1ST
COMPREHENSIVE COURSE ON DRM

FOR THE YEAR 2026-27

FROM 6-17 APRIL 2026

VENUE- NIDM, VIJAYAWADA CAMPUS

(Two Weeks Residential Course)

National Institute of Disaster Management
Opp to 10TH Bn. NDRF, Near ADAVINEKKALAM, KONDAPAVALURU, KRISHNA DISTRICT
PIN- 521212

WWW.NIDM.GOV.IN

1ST Comprehensive Course on DRM

Contents

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 intensified 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.

2. 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 and destroyed 2.8 lakh houses (WB/Odisha) – 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, economic hardship in rural areas.

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

3. Rationale of the First Comprehensive Course on DRM for the year 2026-27

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 "First Comprehensive Course on DRM for the year 2026-27" at NIDM, Southern Campus, Vijayawada.

4. 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.

5. Learning Objectives of the Course

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

6. Target Group

Entry to mid-level officials (Group A and B) from the central, state, and local governments, such as SDMAs and ATI's, the Central Ministries/Departments, Universities/ Institutions members under IUINDRR Network (NIDM's managed network), and others engaged with 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.

7. Registration Process:

a. Online Pre-registration: The participants/concerned organizations may fill up the Google Form via this weblink : 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, April 6, 2026, from 9:15 AM at the venue (NIDM Southern Campus).

8. Methodology

The methodology of the Two-Week First Comprehensive Course on DRM for the year 2026-27 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 adopts a blend of instructional strategies to ensure 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 1873 Chicago wildfire, 2004 Samiyarpettai Tsunami Capacity building and response efforts, and cyclone response efforts in Biparjoy.

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, APSDMA and Community
- **Live Demonstrations:** Emergency response techniques (e.g., fire safety, search and rescue) conducted by professional services like the Andhra Pradesh 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 like risk financing, post-disaster recovery, and cross-cutting issues like health and gender.

F. Cross-Sectoral and Multi-Stakeholder Engagement-

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

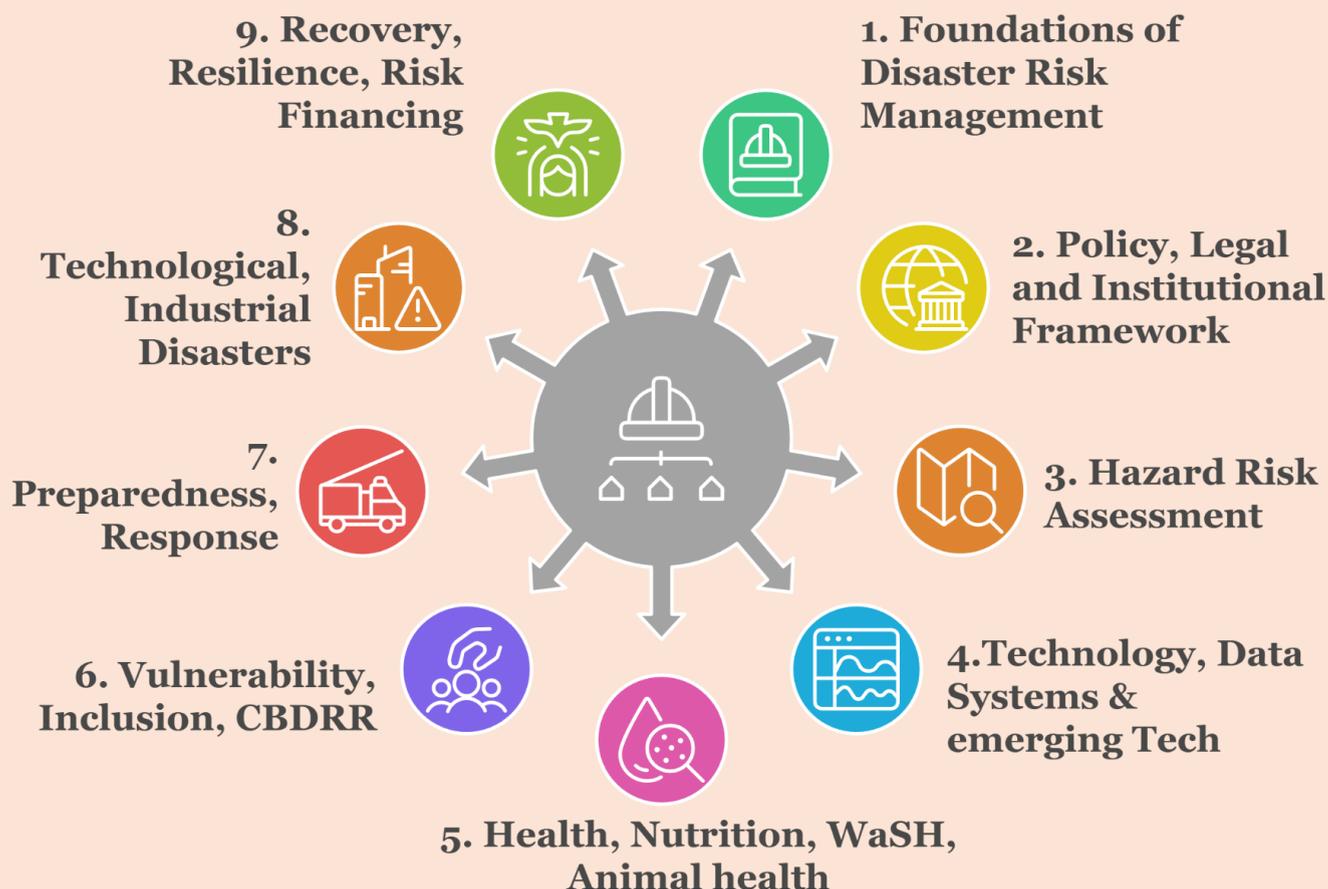## 9. Evaluation and Feedback Mechanism

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

10. Structure of the Training Module

The training programme is structured into nine thematic modules that progressively build participants' understanding from foundational concepts to advanced applications in disaster risk management. The course begins with modules on the fundamentals of disaster risk, policy frameworks, and hazard-risk assessment, followed by modules addressing technology and data systems, health and WaSH in disasters, and multi-dimensional vulnerabilities including gender, disability and community-based approaches. Subsequent modules focus on preparedness, response mechanisms, industrial and technological hazards, and specialized risks such as crowd and stampede management. The programme concludes with modules on disaster

recovery, risk financing, PDNA, and mainstreaming DRR into development planning. The structure combines lectures, demonstrations, group exercises, role plays, awareness videos, and field visits, including exposure to operational systems such as the IMD early warning centre and community-level disaster management practices, ensuring a balance between conceptual learning and practical application.

