TARGET GROUP

The programme is designed for entry to mid-level officials (Group A and B) from Central, State, and District Governments, including representatives from SDMAs, NDRF and SDRF. It also includes faculty members and researchers from universities and institutions affiliated with the IUINDRR network (managed by NIDM), as well as professionals engaged in the disaster management sector, including those involved in policymaking, governance, humanitarian assistance, and emergency response.

COURSE OBJECTIVES

- To enhance participants' understanding of multi-hazard disaster risks, vulnerability patterns, and climate-induced impacts in the Indian context.
- To build practical competencies in disaster risk assessment, planning, and the development of Disaster Management Plans (DMPs) using tools such as HRVC, GIS, and early warning systems.
- To strengthen knowledge of disaster response, recovery, and "Build Back Better" approaches, including institutional mechanisms and governance frameworks.
- To promote integration of disaster risk reduction (DRR) into sectoral policies and development planning through a multi-sectoral and technology-enabled approach.

BACKGROUND

India's diverse geo-climatic conditions, rapid urbanization, and increasing environmental pressures make it highly vulnerable to a wide range of disasters. In recent years, the frequency and intensity of extreme events, e.g. floods, cyclones, heatwaves, landslides, and droughts, have increased significantly, further exacerbated by the impacts of climate change. These evolving risk patterns pose serious challenges to human lives, infrastructure, livelihoods, and sustainable development. The growing complexity of risks necessitates a paradigm shift towards proactive disaster risk reduction, resilience building, and preparedness. This requires not only robust institutional mechanisms but also a well-trained cadre of professionals equipped with interdisciplinary knowledge, technical skills, and practical tools.

In this context, the Comprehensive Course on Disaster Risk Management aims to strengthen the capacities of officials, practitioners, and academicians by providing a holistic understanding of disaster risk management, integrating science, technology, policy, and field-based learning. By fostering a multi-sectoral and participatory approach, the course contributes to building a resilient and disaster-prepared society, aligned with national priorities and global frameworks

ABOUT NIDM

The National Institute of Disaster Management (NIDM) was constituted under an Act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. The efforts in this direction that began with the formation of the National Centre for Disaster Management (NCDM) in 1995 gained impetus with its redesignation as the National Institute of Disaster Management (NIDM) for training and capacity development. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management.

सत्यमेव जयते

nidm
Resilient India - Disaster Free India

18th Comprehensive Course on Disaster Risk Management

13th-24th July 2026

NIDM Vijayawada

Organised by

nidm
Resilient India - Disaster Free India

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
Ministry of Home Affairs, Government of India

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LEARNING MODULES

Module 0: Orientation, Ice-breaking & Pre-Assessment

Module 1: Basics of Disaster Management, Institutional Frameworks & Global Commitments

Module 2: Disaster Management Planning, HRVC Analysis, Tools & Technologies, Understanding disasters in the context of climate change Practical exercises on risk assessment and planning

Module 3: Hazard Risk Management (floods, cyclones, earthquakes, droughts, heatwaves, etc.) Sector-specific risk mitigation and early warning systems Demonstrations (e.g., fire safety, response)

Module 4: Disaster Response Systems & Governance Crowd management, community engagement, inclusive DRR Disaster Management Plan (DMP) preparation exercises

Module 5: Recovery, PDNA & Build Back Better Case studies on post-disaster recovery and reconstruction

Module 6: Science, Technology & Decision Support Systems (GIS, RS, EWS, platforms like IDRN/NDEM)

Module 7: Social, Institutional & Cross-Cutting Dimensions (gender, inclusion, governance)

Module 8: Health & Disaster Risk Management

Module 9: Field Visits (EOCs, Early Warning Centres, field sites)

Module 10: Synthesis, Policy Integration & Post-Assessment

DATE & VENUE

📅 13-24 July 2026

📍 NIDM Vijayawada, Andhra Pradesh

MODE OF INSTRUCTION

The primary language of instruction will be English. However, resource persons may use Hindi or local languages based on participants' needs.

TRANSPORT, ACCOMODATION AND FOOD

- No Course Fee: The training programme is fully sponsored .
- Boarding & Lodging: Accommodation and meals will be provided at NIDM Vijayawada during the course.
- Travel Costs: Participants/sponsoring organizations must bear to & fro travel expenses, including local transport.
- Meals will be provided during the training.

