone Risk Management: Prevention and Mitigation • Cyclone Forecasting, Early Warning and Disaster Preparedness. • Explore the core Facilities and Operational Capabilities.		Officials from IMD **(TBC)** Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM

		Dr. Pankaj Kumar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM
12:30 PM – 01:30 PM	**Lunch Break**	
01:30 PM – 05:00 PM (210 minutes)	**Session 19:** Field Visit to NCS - Earthquake Risk Reduction: Strategies and Case Studies • Understanding key strategies and best practices for earthquake risk reduction. • Gaining practical insights through exposure to seismic monitoring and case studies.	Officials from NCS **(TBC)** Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Pankaj Kumar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM
Day 6 (Saturday): 10.01.2026		
08:30 AM – 05:00 PM (510 minutes)	**Session 20:** NDRF Visit - Experiencing India's Specialized Disaster Response Mechanisms • Initiatives in Disaster Response in India with reference to NDRF. • Simulation and Demonstration by NDRF – Search and Rescue Operations, Collapsed Structure Response, CPR Techniques and Emergency Response Coordination.	Officials from NDRF **(TBC)** Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM

			Ms. Annyesha Purkait, Young Professional, NIDM
Day 7 (Sunday): 11.01.2026 – Free Day			
Day 8 (Monday): 12.01.2026			
10:00 AM – 11:00 AM (60 minutes)	**Session 21:** Nature-based Solutions for DRR	PPT and Group Discussion	Dr. Prerna Joshi, Assistant Professor, NIDM
11:00 AM – 11:30 AM	**Tea Break**		
11:00 AM – 12:00 PM (60 minutes)	**Session 22:** Principles and Overview of Incident Response System (IRS) and the Role of Emergency Support Functions (ESFs)	PPT, Case Studies, Flow Charts and Role Playing	Shri Shekher Chaturvedi, Assistant Professor, NIDM
12:00 PM – 01:00 PM (60 minutes)	**Session 23:** Principles of Recovery and Reconstruction Practices in DRR	PPT and Group Discussion	Shri Vivek Coelho, Technical Expert – Recovery
01:00 PM – 02:00 PM	**Lunch Break**		
02:00 PM – 03:00 PM (60 minutes)	**Session 24:** Fundamentals of Post-Disaster Needs Assessment (PDNA) and Case Studies from India	PPT, Case Studies and Group Discussion	Shri Vivek Coelho, Technical Expert – Recovery
03:00 PM – 03:30 PM	**Tea Break**		
03:30 PM – 04:15 PM (45 minutes)	**Session 25:** Fire Risk and Mitigation: Case studies from Delhi	PPT and Group Discussion	Delhi Fire Services **(TBC)**
04:15 PM – 05:15 PM (60 minutes)	**Session 26:** Demonstration - Fire Fighting Techniques	Demonstration and Interaction	Delhi Fire Services **(TBC)**
05:15 PM onwards	**Film Screening**		

Day 9 (Tuesday): 13.01.2026			
08:30 AM – 04:30 PM (480 minutes)	**Session 27:** Field Visit Regional Remote Sensing Centre - Application of Geospatial and Space Technologies in DRR Mechanisms • Exploring the use of Artificial Intelligence, Remote Sensing, and GIS for disaster risk assessment, monitoring, and early warning. • Understanding practical applications of geospatial data and analytics for informed decision-making in disaster risk reduction.		Officials from RRSC-North **(TBC)** Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM
Day 10 (Wednesday): 14.01.2026			
09:45 AM – 10:30 AM (45 minutes)	**Session 28:** Inclusive DRR: Leaving No One Behind	PPT, Case Studies and Group Discussion	Dr. Ajinder Walia, Associate Professor, NIDM
10:30 AM – 11:00 AM (30 minutes)	**Session 29:** Transversing the Boundaries in DRR: Beyond the Binary Concept of Gender	PPT, Case Studies and Group Discussion	Dr. Sapna Tiwari, Young Professional, NIDM
11:00 AM – 11:30 AM	**Tea Break**		
11:30 AM – 12:00 PM (30 minutes)	**Session 30:** Introduction to Psychosocial Care in Disasters	PPT and Group Activities	Ms. Annyesha Purkait, Young Professional, NIDM
12:00 PM – 12:30 PM (30 minutes)	**Session 31:** Techniques of Providing Psychosocial Care in Disasters	PPT, Interactive Lecture and Group Activities	Dr. Ajinder Walia, Associate Professor, NIDM
12:30 PM – 01:15 PM (45 minutes)	**Session 32:** Search and Rescue Operations in Disasters: Experiences from the Field	PPT and Group Discussion	Shri Randeep Kumar Rana, Senior Advisor, NIDM
01:15 PM – 02:15 PM	**Lunch Break**		
02:15 PM – 03:00 PM (45 minutes)	**Session 33:** Crowd Management: Prevention and Best Practices	PPT and Group Discussion	Shri Shekher Chaturvedi, Assistant Professor, NIDM