1st CC on DRM for 2026-27 Modules

- 9. Recovery, Resilience, Risk Financing
- 1. Foundations of Disaster Risk Management
- 8. Technological, Industrial Disasters
- 2. Policy, Legal and Institutional Framework
- 7. Preparedness, Response
- 3. Hazard Risk Assessment
- 6. Vulnerability, Inclusion, CBDRR
- 4.Technology, Data Systems & emerging Tech
- 5. Health, Nutrition, WaSH, Animal health

11.Module -wise details are as follows:

Module	Details
Module 1: Foundations of Disaster Risk Management	
Significance & Module Benefits	Introduces participants to the basic concepts of disaster management, evolving disaster risks, and the climate-disaster interface. It builds foundational understanding of disaster terminology, the disaster management cycle, and the growing complexity of extreme events. Participants gain conceptual clarity essential for understanding subsequent technical modules.
Sessions Covered	1. Overview of prevailing disasters and extreme events in India; 2. Basics of Disaster Management;

	3. Disaster Management Cycle and Mitigation; 4. Understanding climate-linked risks.
Module 2: Policy, Legal and Institutional Framework for DRR	
Significance & Module Benefits	Familiarizes participants with the governance architecture of disaster management in India and globally. The module strengthens understanding of the Disaster Management Act, institutional mechanisms, and global frameworks guiding DRR policies and strategies.
Sessions Covered	1. Legal and Institutional Framework for Disaster Management in India; 2. Global DRR Frameworks (Sendai Framework, SDGs, Paris Agreement); 3. Disaster Risk Governance and Whole-of-Government Approach.
Module 3: Hazard Risk Assessment and Climate Hazards	
Significance & Module Benefits	Builds analytical capacity to understand disaster risks associated with multiple hazards and climate extremes. The module enables participants to identify hazards, understand risk drivers, and apply tools for hazard-risk-vulnerability analysis.
Sessions Covered	1. Earthquake and Landslide Risk; 2. Heatwave and Coldwave Risk Management; 3. Drought and Emerging Climate Hazards; 4. Hazard Risk Vulnerability and Capacity Analysis (HRVCA) and practical exercises.
Module 4: Technology, Data Systems and Emerging Tools for DRR	
Significance & Module Benefits	Demonstrates how technology, data platforms, and digital tools support disaster risk reduction, early warning, and response coordination. Participants learn to use emerging technologies and national disaster databases.
Sessions Covered	1. IDRN, NDEM and NDMIS platforms; 2. GIS, Remote Sensing and UAV applications for risk assessment; 3. Multi-hazard early warning systems; 4. Technology-enabled risk management tools.
Module 5: Health, Nutrition, WaSH and One Health in Disasters	
Significance & Module Benefits	Focuses on disaster impacts on public health, sanitation, nutrition and disease transmission. It introduces the One Health approach linking human health, animal health and environmental systems to strengthen resilience against epidemics and zoonotic diseases.
Sessions Covered	1. Health emergencies and epidemics; 2. Health and nutrition during disasters with focus on WaSH; 3. One Health approach; 4. Zoonotic disease prevention and animal health in disasters.
Module 6: Vulnerability, Inclusion and Community-Based DRR	
Significance & Module Benefits	Examines social vulnerabilities and the importance of inclusive disaster risk reduction. Participants learn how gender, disability, age, and social marginalization influence disaster risk and recovery.
Sessions Covered	1. Multi-dimensional vulnerability assessment with focus on Gender; 2. Disability-inclusive DRR; 3. Child-centric DRR; 4. Life-cycle approach (elderly, children); 5. Community-based disaster risk reduction (CBDRR).
Module 7: Preparedness, Response and Emergency Management	

Significance & Module Benefits	Strengthens operational capacity in disaster preparedness and response. Participants gain hands-on exposure to response mechanisms, emergency communication, incident management systems and evacuation planning.
Sessions Covered	1. Incident Response System (IRS); 2. Emergency communication and media responsibility; 3. Preparedness and response mechanisms; 4. Rehabilitation centre management and MISP; 5. First aid, CPR and SAR demonstrations.

Module 8: Technological, Industrial and Human-Induced Disasters

Significance & Module Benefits	Introduces risks associated with industrial development, technological systems and large gatherings. The module enhances awareness of safety standards, hazard identification techniques and risk mitigation strategies.
Sessions Covered	1. Industrial hazards and accidental disasters; 2. Chemical safety and HSE frameworks; 3. Hazard identification techniques (HIRA, HAZOP); 4. Crowd management and stampede risk reduction; 5. Fire hazards and fire response.

Module 9: Recovery, Resilience and Risk Financing

Significance & Module Benefits	Focuses on post-disaster recovery and long-term resilience building through financial mechanisms and planning tools. Participants learn how recovery planning integrates with development and fiscal systems.
Sessions Covered	1. Disaster Risk Financing and 2. Risk Transfer mechanisms; 3. Post Disaster Needs Assessment (PDNA); 4. Rehabilitation and Building Back Better; 5. Mainstreaming DRR into development planning; 6. Ecosystem-based and nature-based solutions.

12. 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.

13. Expected Outcomes

At the end of the training programme, participants are expected to:

i. Develop a comprehensive understanding of disaster risk management concepts, including the disaster management cycle and evolving risk landscape in India.

ii. Gain familiarity with the legal, institutional, and policy frameworks for disaster management, including national and global DRR frameworks such as the Sendai Framework.

iii. Strengthen their capacity to identify and assess risks associated with multiple hazards, including earthquakes, floods, cyclones, droughts, heatwaves, and industrial hazards.

iv. Acquire practical knowledge of Hazard Risk Vulnerability and Capacity Assessment (HRVCA) and its application in planning and decision-making.

v.   Understand the role of technology, data systems, and platforms such as IDRN, GIS, Remote Sensing, and early warning systems in disaster risk reduction.

vi.   Enhance awareness of health emergencies, WaSH, nutrition, and the One Health approach, including animal health and zoonotic disease risks in disaster contexts.

vii.   Develop an understanding of multi-dimensional vulnerability, including gender, disability, children, elderly populations, and marginalized groups.

viii.   Strengthen knowledge of preparedness, response coordination, and emergency management mechanisms, including the Incident Response System and emergency communication.

ix.   Build awareness of industrial, technological, and human-induced disasters, including crowd and stampede risks and chemical hazards.

x.   Gain practical exposure to community-based disaster risk reduction approaches and field-level planning through field visits and experiential learning.

xi.   Understand the principles of post-disaster recovery, rehabilitation, and Build Back Better approaches, including the PDNA framework.

xii.   Develop insights into disaster risk financing, risk transfer mechanisms, and mainstreaming DRR into development planning for building long-term resilience.