EVALUATION

A dedicated session for feedback and valediction will be conducted. Participants will fill out an evaluation form to assess the effectiveness of the training.

ATTENDANCE & CERTIFICATION

- Attendance is mandatory for certification.
- Participants who complete the programme successfully will receive an official Certificate of Participation.

TRAINING METHODS

The training will include a mix of:

✔️ Classroom Lectures
✔️ Case Study Discussions
✔️ Group Exercises
✔️ Video Demonstrations
✔️ Pre & Post Training Assessments, etc.

Website: www.nidm.gov.in

ORGANISING TEAM

Patron

Shri Madhup Vyas, IAS
Executive Director, NIDM
📧 Email: ed.nidm@nidm.gov.in

Programme Coordinators

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Assistant Professor, NIDM
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Sh. Manjeet Singh
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Sh. Rohit Kumar
Assistant Professor, NIDM
📧 Email: rohit.nidm@nidm.gov.in

FOR FURTHER DETAILS

PLEASE CONTACT TO THE PROGRAMME COORDINATOR ON FOLLOWING DETAILS

NIDM, Vijayawada (South Campus)
Kondapavaluru Village,
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REGISTRATION DETAILS

Registration by Nomination only.

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a Better World

18th

COMPREHENSIVE COURSE ON

DISASTER RISK MANAGEMENT

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on

18th Comprehensive Course on Disaster Risk Management

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1. Introduction

India's diverse geo-climatic conditions and large population make it highly vulnerable to a wide range of disasters. In recent decades, the frequency and intensity of both natural and anthropogenic hazards have increased significantly, posing serious threats to human life, infrastructure, and the environment. The country is exposed to multiple hazards, including floods, cyclones, earthquakes, droughts, landslides, and industrial accidents, necessitating a comprehensive and integrated approach to disaster preparedness, mitigation, response, and recovery across sectors.

Climate change is further exacerbating these risks by intensifying the frequency and severity of extreme weather events. Rising temperatures have contributed to more frequent and prolonged heatwaves, erratic monsoon patterns, and episodes of intense rainfall, often resulting in urban flooding in major cities. Coastal regions are increasingly experiencing sea-level rise and more intense cyclones due to warming oceans, leading to erosion, displacement, and damage to critical infrastructure. In the Himalayan region, accelerated glacial melting is triggering flash floods, landslides, and glacial lake outburst floods (GLOFs), posing significant risks to fragile ecosystems and communities. The agriculture sector is also under stress due to unseasonal rainfall and prolonged droughts, adversely affecting food security and rural livelihoods. Furthermore, the health of vulnerable populations is increasingly at risk, with a rise in climate-sensitive diseases, including vector-borne infections.

These evolving risk patterns underscore the urgent need for adopting climate-resilient and disaster-resilient strategies, including strengthening early warning systems, promoting adaptive and resilient infrastructure, and enhancing community-based preparedness. In this context, there is a critical need to build institutional and human

to proactive risk reduction and resilience building.

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

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 increasing frequency and intensity of disasters, driven by both natural and anthropogenic hazards, climate change, rapid urbanization, and environmental degradation, have significantly heightened the vulnerability of communities. This evolving risk landscape necessitates a stronger and sustained focus on disaster preparedness, mitigation, and resilience building. Traditionally, disaster management approaches were largely reactive, emphasizing relief and rehabilitation. However, contemporary Disaster Risk Management (DRM) underscores a proactive and preventive approach, focusing on risk reduction, early warning systems, and community preparedness, supported by a trained and skilled workforce.

Disaster management today is inherently complex and multidisciplinary, requiring coordinated efforts across sectors such as health, infrastructure, environment, and governance. It also demands the effective use of advanced technologies, including Geographic Information Systems (GIS), remote sensing, and data-driven decision-making tools. Despite these advancements, many regions, particularly in developing countries, face significant capacity gaps due to the limited availability of trained human resources, resulting in challenges in preparedness, response, and recovery.

Reduction and the Sustainable Development Goals highlight the critical importance of strengthening institutional capacities and fostering a culture of resilience. A well-trained cadre of professionals is essential not only for effective emergency response but also for enabling sustainable recovery and long-term development, ensuring that affected regions can rebuild in a safer and more resilient manner.

In this context, the National Institute of Disaster Management (NIDM) proposes to organize a two-week "Comprehensive Training Course on Disaster Risk Management" at its Vijayawada campus.