03:00 PM – 03:30 PM	**Tea Break**		
03:30 PM – 04:30 PM (60 minutes)	**Session 34:** Public Health Resilience and Preparedness for Disasters through Community Engagement	PPT and Group Discussion	Dr. Avneet Randhawa, Assistant Professor, Directorate of Research and Medical Education, Govt. of Punjab **(TBC)**
04:30 PM – 05:30 PM (60 minutes)	**Session 35:** Stress Management and Handling Responsibilities: Exercises for Self-Care	Interactive Lecture, Guided Pranayama & Breathing Exercises and Practical Demonstration	Ms. Tanu Kanchan, Art of Living
Day 11 (Thursday): 15.01.2026			
10:00 AM – 11:00 AM (60 minutes)	**Session 36:** Disaster Risk Financing and Insurance in India	PPT and Group Discussion	Shri Safi Ahsan Rizvi, Advisor (Mitigation), NDMA
11:00 AM - 11:30 AM	**Tea Break**		
11:30 AM – 12:30 PM (60 minutes)	**Session 37:** Initiatives of DRR in India	PPT and Group Discussion	Shri Safi Ahsan Rizvi, Advisor (Mitigation), NDMA
12:30 PM – 01:15 PM (45 minutes)	**Session 38:** First Aid in Disasters	PPT and Group Discussion	Dr. Sushma Sagar, In charge – Division of Trauma Center, AIIMS/ Dr. Junaid Alam, Associate Professor - Trauma Surgery, AIIMS
01:15 PM – 02:15 PM	**Lunch Break**		
02:15 PM – 03:15 PM (60 minutes)	**Session 39:** First Aid – Demonstration	Demonstration and Interaction	Dr. Sushma Sagar, In charge – Division of Trauma Center, AIIMS/ Dr. Junaid Alam, Associate Professor - Trauma Surgery, AIIMS
03:15 PM – 03:45 PM	**Tea Break**		

03:45 PM – 04:45 PM (60 minutes)	**Session 40:** Cultural Heritage and DRR	PPT and Group Discussion	Shri Johny ML, Culture Critic, Art Curator, Writer Dr. Arkaprabha Sarkar, Assistant Professor, NIDM
05:15 PM onwards	**Cultural Evening**		
Day 12 (Friday): 16.01.2026			
10:00 AM – 10:45 AM (45 minutes)	**Session 41:** Mainstreaming DRR into Education	PPT and Group Discussion	Dr. Preeti Soni, Senior Consultant, NIDM
10:45 AM – 11:15 AM	**Tea Break**		
11:15 AM – 12:00 PM (45 minutes)	**Session 42:** Use of Social Media, E Learning and iGOT Platform for DRR Session	PPT and Group Discussion	Ms. Nazia Khan, IPRO, NIDM
12:00 PM – 12:45 PM (45 minutes)	**Session 43:** Demonstration: IDRN	PPT and Group Discussion	Dr. Pankaj Kumar, Assistant Professor, NIDM Shri Dharmendra, Developer, NIDM
12:45 PM – 01:15 PM (30 minutes)	**Session 44:** Feedback by the Participants and Post Training Assessment	Interactive Session	Dr. Ajinder Walia, Associate Professor, NIDM Dr. Arkaprabha Sarkar, Assistant Professor, NIDM Dr. Sapna Tiwari, Young Professional, NIDM Ms. Annyesha Purkait, Young Professional, NIDM
01:15 PM – 02:15 PM	**Lunch Break**		

Valedictory Session (Friday): 16.01.2026		
02:15 PM – 02:25 PM	Summary of the Course	Dr. Arkaprabha Sarkar, Assistant Professor, NIDM
02:25 PM – 02:30 PM	Way Forward	Shri Randeep Kumar Rana, Senior Advisor, NIDM
02:30 PM – 02:40 PM	Valedictory Address	Shri Madhup Vyas, IAS., Executive Director, NIDM
02:40 PM – 03:00 PM	Distribution of Certificates	
03:00 PM – 03:05 PM	Vote of Thanks	Col. Manoram Yadav, SM, Joint Director, NIDM
03:05 PM onwards	**Tea Break**	