14. Registration Process:

a) **Nomination(s) Link:** https://forms.gle/Fn39QgecLEUYb1u86 or scan QR code

b) **Confirmation:** After receiving the nominations, a confirmation email will be sent by NIDM to the nominated participants. Along with the confirmation email, a Google Form link will be shared with confirmed participants for providing additional details required for the programme. Only those who receive the confirmation mail will be permitted to attend the course.

c) **Offline Registration:** For confirmed participants, in-person registration will take place on Day 1 of the programme (06 April 2026) from 9:15 AM onwards at the venue.

Note: *Please bring your laptops for the course*

15. Boarding and Lodging

All participants are required to register through the Google Form link provided in confirmation mail. 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.

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

16. *CALM* – Cultural Activities for Learning and Mindfulness

⇒ **Yoga**

  o Every day from 6:30 AM to 7:15 AM, a yoga class will be conducted, covering a comprehensive routine designed to promote physical and mental well-being.

⇒ **Cultural Evening**

  o Participants will engage in both individual and group cultural activities, proudly showcasing the diverse traditions, arts, and heritage of their respective states. These activities will foster cultural appreciation, encourage collaboration, and highlight the rich cultural tapestry within the group.

⇒ **Movie review**

  o During the weekend, disaster management-related movies will be screened, followed by interactive class discussions.

⇒ **Disaster Management Games**

  o Participants will be taught disaster management-related games designed to enhance their practical skills in a fun and interactive way.

17. Conclusion

The First Comprehensive Course on DRM for the year 2026-27 is a vital step towards strengthening disaster resilience in India. It incorporates the integration of knowledge, tools, innovative technologies, and cross-sectoral strategies, and it empowers professionals to plan, respond, and recover effectively from disasters, supporting national goals and global commitments in disaster risk reduction and sustainable development.

18.Organizing Team

Patron	**Shri Madhup Vyas**, IAS, Executive Director, NIDM
Co-Patron	**Dr. Navneet Kumar**, Prof. NIDM **Col. P.S Reddy**, Joint Director, NIDM-Vijayawada
Course Coordinators	**Shri Rohit Kumar,** Assistant Professor, NIDM (rohit.nidm@nic.in)
Co- Course Coordinators	**Shri Amarjeet Kumar** Assistant Professor, NIDM (amarjeet.nidm@nic.in) **Shri Manjeet Singh** Assistant Professor, NIDM, (manjeetsingh.nidm@nidm.gov.in)
Program Team	**Thakur Deobardhan Kinwar**, Librarian, NIDM **Shri. Pradeep Goud**, Junior Consultant, Training, NIDM
	For further details or information, please contact: **Mr. Pradeep Goud, Junior Consultant, Training, Contact: +91 9963333067**

19. Schedule of the First Comprehensive Course on DRM for the year 2026-27

First Comprehensive Course on "Disaster Risk Management for the year 2026-27"				
April 06 -17, 2026				
Zero Module: Orientation and Evaluation				
Day - 1: 6 April, Monday				
Time	Sessions	Andragogy	Faculty	Remarks
09:00-09:30 (30 mins)	Registration	Google Form		
09:30-10:30 (60 mins)	Inauguration Session		Prof. Navneet Kumar, NIDM, Vijayawada Col. P.S Reddy, JD, NIDM Chinna Satyanarayana Sir, Assoc. Prof.	Rohit Kumar, AP Amarjeet Kumar, AP Manjeet Singh, AP
09:30-09:40 (10 minutes)	Welcome and facilitation		Pradeep Goud	
09:40-09:45 (5 mins)	Welcome Address		Manjeet Singh	
09:45-09:50 (5 minutes)	Inaugural address		Col. P.S Reddy, JD, NIDM	
09:50-10:00 (10 minutes)	Special Address		Prof. Navneet Kumar, NIDM, Vijayawada	
10:00-10:20 (20 minutes)	Key note Speech	Chief Guest		
10:20-10:30 (10 mins)	Group Photo			
10:30-11:00	High Tea			
11:00-12:15 (45 mins)	Pre-Training Evaluation and Icebreaking		Rohit Kumar	
Module 1: Foundations of Disaster Risk Management: Concepts				
Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
12:15-13:15 (60 mins)	Session 1: Overview of Prevailing Disasters, Extreme Events, and Climate Change Events in India	Lecture + group interaction	Prof. Navneet Kumar, NIDM, Vijayawada	1. https://www.undrr.org/media/79595/download?startDownload=20260309 2. https://bmtpc.org/topics.aspx?mid=56&Mid=180 3. https://nidm.gov.in/journal/PDF/Journal/1_Dec_

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
				2012/1_Dec_2012e.pdf 4. https://www.nidm.gov.in/pdf/trgReports/2021/October/Report_29Octo ber2021sk2.pdf 5. https://ndma.gov.in/sites/default/fil es/PDF/ndmp-2019.pdf 6. https://nidm.gov.in/journal/PDF/Journal/1_Dec_2012/1_Dec_2012e.pdf
13:15-14:00 (45 mins)	Lunch Break			
14:00-15:30 (60 mins)	Session 2: Basics of Disaster Management: Definitions and Critical issues	Lecture Group Discussion Quiz Mapping	Rohit Kumar	1. https://nidm.gov.in/PDF/Disaster_about.pdf 2. https://www.mha.gov.in/sites/default/files/NPDM-101209.pdf 3. https://ndma.gov.in/sites/default/files/PDF/LBSNAA/JSPP_NDMA.pdf 4. https://egyankosh.ac.in/bitstream/123456789/25910/1/Unit-2.pdf 5. https://cbseacademic.nic.in/web_material/publication/archive/natural%20hazards%20&%20disaster%20management. pdf
15:30-15:45 (15 mins)	Tea Break			
15:45-17:30 (60 mins)	Session 3: The DM Cycle: Focus on different Aspects and Mitigation	Lecture Group Activity - Matching the Disaster	Manjeet Singh	1. https://ndma.gov.in/sites/default/files/PDF/DM_act 2005.pdf 2. https://ndma.gov.in/sites/default/files/PDF/national-dm-policy2009.pdf
Day -2: 7 April, Tuesday Module -2: Policies, Plans and Global & National Framework for DRR				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:15-09:30 (15 mins)	Recapitulation DM in India (NPDRR video or any other latest)			1. https://nidm.gov.in/PDF/pubs/WGR_NIDMandIII_2021.pdf 2. https://cdri.world/upload/biennial/CH4.7- MI.pdf 3. https://sdgfinance.undp.org/sites/default/files/2025-01/Inclusive%20insurance%20and%20risk%20financing%20in%20India%20-20Snapshot%20and%20way%20forward%2