3. Aim of the Course

To strengthen the knowledge and competencies of participants in understanding, assessing, and managing disaster risks through a multi-hazard, multi-sectoral, and technology-enabled approach, thereby contributing to a resilient and disaster-prepared India.

4. Learning Objectives of the Course

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

- **Identify and analyze** at least 3 major hazard types and their associated vulnerability and risk profiles in the Indian context through case-based discussions and exercises.
- **Explain and apply** key national and international disaster risk management frameworks (e.g., Sendai Framework, SDGs) in at least one policy or planning scenario.
- **Develop** a basic Disaster Management Plan (DMP) incorporating Hazard Risk Vulnerability Capacity (HRVC) analysis through group-based practical exercises.
- **Demonstrate** understanding of post-disaster recovery planning by preparing a simplified recovery framework integrating "Build Back Better" principles.
- **Assess and propose** at least two disaster risk reduction measures for integrating DRR into sectoral development planning (e.g., urban planning, health, infrastructure).
- **Interpret and utilize** basic outputs from technology tools (e.g., GIS maps, early warning systems, IDRN) during simulations or demonstrations.
- **Describe and evaluate** key financial risk reduction instruments, including insurance and disaster risk financing mechanisms, through case study analysis.

The programme is designed for entry- to mid-level officials (Group A and B) from Central, State, and Local Governments, including representatives from State Disaster Management Authorities (SDMAs), Administrative Training Institutes (ATIs), National and State Disaster Response Forces (NDRF and SDRF), and Central Ministries/Departments.

It also includes faculty members and researchers from universities and institutions affiliated with the IUINDRR network (managed by NIDM), as well as professionals engaged in the disaster management sector, including those involved in policymaking, governance, humanitarian assistance, and emergency response.

In addition, senior experts and practitioners from relevant agencies and organizations may be invited to participate and contribute to the programme.

6. Methodology

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

a) Blended Learning Approach

The programme adopts a mix of instructional strategies to ensure both conceptual clarity and practical application, including:

- Expert Lectures: Delivered by domain experts, government officials, and academicians on core DRM themes.
- Case Study Analysis: Examination of real-world disaster events (e.g., Uttarakhand floods, Rishiganga flash floods, cyclone responses) to contextualize learning.

b) Experiential and Participatory Learning

The course emphasizes active learning through:

- Group Activities: Simulations, role plays, and collaborative exercises to enhance teamwork and decision-making.
- Interactive Sessions: Facilitated discussions, scenario-based drills, and participatory problem-solving.
- Hands-on Exercises: Practical tasks such as Do's and Don't's in disaster response, hazard mapping, and disaster management planning.

c) Technology-Enabled Training

making, including:

- Geospatial Tools: Application of GIS, Remote Sensing, and related technologies for hazard and risk assessment.
- Multimedia Learning: Use of audio-visual content, documentaries, and digital modules to enhance engagement and comprehension.

d) Field Exposure and Demonstrations

The programme integrates field-based learning to bridge theory and practice through:

- Field Visits: Exposure to operational institutions such as early warning centres, disaster management authorities, and relevant field sites.
- Live Demonstrations: Practical demonstrations of emergency response techniques (e.g., fire safety, search and rescue).
- Technology Demonstrations: Hands-on exposure to platforms such as SACHET, NDEM, IDRN, and NDMIS.

e) Structured Module Progression

The training is organized into a series of interlinked modules, progressing from foundational concepts to advanced themes, including risk assessment, hazard management, response systems, recovery planning, technology applications, and cross-cutting issues.

f) Cross-Sectoral and Multi-Stakeholder Engagement

The course facilitates interaction with experts and practitioners from government agencies, academic institutions, and civil society, fostering peer learning and promoting inter-institutional collaboration.

g) Evaluation and Feedback Mechanism

A robust evaluation framework is integrated into the programme, including:

- Pre- and Post-Training Assessments to measure learning outcomes.
- Daily Recapitulation and Feedback Sessions to reinforce learning and improve delivery.
- Final Review and Reflection to consolidate key insights and identify pathways for application in professional contexts.

7. Structure of the Training Module

The comprehensive training programme is structured into a series of interconnected modules, each addressing a critical dimension of disaster risk management. It begins with Module Zero, which includes an ice-breaking session, course orientation, and

modules covering key areas such as disaster management fundamentals, risk assessment and planning tools, multi-hazard risk management, disaster response systems, and recovery and reconstruction. It further incorporates modules on science and technology applications, cross-cutting themes such as gender, inclusion, and governance, as well as the interlinkages between health and disaster risk reduction. In addition, the course provides exposure to NIDM's initiatives, digital platforms, and knowledge systems, enabling participants to connect theory with institutional practice. The programme concludes with post-training assessment, reflection, and synthesis of key learnings. Through a combination of expert lectures, case studies, field exposure, and hands-on exercises, the course ensures a holistic, practice-oriented learning experience aimed at strengthening capacities for effective disaster risk reduction and resilience building.

Structure of the Training Module

Module	Title	Description
Module 0	Orientation and Evaluation Framework	Entry point to the training programme, setting the context, expectations, and learning outcomes. It includes participant introductions, ice-breaking exercises, and a pre-training assessment to gauge baseline knowledge. The module also establishes the evaluation framework, including continuous feedback, daily recapitulation, and post-training assessment, ensuring an outcome-based and participatory learning environment.
Module 1	Basics of Disaster Management – Foundation and Genesis	Conceptual foundation of disaster management as a multidisciplinary field. It introduces key concepts such as hazards, vulnerability, capacity, and risk, along with the disaster management cycle. Participants are familiarized with national institutional mechanisms, legal frameworks, and global commitments such as the Sendai Framework and SDGs. The module traces the evolution of disaster management from a relief-centric approach to a proactive risk reduction paradigm.
Module 2	Disaster Management Planning, Risk Assessment Tools, and Technologies	Focuses on the development of Disaster Management Plans (DMPs) using scientific and evidence-based approaches. It covers Hazard-Risk-Vulnerability-Capacity (HRVC)

		development planning. Participants are introduced to tools such as GIS, Remote Sensing, and data analytics for risk assessment and decision-making. Practical exercises and group work enable participants to apply these concepts in real-world planning scenarios.
Module 3	Hazards Risk Management	Provides a comprehensive understanding of major natural and anthropogenic hazards, including floods, earthquakes, landslides, droughts, cyclones, heatwaves, lightning, forest fires, and radiological risks. It examines their causes, impacts, and risk drivers in the context of climate change and socio-economic vulnerability. The module emphasizes mitigation strategies, early warning systems, and sector-specific risk reduction approaches through case studies and expert-led sessions.
Module 4	Disaster Response Systems & Governance	Focuses on institutional mechanisms and operational frameworks for effective disaster response. It covers the Incident Response System (IRS) and coordination among various agencies at national, state, and district levels. The module also addresses crowd management, community engagement, and governance structures that enable timely and efficient response. Through case studies and simulations, participants gain insights into strengthening preparedness and response.
Module 5	Recovery, PDNA & Build Back Better	Emphasizes post-disaster recovery as a critical phase of disaster management. It introduces principles of recovery and reconstruction, Post-Disaster Needs Assessment (PDNA), and the "Build Back Better" approach. Participants learn how to assess damages and losses, prioritize recovery interventions, and integrate resilience into reconstruction efforts. The module highlights inclusive and sustainable recovery practices through case studies and

	Decision Support Systems	and innovation in enhancing disaster risk management. It covers applications of geospatial technologies, remote sensing, and early warning systems for risk assessment and real-time decision-making. Participants are also exposed to national platforms such as IDRN, digital learning systems, and communication technologies. The module aims to strengthen participants' capacity to leverage technology for effective planning and response.
Module 7	Social, Institutional & Cross-Cutting Dimensions	Examines the social and institutional dimensions that influence disaster risk and resilience. It focuses on gender, inclusivity, community participation, cultural heritage, and governance as key cross-cutting themes. Participants explore strategies for mainstreaming these aspects into disaster risk reduction policies and programmes. The module also highlights the role of education, communication, and indigenous knowledge systems in building resilient communities.
Module 8	Health & Disaster Risk Management	Explores the critical intersection between public health and disaster risk management. It covers preparedness and response to health emergencies, including epidemics, mental health challenges, and WaSH (Water, Sanitation, and Hygiene) issues during disasters. The module emphasizes strengthening health system resilience, inter-agency coordination, and community-based health preparedness to safeguard vulnerable populations.
Module 9	Field Exposure & Applied Learning	Provides practical, field-based learning experiences to bridge the gap between theory and practice. It includes visits to disaster management authorities, early warning centres, Doppler Radar System and disaster affected village. Participants gain firsthand exposure to operational systems such as Emergency Operations Centres (EOCs), GIS applications, and community-

		world implementation.
Module 10	Synthesis, Policy & Way Forward	Focuses on consolidating learning outcomes and translating knowledge into practice. It includes post-training assessment, participant feedback, and reflective discussions on key takeaways. The module also addresses strategic leadership, policy integration, and pathways for mainstreaming DRR into governance and development planning. It prepares participants to apply their enhanced competencies in their respective professional contexts.