				02024.pdf
09:30-11:00 (90 mins)	Session 4: Legal Institutional Framework for Disaster Management in India	Lecture Interaction	Rohit Kumar	1. https://ndmindia.mha.gov.in/ndmi/images/262126.pdf 2. https://ndmindia.mha.gov.in/ndmi/images/262343.pdf 3. https://ndmindia.mha.gov.in/ndmi/viewUploadedDocument?uid=NEW732 4. https://ndma.gov.in/national-dm-policy 5. https://ndma.gov.in/Reference_Material/PM_Ten_Agenda 6. shttps://nidm.gov.in/pdf/pubs/hpc_report.pdf
11:10-11:15 (15 mins)	Tea Break			
11:15-12:45 (90 mins)	Session 5: Overview of Global DRR Frameworks Awareness Video -: What is Sendai Frame Work and PM's 10-point agenda	Lecture Interaction Audio Visual	Rohit Kumar	1. https://www.undrr.org/implementing-sendai-framework/what-sendai-framework#undrr-sf 2. https://unfccc.int/sites/default/files/english_paris_agreement.pdf 3. https://sdgs.un.org/goals 4. https://ndmindia.mha.gov.in/ndmi/images/pdf/40210_IND_NationalHFAprogress_2013-15.pdf 5. https://ndmindia.mha.gov.in/ndmi/global-frameworks-for-drr
12:45-13:45 (60 mins)	Lunch Break			
13:45-15:00 (75 mins)	Session 6: Role Play Activity based on Do's and Don'ts of various disasters Activity - Role Play: Dos' and Don'ts	Interaction Role play Experience Sharing	Rohit Kumar	1. https://nidm.gov.in/PDF/IEC/Dosnewnidm.pdf 2. https://ndma.gov.in/sites/default/files/PDF/pocketbook-do-dont.pdf 3. https://dmr.mizoram.gov.in/page/dos-and-donts-in-case-of-disaster 4. https://msdma.gov.in/publications/Do's_&_Don'ts_on_Various_Hazards_Garo.pdf
15:00-15:15 (15 mins)	Tea Break			

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
15:30-16:45 (75 mins)	Session 7: Disaster Risk Governance: whole of society and whole of government approach	Lecture Interaction Group Activity	Rohit Kumar	1. https://www.undrr.org/gar/gar2025 2. https://www.adb.org/sites/default/files/public at ion/646156/adbi-pb2020-5.pdf
16:45-17:00 (15 mins)	Summing Up	Peer to peer reflections		
Day -3: 8 April, Wednesday				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:00-09:15 (15 mins)	Recapitulation			
09:15-10:15 (60 mins)	Session 8: Understanding Risk and Risk mitigation for Earthquake and Landslides Awareness Video -: https://youtu.be/PLuruR7T Y4M?si=KxxKJ84Scx5aE8 6X)	Lecture Interaction	Shri Vinay Gaddam OR Resource person from IMD	1. https://ndma.gov.in/sites/default/files/ PDF/Guidelines/SimplifiedGuidelinesforeart hquake.pdf 2. https://ndma.gov.in/sites/default/files/ PDF/Guidelines/retrofitting- guidelines.pdf 3. https://ndma.gov.in/sites/default/files/ PDF/Guidelines/earthquakes.pdf 4. https://nidm.gov.in/PDF/pubs/EQ%20 North%20East.pdf 5. https://youtu.be/PLuruR7T Y4M?si=KxxKJ84Scx5aE86X)
10:15-11:15 (60 mins)	Session 9: Heatwave and Cold wave Risk Management Activity- Heat Action Plan	Lecture Interaction	Dr. Chinna Satyanarayana, Asso. Prof., NIDM, Vijayawada	1. https://www.undrr.org/publication/document s-and-publications/extreme-heat-risk-reduction-towards-common-global-framework 2. https://www.undrr.org/understanding-disaster-risk/terminology/hips/mh0502
11:15-11:30 (15 mins)	Tea Break			
11:30-13:00 (90 mins)	Session 10: Building Resilience: Understanding and Managing Droughts and Emerging Climate Hazards	Group Activity	Dr. Chinna Satyanarayana, Asso. Prof., NIDM, Vijayawada	1. https://nidm.gov.in/PDF/Disaster_about.pdf 2. https://www.mha.gov.in/sites/default/fi les/NPDM-101209.pdf 3. https://ndma.gov.in/sites/default/files/PDF/L BSNAA/JSPP_NDMA.pdf

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
13:00-14:00 (60 mins)	Lunch Break			
14:00- 15:15 (75 mins)	Session 11: Introduction to HRVC Analysis- Group Activity - HRVC exercises	Lecture Demonstration	Rohit Kumar	1. https://www.undrr.org/gar/gar2025 2. https://www.unisdr.org/files/52828_04 floodhazardandriskassessment.pdf 3. https://www.unisdr.org/files/52828_na tionaldisasterriskassessmentwiagu.pdf 4. https://ndma.gov.in/sites/default/files/ PDF/Guidelines/Guidelines-on-Management-of-GLOFs.pdf 5. https://nidm.gov.in/PDF/pubs/capres_D DRRC.pdf
15:15-15:30 (15 mins)	Tea Break			
15:30-16:30 (75 mins)	Session 12: From Databases to Drones: Transforming DM with **IDRN** and Emerging Technology Demonstration- 3- NDEM, NDMIS and IDRN online platforms	Lecture Interaction Demonstration	Manjeet Singh	1. https://sachet.ndma.gov.in/OnclickNotificati on13522-AAA 2. https://idrn.nidm.gov.in/About/Index 3. https://ndma.gov.in/sites/default/files/PDF/G uideli nes-of-IDRN.pdf 4. https://ndmindia.mha.gov.in/ndmi/ndmis
16:40-17:00 (15 mins)	Summing up	Peer to Peer Reflection		
Day-4: 9 April, Thursday				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:00-09:15 (15 mins)	Recapitulation	Quiz		
09:15-10:15 (60 mins)	Session 13: Preparedness and Risk Reduction for Health Emergencies and Epidemics Awareness Video -: https://www.youtube.com/ watch?v=y16aMLeh91Q)	Demonstration Interaction Awareness Activity- Film Showing	Ms. Ramya Jyoti, AIIMS, Mangalgiri	1. https://nidm.gov.in/PDF/Modules/Book_Part icipating.pdf 2. https://ndma.gov.in/sites/default/files/PDF/G uidelines/Guidelines_Mental_Health_Psycho social_Support_Dec23.pdf 3. https://nidm.gov.in/PDF/pubs/NDMA/18.pdf 4. https://ncdc.mohfw.gov.in/wp-content/uploads/2024/08/PUBLIC-HEALTH-GUIDELINES-FOR-FLOOD-EVENT.pdf