8. Expected Outcomes

- Enhanced understanding of disaster risk, hazard dynamics, and vulnerability patterns in the Indian context.
- Improved capacity to design, plan, and implement disaster risk management (DRM) strategies at national, state, and local levels.
- Increased ability to utilize technological tools such as GIS, early warning systems, and digital platforms for risk assessment and decision-making.
- Strengthened inter-agency coordination and multi-stakeholder collaboration for integrated and effective disaster management.
- Improved preparedness and response capabilities through practical exposure, simulations, and field-based learning.
- Enhanced ability to incorporate resilience and risk reduction measures into development planning and policy frameworks.

8. Registration Process:

a. **Online Pre-registration:** The participants/concerned organizations may fill up the Google Form via this Nomination form: **https://forms.gle/ZJaRD9Rmy3YyvXmS8** 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, July 13th, 2026 from 9:15 AM at the venue.

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 Vijayawada Hostel. 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.***

10. Conclusion

The Comprehensive Training Course on Disaster Risk Management represents a significant step towards strengthening disaster resilience in India. By integrating theoretical knowledge, practical tools, emerging technologies, and cross-sectoral approaches, the programme equips participants with the competencies required to effectively plan, prepare for, respond to, and recover from disasters.

The course reinforces the shift from a reactive to a proactive risk reduction paradigm and supports the development of a skilled cadre of professionals capable of addressing complex disaster challenges. In doing so, it contributes to national priorities and aligns with global commitments such as the Sendai Framework for Disaster Risk Reduction and the Sustainable Development Goals, fostering a safer, more resilient, and sustainable future.

11. Organizing Team

Patron	Sh. Madhup Vyas, IAS., ED, NIDM (ed.nidm@nidm.gov.in)
Course Coordinator	Dr. Prerna Joshi, Assistant Professor, NIDM (prerna.nidm@nidm.gov.in)
Course Co-Coordinators	Sh. Manjeet Singh, Assistant Professor, NIDM (manjeetsingh.nidm@nidm.gov.in)
	Sh. Rohit Kumar, Assistant Professor, NIDM (rohit.nidm@nidm.gov.in)

18th Comprehensive Course on Disaster Risk Management

NIDM Vijayawada

13th July to 24th July 2026

Tentative Course Schedule

09:15 AM-10:00 AM	Registration	NIDM team
Inaugural Session (Monday): 13.07.2026		
10:00 AM-10:15 AM	Introduction and Context Setting	Dr. Prerna Joshi Assistant Professor, NIDM
10:15 AM-10:25 AM	Welcome Address	Col. P.S. Reddy Joint Director, NIDM
10:25 AM-10:40 AM	Inaugural Address	Sh. Madhup Vyas IAS Executive Director, NIDM (TBC)
10:40 AM-11:15 AM	**Group Photograph and Tea**	

Day 1 (Monday): 13.07.2026			
Time	**Session**	**Andragogy**	**Speakers/ Facilitators**
11:15 AM – 12:15 PM (60 mins)	**Session 1**: Introduction of the course, Ice-Breaking Exercise and Pre-Training Assessment	Interaction & Group Activity	Dr. Prerna Joshi, Assistant Professor NIDM
12:15 PM – 01:00 PM (45 mins)	**Session 2**: Basic Concepts of Disaster Management & Vulnerability Profile of India	PPT and Group Discussion	Sh. Manjeet Kumar Assistant Professor NIDM
01:00 PM – 02:00 PM	**Lunch Break**		
02:00 PM – 03:00 PM (60 mins)	**Session 3:** Institutional Mechanisms for DRR	PPT and Group Discussion	Sh. Rohit Kumar Assistant Professor NIDM

03:00 PM – 03:15 PM	**Tea Break**		
03:15 PM – 04:15 PM (60 mins)	**Session 4:** International Obligations of India viz. SFDRR, SDGs, BIMSTEC, COP, etc. (Global Perspective)	PPT and Group Discussion	Dr. Prerna Joshi, Assistant Professor NIDM
04:15 PM – 05:00 PM (45 mins)	**Session 5:** Role Play Activity based on Do's and Don'ts of various Disasters & synthesis	Group Exercise	Sh. Amarjeet Kumar Assistant Professor NIDM
Day 2 (Tuesday): 14.07.2026			
09:30 AM-10:00 AM	Recapitulation of Day 1		Assigned Participant
10:00 AM – 11:00 AM (60 mins)	**Session 6:** Hazard Risk Vulnerability Capacity (HRVC) Analysis: Tools & Techniques	PPT and Group Discussion	Dr. Prerna Joshi, Assistant Professor NIDM
11:00 AM – 11:15 AM	**Tea Break**		
11:15 AM – 12:00 PM (45 mins)	**Session 7:** Hazard Risk Vulnerability Capacity (HRVC) Analysis: Group Exercise	Group Exercise	Dr. Prerna Joshi, Sh. Rohit Kumar & Sh. Manjeet Kumar Assistant Professors NIDM
12:00 PM-12:30 PM (30 mins)	**Session 7** (contd.) : Presentation of Group Exercise	Presentation	Dr. Prerna Joshi Assistant Professor NIDM
12:30 PM – 01:30 PM	**Lunch Break**		
01:30 PM-02:30 PM (60 mins)	**Session 8:** Understanding Disasters in light of Climate Change	PPT and Group Discussion	Dr. Prerna Joshi Assistant Professor NIDM
02:30 PM-03:15 PM (45 Mins)	**Session 9:** Fire Risk Mitigation	Interactive Lecture	Representative, AP Fire Services (TBC)
03:15 PM-03:30 PM	**Tea Break**		

03:30 PM-05:00 PM (90 mins)	**Session 10:** Fire-fighting techniques	Demonstration	AP Fire Services (TBC)
Day 3 (Wednesday): 15.07.2026			
09:30 AM-10:00 AM	Recapitulation of Day 2		Assigned Participant
10:00 AM-11:00 AM (60 mins)	**Session 11:** Crowd Management: Prevention and Best Practices	PPT and Group Discussion	Sh. Shekher Chaturvedi Assistant Professor NIDM (online)
11:00 AM – 11:15 AM	**Tea Break**		
11:15 AM-12:15 PM (60 mins)	**Session 12:** Community Engagement for DRR	PPT and Group Discussion	Dr. Prerna Joshi Assistant Professor NIDM
12:15 AM-01:15 PM (60 mins)	**Session 13:** Principles and Overview of Incident Response System (IRS)	PPT, Case Studies, Flow Charts and Role Playing	Sh. Shekher Chaturvedi, Assistant Professor NIDM (online)
01:15 PM – 02:15 PM	**Lunch Break**		
02:15 PM – 03:15 PM (60 mins)	**Session 14:** Inclusive DRR: Leaving No One Behind	PPT, Case Studies and Group Discussion	Sh. Rohit Kumar Assistant Professor NIDM
03:15 PM – 03:30 PM	**Tea Break**		
03:30 PM – 04:15 PM (45 mins)	**Session 15:** Framework for Development of Disaster Management Plan	PPT, Case Studies and Group Discussion	Dr. Prerna Joshi Assistant Professor NIDM
04:15 PM – 04:55 PM (40 mins)	**Session 16:** Formulation of DMPs	Group Work	Sh. Manjeet Singh Assistant Professor NIDM

04:55 PM – 05:15 PM (20 mins)	**Session 16**(contd.)**:** Presentation of DMPs	Group Presentation	Course Team
Day 4 (Thursday): 16.07.2026			
09:30 AM-10:00 AM	Recapitulation of Day 3		Assigned Participant
10:00 AM – 11:00 AM (60 mins)	**Session 17:** Understanding Radiological and Nuclear Disasters	Interactive Lecture	Dr. Srinivasan Retd. BARC Scientist (TBC)
11:00 AM – 11:15 AM	**Tea Break**		
11:15 AM – 12:00 PM (45 mins)	**Session 18:** Agricultural Drought and Pest Attacks	PPT, Case Studies and Group Discussion	Sh. Manjeet Singh, Assistant Professor NIDM
12:00 PM – 01:00 PM (60 mins)	**Session 19:** Extreme Weather Events: Heatwaves & Coldwaves	PPT, Case Studies and Group Discussion	Dr. G. Ch. Satyanarayan Associate Professor NIDM
01:00 PM – 02:00 PM	**Lunch Break**		
02:00 PM – 03:00 PM (60 mins)	**Session 20:** Lightning Risk Management – Prevention and Mitigation	PPT, Case Studies and Group Discussion	Dr. G. Ch. Satyanarayan Associate Professor NIDM
03:00 PM – 03:15 PM	**Tea Break**		
03:15 PM – 04:00 PM (45 mins)	**Session 21:** Forest Fire – Mitigation and Management: Lessons Learnt	PPT and Group Discussion	Dr. Prerna Joshi, Assistant Professor NIDM
04:00 PM-05:00 PM (60 mins)	**Session 22:** Cyclone Risk Reduction	Interactive Lecture	Sh. Amarjeet Kumar Assistant Professor NIDM
Day 5 (Friday): 17.07.2026			