Time	Session	Method	Resource Person	Reading Material
				5. https://stacks.cdc.gov/view/cdc/12007
10:15- 11:00 (45 mins)	Session 14: Health and Nutrition during disasters and emergencies with focus on WaSH	Lecture and interaction	Ms. Ramya Jyoti, AIIMS, Mangalgiri	1. https://static.pib.gov.in/WriteReadData/specificdocs/documents/2023/jul/doc2023722227201.pdf 2. https://pmc.ncbi.nlm.nih.gov/articles/PMC12020068/ 3. https://pmc.ncbi.nlm.nih.gov/articles/PMC3148629/#:~:text=During%20nutritional%20emergency%2C%20relief%20foods,therapeutic%20feeding%20programs%20%5BTFPs%5D). 4. https://www.paho.org/en/health-emergencies/food-and-nutrition-disasters
11:00-11:15 (15 mins)	Tea Break			
11:15 - 12:15	Session 15: Building Resilience: Understanding and Managing Cyclones and Coastal Water Surge Group Activity/Exercise - Evacuation Exercises and Emergency kit preparation	Lecture Interaction Group Activity	Amarjeet Kumar	5. https://nidm.gov.in/PDF/pubs/CYCLONE_BIPARJOY_NIDM24.pdf 6. https://nidm.gov.in/PDF/pubs/FloodRM_NIDM2022.pdf 7. https://ndma.gov.in/sites/default/files/PDF/cyclone/cyclones.pdf 8. https://ndma.gov.in/sites/default/files/PDF/Floods/flood.pdf 9. https://ndma.gov.in/sites/default/files/PDF/Guidelines/cyclones.pdf 10. https://nidm.gov.in/PDF/modules/flood3.pdf
12:15: 13:15	Session 16: Multi-Dimensional Vulnerability Assessment with Focus on Gender	Group Activity/ Interactive Session	Rohit Kumar	1. https://nidm.gov.in/pdf/modules/gender.pdf 2. https://ndma.gov.in/sites/default/files/PDF/Guid elines/DIDRR.pdf 3. https://www.gfdrr.org/sites/default/files/publica tion/gender-equality-disaster-recovery.PDF 4. https://wrd.unwomen.org/sites/default/files/202 1-11/546_genderdisastersourcebook_0.pdf 5. https://www.unisdr.org/files/547_gendergoo

				dpra ctices.pdf 6. https://www.undrr.org/media/89321/download? startDownload=20250604
13:00-14:15 (60 mins)	Lunch Break			
14:15-15:30	Session 17: Cyber security and Disaster intersection	Lecture Interaction	Sri Anil Founder, eSF Labs Ltd., Cyber Security & Digital Forensics Research Centre, Vijayawada, AP Cell # 9930369920 anisetti@esflabs.com	1. https://www.dataguard.com/blog/cyber-security-and-disaster-recovery-plan-best-practices/ 2. https://www.emerald.com/ijdrbe/article-abstract/11/4/507/115868/Cyber-security-and-the-disaster-resilience?redirectedFrom=fulltext 3. https://www.ijraset.com/research-paper/cybersecurity-considerations-in-disaster-recovery-planning#:~:text=This%20article%20talks%20about%20the,access%20controls%2C%20and%20authentication%20measures. 4. https://www.undrr.org/media/47578/download?startDownload=20260309
15:30-15:45 (15 mins)	Tea Break			
15:45-16:45 (75 mins)	Session 18: Sectoral Impact of Disasters	Lecture Interaction Audio Visual	Manjeet Singh	1. https://www.bis.org/publ/work1292.htm 2. https://www.gfdrr.org/sites/default/files/SIA Vol_I.pdf\ 3. https://psychology.town/environmental/impact-natural-manmade-disasters-society/ 4. https://www.unwater.org/water-facts/water-and-disasters
16:45-17:00	Peer to peer discussion			
16:30 - 17:30 (60 mins)	Session 19: Disaster Management Planning	Activity and discussion	Rohit Kumar	1. https://ndmindia.mha.gov.in/ndmi/images/National%20Disaster%20Management%20Plan%20May%202016.pdf 2. https://nidm.gov.in/PDF/Modules/Handbook%20Labour_NIDM24.pdf 3. https://ndma.gov.in/sites/default/files/PDF/Guidelines_for_Preparation_of_DMP_for_Ministry-Departments_of_Govt._of_India.pdf

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
				4. https://nidm.gov.in/PDF/Modules/Handbook%20Labour_NIDM24.pdf 5. https://nidm.gov.in/PDF/guidelines/sdmp.pdf 6. https://nidm.gov.in/PDF/modules/village.pdf
18:20 -19:50	Cultural event			7.
Day-5: 10th April, Friday				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:00-09:15 (15 mins)	Recapitulation			
09:15-10:15 (60 mins)	Session 20: Flood Risk Assessment and strategies for preparedness for Urban floods Awareness Activity - Mapping Floods	Lecture Interaction Movie review Documentary: A Flood-Resilient Mumbai? (https://www.youtube.com/watch?v=hUvuKq67LTU)	Amarjeet Kumar	1. https://nidm.gov.in/PDF/pubs/ACTIVITY%20BOO K%20DM.pdf 2. https://nidm.gov.in/PDF/pubs/NDMA/18.pdf 3. https://ftp.itc.nl/pub/westen/Multi_hazard_risk_course/Exercises/Multi-hazard%20exercise%20book.pdf 4. https://nesac.gov.in/assets/resources/2020/12/HRVA_Manual.pdf 5. https://damsafety.cwc.gov.in/ecm-includes/PDFs/Guidelines_on_Risk_Analysis.pdf 6. https://qps.nhsrcindia.org/sites/default/files/2024-10/Risk%20Management_0.pdf 7. https://nidm.gov.in/PDF/pubs/ACTIVITY%20BOOK%20DM.pdf
10:15-11:15 (60 mins)	Session 21: Inclusive DRR: Disability inclusive DRR and marginalized groups inclusion	Participants experience sharing and lecture	Rohit Kumar	1. https://www.ijcrt.org/papers/IJCRT2309528.pdf 2. https://wrd.unwomen.org/practice/resources/intersectionality-marginalised-groups-disasters-bridging-gap-role-specialised 3. https://www.mdpi.com/2071- 1050/15/14/10754 4. https://www.undrr.org/news/inclusive-disaster-risk-reduction-means-resilience-everyone
11:15-11:30 (15 mins)	Tea Break			
11:30-12:30 (60 mins)	Session 22: Lightning and Thunderstorm Risk	Lecture and experience	Dr. Chinna Satyanarayana, Asso.	1. https://share.google/mo0SPQezsmUg535DD 2. https://ebooks.inflibnet.ac.in/geop15/chapter/