09:30 AM-10:00 AM	Recapitulation of Day 4		Assigned Participant
10:00 AM-11:00 AM (60 mins)	**Session 23:** Public Health Resilience & DRR • Preparedness and Risk Reduction for Health Emergencies and Epidemics • Health and Nutrition during disasters with a focus on WaSH	Interactive Lecture	Representative AIIMS Mangalagiri (TBC)
11:00 AM-11:15 AM	**Tea Break**		
11:15 AM-12:15 PM (60 Mins)	**Session 24:** Principles of Recovery and Reconstruction Practices in DRR	PPT, Case Studies and Group Discussion	Sh. Puthumai A Nazarene, Technical Expert PDNA (TBC)
12:15 PM-01:15 PM (60 mins)	**Session 25:** Fundamentals of Post-Disaster Needs Assessment (PDNA) and Case Studies from India	PPT, Case Studies and Group Discussion	Sh. Puthumai A Nazarene, Technical Expert PDNA (TBC)
01:15 PM – 02:15 PM	**Lunch Break**		
02:15 PM-05:30 PM (195 mins)	**Session 26: APSDMA Field Visit** • SEOC • Planning & GIS wing • CBDRR initiatives		Course Team (led by Sh. Manjeet Singh)
Day 6 (Saturday): 18.07.2026- Free Day			
Day 7 (Sunday): 19.07.2026 – Free Day			
Day 8 (Monday): 20.07.2026			
09:30 AM-10:00 AM	Recapitulation of Day 5		Assigned Participant
10:00 AM – 11:00 AM	**Session 27:** Landslides: Issues & Mitigation Measures (Wayanad Case Study)	PPT, Case Studies and	Dr. Arkaprabha Sarkar

(60 mins)	• Risk Mitigation • NLRMP Initiatives taken by NDMA and other agencies	Group Discussion	
11:00 AM – 11:15 AM	**Tea Break**		
11:15 AM – 12:00 PM (45 mins)	**Session 28:** Earthquake Risk Mitigation: Lessons Learnt • Structural & Non-Structural Mitigation Measures • NDMA guidelines	PPT, Case Studies and Group Discussion	Dr. Arkaprabha Sarkar Assistant Professor NIDM
12:00 PM-01:00 PM (60 mins)	**Session 29:** GLOF: Risk, Impact and Mitigation	PPT, Case Studies and Group Discussion	Dr. Gagandeep Singh Assistant Professor NIDM (online)
01:00 PM – 02:00 PM	**Lunch Break**		
02:00 PM-03:30 PM (90 mins)	**Session 30:** IKS- Stress Management and Handling Responsibilities	Guided Breathing Exercises and Meditation Session	Representative, The Heartfulness Institute (TBC)
03:30PM-03:45 PM	**Tea Break**		
03:45 PM – 05:00 PM (75 mins)	**Session 31:** Cultural Heritage for DRR	PPT, Case Studies and Group Discussion	Dr. Arkaprabha Sarkar Assistant Professor NIDM
Day 9 (Tuesday): 21.07.2026			
09:30 AM-10:00 AM	Recapitulation of Day 8		Assigned Participant
10:00 AM-11:15 AM (75 mins)	**Session 32:** Introduction to Psychosocial Care in Disasters	PPT and Group Activities	Dr. E. Aravind Raj , NIMHANS (TBC)
11:15 AM-11:30 AM	**Tea Break**		

11:30 AM-01:00 PM (90 mins)	**Session 33:** Techniques of Providing Psychosocial Care in Disasters	Group Activities	Dr. E. Aravind Raj , NIMHANS (TBC)
01:00 PM-02:00 PM	**Lunch Break**		
02:00 PM-03:15 PM (75 mins)	**Session 34 :** Flood (Riverine, Urban & Flash Flood) Risk Management – Prevention and Mitigation	PPT and Group Discussion	Dr. Gagandeep Singh, Assistant Professor, NIDM (online)
03:15 PM-03:30 PM	**Tea Break**		
03:15 PM-04:15 PM (45 mins)	**Session 35:** Silent Disasters-Environmental Pollution	PPT, Case Studies and Group Discussion	Dr. Prerna Joshi, Assistant Professor, NIDM
04:15 PM-05:00 PM (45 mins)	**Session 35:** Disaster Risk Financing and Insurance in India	PPT and Group Discussion	Sh. Rohit Kumar Assistant Professor NIDM
Day 10 (Wednesday): 22.07.2026			
08:30 AM-05:00 PM	**Session 36: Field Visit** IMD Machilipatnam Doppler Radar System & Cyclone Affected Village		Course Team (led by Sh. Manjeet Singh)
Day 11 (Thursday): 23.07.2026			
09:30 AM-10:15 AM	Recapitulation of Day 9 & 10		Assigned Participant
10:15 AM – 11:00 AM (45 mins)	**Session 37:** Mainstreaming DRR into Education: Role of Eco-DRR Clubs & IUINDRR	PPT and Group Discussion	Sh. Rohit Kumar Assistant Professor NIDM
11:00 AM - 11:15 AM	**Tea Break**		
11:15 AM – 12:15 PM (60 mins)	**Session 38:** Nature-based Solutions for DRR: Best Practices	Interactive Lecture and Discussion	Dr. Prerna Joshi, Assistant Professor, NIDM

12:15 PM – 01:15 PM (60 mins)	**Session 39:** Demonstration: IDRN	PPT and Group Discussion	Sh. Rohit Kumar Assistant Professor NIDM
01:15 PM- 02:15 PM	**Lunch Break**		
02:15 PM – 03:15 PM (60 mins)	**Session 40:** Early warning systems and Common Alert Protocol for Disasters	PPT, Case Studies and Group Discussion	Sh. Amarjeet Kumar Assistant Professor NIDM
03:15 PM – 03:30 PM	**Tea Break**		
03:30 PM – 04:15 PM (45 mins)	**Session 41:** Leveraging Media & Social Media for DRR	PPT and Group Discussion	Dr. Prerna Joshi Assistant Professor NIDM
04:15 PM - 05:00 PM (45 mins)	**Session 42:** Digital Learning Initiatives of NIDM	PPT and interaction	Dr. Prerna Joshi Assistant Professor NIDM
Day 12 (Friday): 24.07.2026			
09:30 AM- 10:00 AM	Recapitulation of Day 11		Assigned Participant
10:00 AM- 11:00 AM (60 mins)	**Session 43:** Practical Aspects to Enhance Preparedness and Response During Disasters	PPT and Group Discussion	Representative NDRF
11:00 AM – 11:15 AM	**Tea Break**		
11:15 AM – 12:30 PM (75 mins)	**Session 44:** Strategic Leadership for DRR	Interactive Lecture	Gen. B. Chakarvarthi Retd. Indian Armed Force Officer (TBC)
12:30 PM- 01:30 PM	**Lunch Break**		
01:30 PM – 02:00 PM (30 mins)	**Session 45:** Feedback by the Participants and Post Training Assessment	Interactive Session	Dr. Prerna Joshi, Assistant Professor, NIDM

Valedictory Session (Friday): 24.07.2026		
02:00 PM - 02:10 PM	Summary of the Course	Sh. Manjeet Kumar Assistant Professor NIDM
02:10 PM- 02:15 PM	Key Takeaways of the Course	Sh. Rohit Kumar Assistant Professor NIDM
02:15 PM - 02:30 PM	Feedback Session	Col. P.S. Reddy Joint Director, NIDM & Sh. Randeep K. Rana Sr. Advisor NIDM
02:30 PM – 02:40 PM	Valedictory Address	Sh. Madhup Vyas, IAS. Executive Director, NIDM (TBC)
02:40 PM - 03:00 PM	Distribution of Certificates	
03:00 PM – 03:05 PM	Vote of Thanks	Dr. Prerna Joshi Assistant Professor NIDM
03:05 PM onwards	**Closing Tea**	