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
	Management	sharing	Prof., NIDM, Vijayawada	disaster-management-for-thunderstorms-and-lightning/ 3. https://ndma.gov.in/sites/default/files/PDF/Guidelines/Guidelines-on-TSL-HSW.pdf 4. https://imdnagpur.gov.in/docs_general/Thunderstorm_dos_and_donts.pdf
12:30- 1:15 (45 mins)	Session 23: Mainstreaming DRR into Education (Eco-club and games of disaster)	Discussion and scenario role play		
13:00-14:00 (60 mins)	Lunch Break			
14:00-15:15 (75 mins)	Session 24: Risk Assessment: Steps, Processes, Tools and Technologies	Demonstration 1- GIS, RS and UAV technologies and methods Exercise- Risk matrix	Prof. Navneet Kumar, NIDM, Vijayawada	1. https://nerdrr.gov.in/hrva.php 2. https://nesac.gov.in/assets/resources/2020/12/HRVA_Manual.pdf 3. https://nidm.gov.in/PDF/modules/geo.pdf 4. https://www.nrsc.gov.in/sites/default/files/pdf/ebooks/QRG_on_GIS.pdf
15:15-15:30- (15 mins)	Tea Break			
15:30-16:30	Session 25: Flames and Fallout: Fire Hazards, Community Impact, and the Fire Force Response Cycle	Lecture/Demonstration	AP fire services	1. https://ndma.gov.in/Resources/awareness/fire- safety 2. https://www.aerb.gov.in/images/PDF/fire.pdf 3. https://bharatskills.gov.in/pdf/QP_Curriculum/C TSFireman_CTS_NSQF-3.pdf 4. https://www.ntiprit.gov.in/pdf/infrastructure management/Fire_safety.pdf 5. https://mohua.gov.in/upload/uploadfiles/files/Ch ap-7.pdf
16:30: 17:30	Session 26: Fire Hazards Control and management	Demonstration	AP fire services	
Day -6: 11 April, Saturday				
Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
9:30-11:00 (90 mins- 45 +45 minutes)	Session 28: First Aid, FBO and CPR Session 27: Snake bite management	Demonstration	NDRF	1. https://www.indianredcross.org/publications/FA- manual.pdf 2. https://www.apollohospitals.com/health-library/why-is-first-aid-important

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
11:00-11:15- (15 mins)	Tea Break			
11:15-12:45	Session 29: SAR demonstration	Demonstration	NDRF	3. https://ncert.nic.in/textbook/pdf/iehp112.pdf 4. https://elearning.reb.rw/course/section.php?id=11871 5. https://ndrf.gov.in/sites/default/files/CAPACITY% 20BUILD.pdf 6. https://ndrf.gov.in/en/disaster-awareness
1:30- ~	Session 30(a): Field Visit -1: Field Visit to Model Village Community for Disaster Management Planning	Field Visit & Interaction		1. https://www.cadri.net/system/files/2021-09/CADRI%20-%20Good%20Practices%20-%20CBDRM_2020.pdf
	Session 30(b): Field Visit -2: Interaction and Transect Walk in the Village for Disaster Management Plan	Field Visit & Interaction		1. https://asdma.gov.in/download/modules/Community%20Based%20Disaster%20Preparedness-Peripheral%20Level.pdf
		Day -7: 12 April Sunday		
		Day -8: 13 April Monday		
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:00-09:15 (15 mins)	Recapitulation	Group Sharing		
9:15-10:15 (60 mins)	Session 31: Evolution of Disaster Risk financing in India (With 16th FC Recommendations)	Field Visit & Interaction	Safi Ahsan Rizvi Sir, IPS (Retd.), EX- ED of NIDM and ex member NDMA	1. https://nidm.gov.in/PDF/pubs/WGR_NIDMandIII_2021.pdf 2. https://www.oecd.org/content/dam/oecd/en/publications/reports/2024/02/fostering-catastrophe-bond-markets-in-asia-and-the-pacific_d1e98dc7/ab1e49ef-en.pdf 3. https://www.orfonline.org/research/fiscal-federalism-for-climate-action-in-india-expectations-from-the-16th-finance-commission
10:15 - 11:15 (60 mins)	Session 32: Risk Transfer Mechanisms: Insurance, Cat Bonds and Climate Risk Financing, CAMPA funds and future of risk financing	Lecture Interaction	Safi Ahsan Rizvi Sir, IPS (Retd.), EX- ED of NIDM and ex member NDMA	1. https://www.elibrary.imf.org/view/journals/066/2022/004/article-A001-en.xml 2. https://www.worldbank.org/ext/en/topic/financial-sector/disaster-risk-finance-and-insurance 3. https://nationalcampa.nic.in/

				4. https://documents.worldbank.org/en/publication/documents-reports/documentdetail/382141468759569928
11:15-11:30 (15 mins)	Tea Break			
11:30-13:00 (90 mins)	Session 33: The Message Matters: Emergency Communication and Media Responsibility in Disasters Awareness Video - https://www.youtube.com/watch?v=kUHjBUXs6vU	Lecture Interaction	Venu Gopal Lanka, Principal Correspondent, The Times of India - Andhra Pradesh	1. https://nidm.gov.in/PDF/Modules/NIDM_CDM2021.pdf 2. https://nidm.gov.in/PDF/Modules/NIDM_SBCC2021.pdf 3. https://www.nrsc.gov.in/sites/default/files/pdf/RD_Activities/Applications/14.pdf 4. https://www.nidm.gov.in/pdf/guidelines/new/ndmandmicsguidelines.pdf 5. https://www.preventionweb.net/hubs/disaster-risk-communication-hub/scenario
13:00-14:00 (60 mins)	Lunch Break			
14:00-15:15 (75 mins)	Session 34: Principles of Disaster Recovery: Integrating psychosocial recovery, Rehabilitation and Building Back Better	Lecture Interaction	Rohit Kumar	1. https://www.preventionweb.net/media/90528/download?startDownload=20250806 2. https://egyankosh.ac.in/bitstream/123456789/25891/1/Unit-15.pdf 3. https://www.undp.org/sites/g/files/zskgke326/files/publications/UNDP_Guidance_Note_Disaster%20Recovery_final.pdf 4. https://www.ifrc.org/sites/default/files/Final_-Literature-Review-on-Law-and-Recovery.pdf
15:15-15:30 (15 mins)	Tea Break			
15:30-16:15 (75 mins)	Session 35: PNDA SoP and R&R guidelines	Lecture Interaction	Amarjeet Kumar	1. https://www.mha.gov.in/sites/default/files/2024-08/DMGuideline_20082024.pdf 2. https://www.mha.gov.in/sites/default/files/2024-08/DMGuideline_20082024.pdf 3. https://nidm.gov.in/PDF/pubs/sop_pdna.pdf
16:30-17:30 (60 mins)	Session 36: PDNA Exercise: Housing Sector and Power	Exercise and Lecture	Rohit Kumar	1. https://ndma.gov.in/sites/default/files/PDF/Reports/NDMA_PDNA_Mar%202025.pdf

	Sector			

Day - 9: 14 April, Tuesday				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:00-09:15 (15 mins)	Recapitulation	Group Sharing		
09:15-10:15 (60 mins)	Session 37: Industrial hazards -common causes and triggers and	Lecture Interaction	Prof. OB Krishna, IIT Kharagpur (Retd.)	1. https://gyansanchay.csjmu.ac.in/wp-content/uploads/2022/04/DISASTER-MANAGEMENT_-Lecture-3.pdf 2. https://ncert.nic.in/vocational/pdf/ivsm105.pdf 3. https://damcop.com/wp-content/uploads/2024/10/UNIT-5-INDUSTRIAL-SAFETY_Batch-Compress.pdf
10:15 - 11:15 (60 mins)	Session 38: Toxic chemicals and safety measures and HSE framework	Lecture Interaction	Prof. OB Krishna, IIT Kharagpur (Retd.)	1. https://share.google/PwQdc75cwsxUnMx3S 2. https://www.hse.gov.uk/textiles/chemicals.htm 3. https://www.che.iitb.ac.in/old/hse-plan-guide-laboratory-hazards-and-safety-practices
11:15-11:30 (15 mins)	Tea Break			
11:30-12:45 (75 mins)	Session 39: Analysis identification (HIRA, HAZOP) and management of industrial and accidental hazards	Lecture Interaction	OB Krishna Sir, IIT Kharagpur	1. https://www.osha.gov/chemical-hazards 2. https://www.labour.gov.hk/eng/public/os/C/Chemsafe.pdf 3. https://blink.ucsd.edu/safety/research-lab/chemical/general/index.html
12:45-13:30 (45 mins)	Lunch Break			
14:00-15:15 (75 mins)	Session 40: Multi hazard early warning system and process	Demonstration Sachet App and Common Alert Protocol (CAP)	IMD Centre, SRM university	1. https://ndma.gov.in/sites/default/files/PDF/Guidelines/ndmandmicsguidelines.pdf 2. https://www.undrr.org/media/112480/download 3. https://www.undrr.org/reports/global-status-mhews-2025#ensuring-mhews-reach-those-most-at-risk

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
15:15-15:30 (15 mins)	Tea Break			
15:30-17:30 (75 mins)	Session 41: Preparedness and response and management of Rehabilitation center (Minimum standards of Relief/MISP)	Case Study Presentation	APSDMA	1. https://nidm.gov.in/PDF/pubs/NDMA/19.pdf 2. https://cdnbbsr.s3waas.gov.in/s3kv0404c8fb b5ea43930f39ad8910bdce/uploads/2024/09/ 2024090799.pdf 3. https://spherestandards.org/handbook/
Day -10: 15th April Wednesday			
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:15-09:30 (15mins)	Recapitulation	Group Sharing		
09:30 -10:30 (60 mins)	Session 42: Understanding the Incident Response System: Framework for Coordinated Disaster Response	Interaction / Role Play	Dr. WG Prasanna Kumar	1. https://ndma.gov.in/sites/default/files/PDF/Gui deline s/incidentresponsesystemjuly.pdf 2. https://nidm.gov.in/PDF/modules/irs-1.pdf 3. https://nidm.gov.in/PDF/modules/irs-2.pdf 4. https://nidm.gov.in/PDF/modules/irs-3.pdf 5. https://nidm.gov.in/PDF/modules/irs-4.pdf 6. https://nidm.gov.in/PDF/modules/irs-6.pdf 7. https://nidm.gov.in/PDF/modules/irs-7.pdf 8. https://nidm.gov.in/PDF/modules/irs-8.pdf 9. https://nidm.gov.in/PDF/modules/irs-9.pdf 10. https://nidm.gov.in/PDF/modules/irs-10.pdf
10:30- 11:30 (60 mins)	Session 43: Crowd Management and Stampede Risk Reduction: Risk science, tools and techniques	Role play	Dr. WG Prasanna Kumar	1. https://ndma.gov.in/crowd-management 2. https://www.who.int/publications/i/item/9789240 104846 3. https://www.who.int/activities/managing-health-risks-during-mass-gatherings
11:30-11:45 (15 mins)	Tea Break			
11:45-13:15 (90 mins)	Session 44: Indigenous knowledge for DRR (focus on Indic Knowledge system)	Presentation	Rohit Kumar	1. https://www.preventionweb.net/files/3646_Indige nousKnowledgeDRR.pdf 2. https://www.undrr.org/words-into-action/traditional-and-indigenous-knowledges-drr 3. https://www.jnu.ac.in/Faculty/scgarkoti/tks/pdf/1 5.DM_Disaster-Management.pdf
13:00-14:00 (60 mins)	Lunch Break			

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
14:00-15:00 (75mins)	Session 45: Introduction to One Health approach in DRR and tools and techniques of protecting animals during disasters	Lecture and interaction	Dr. P. Mathialingan (TBD)	1. https://www.who.int/news-room/questions-and-answers/item/one-health 2. https://www.undrr.org/understanding-disaster-risk/terminology/hips/bi0113 3. https://www.cdc.gov/one-health/media/pdfs/2025/01/354391-A-NOHF-ZOONOSES-508_FINAL.pdf
15:00-15:15 (15mins)	Tea Break			
15:15-16:00 (75mins)	Session 46: Epidemiology od Zoonotic diseases and techniques of prevention & management of zoonotic diseases	Lecture and Discussion	Dr. P. Mathialingan (TBD)	1. https://www.woah.org/app/uploads/2024/06/oh-tackling-zoonotics-pandemics.pdf
16:00- 16:45 (45 minutes)	Session 47: Mainstreaming DRR into Development Planning (GPDP and Municipal Plan)	Lecture and Discussion	Manjeet Singh	1. https://www.youtube.com/watch?v=9G9Q5YLqgKU 2. https://ndma.gov.in/sites/default/files/PDF/LBSNAA/PRI.pdf 3. ttps://cdnbbsr.s3waas.gov.in/s316026d60ff9b54410b3435b403afd226/uploads/2023/05/2023053064.pdf
16:45-17:00 (15 mins)	Summing up	Peer to Peer reflection		
Day -11: 16 April, Thursday				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:15-09:30 (15 mins)	Recapitulation	Group Sharing		
09:30-10:30 (60 minutes)	Session 48: Local Actions: Advancing inclusive and participatory Community-Based DRR Case study - Odisha's Village Disaster Management Committee	Lecture + Q&A + Real-life experiential story telling	Rohit Kumar	1. https://nidm.gov.in/journal/PDF/Journal/NIDM JOURNAL_JanJun2024/NIDMJOURNAL_JanJun20243.pdf 2. https://ndma.gov.in/sites/default/files/PDF/Guidelines/CBDRR_Guidelines_Oct_2024.pdf 3. https://www.youtube.com/watch?v=X8wmED7bHOw

Time	Session	Method	Facilitator	References
10:30 -11:30 (60 minutes)	Session 49: Child Centric DRR, Child Protection and Child Rights	Group Activity- Resilience Tree	Rohit Kumar	1. https://www.ungei.org/publication/wha t-child-protection-emergencies 2. https://www.savethechildren.org/us/wh at-we-do/protection/protecting- children-in-emergencies 3. https://www.childwelfare.gov/resources/what-child-welfare-guide-disaster- preparedness-and-response- professionals/ 4. https://resourcecentre.savethechildren. net/document/protecting-children-armed-conflict-and-natural-disaster
11:15-11:30 (15 mins)	Tea Break			
11:30-12:15 (45 mins)	Session 50: Damage and loss assessment in Horticulture Sector	Lecture and Discussion	Rohit Kumar	1. https://www.undrr.org/words-into-action/engaging-children-and-youth-disaster-risk-reduction-and-resilience-building 2. https://knowledge.unicef.org/CEED/resource/engaging-children-and-youth-disaster-risk-reduction-and-resilience-building
12:15-13:00 (45 mins)	Session 51: Life cycle approach for Disaster Risk Reduction-focus on senior citizens	Lecture and Discussion	Amarjeet Kumar	1.https://www.doers.ngo/post/children-youth-disaster-resilience 2.https://www.unisdr.org/files/29304_bookunisdrfinishweb.pdf
13:00-14:00 (60 mins)	Lunch Break			
14:00-15:15 (75 mins)	Session 52: Mental health and psychosocial first aid technique	Lecture and Discussion	Rohit Kumar	1. https://www.adb.org/sites/default/files/publication/885861/disaster-recovery-planning-explanatory-note-case-study.pdf 2. https://www.unisdr.org/files/53213_bbb.pdf
15:15-15:30 (15 mins)	Tea Break			
15:30-16:45 (75 minus)	Session 53: Techniques of promoting psychosocial care in disasters Group Activity- Sensitization exercise on Psychological	Lecture and interaction	Rohit Kumar	1. https://ndma.gov.in/sites/default/files/PDF/ 2. ndmp-2019.pdf (Chapter 9) 3. https://ndmindia.mha.gov.in/ndmi/viewUploaded Document?uid=NEW2164 4. https://nidm.gov.in/pdf/pubs/DRR-LTR.pdf 5. https://nidm.gov.in/PDF/pubs/sop_pdna.df

Time	Sessions	Pedagogy	Faculty	Suggested Reading Materials
	Recovery			6. https://ssdma.nic.in/uploads/pdffiles/guidelines_recovery_reconstruction-india_draft_dloomba.pdf
16:45-17:00 (15 minus)	Summing up	Peer to Peer reflection		
Day -12: 29 Aug, 2025				
Time	**Sessions**	**Pedagogy**	**Faculty**	**Suggested Reading Materials**
09:00-09:15 (15 mis)	Recapitulation	Group Sharing		
09:15-10:15 (60 mins)	Session 54: Role of private sector and Disaster Risk Reduction focus on corporate social responsibility and Business Continuity Planning for Resilience	Lecture and Discussion	Rohit Kumar	1. https://internationaljournalofdisasterriskmanagement.com/index.php/Vol1/article/view/88 2. https://share.google/OMv3gmmRk71CKspmw 3. https://share.google/XtrkvROSfGkt3Qnc8 4. https://www.everbridge.com/blog/business-continuity-planning-for-the-manufacturing-industry/ 5. https://share.google/fNjAdgkP8dYSzP1tr
10:15-11:15 (60 mins)	Session 55: Climate Change Risk Management: Ecosystem based approach and Nature based solutions for DRR	Lecture and Discussion	Dr. Chinna Satyanarayana, Asso. Prof., NIDM, Vijayawada	1. https://www.undrr.org/words-action-nature-based-solutions-disaster-risk-reduction 2. https://www.undrr.org/publication/good-practices-increasing-application-nature-based-solutions-and-ecosystem-based 3. https://www.undrr.org/media/104333/download
10:15-11:30 (15 mins)	Tea Break			
11:30-12:30 (60 mins)	Session 56: Group Activity: Learnings and Action Plan	Group Presentation making		
12:30-13:30 (60 mins)	Lunch Break			
13:30-14:45 (75 mins)	Group Presentation	Feedback and discussion		
14:45-15:45	Post Training Evaluation and Feedback	Survey	Course Coordinator(s)	
Valedictory Session				
15:45 – 15:50	Course Report Presentation	Rohit Kumar	Assistant Professor and Course Coordinator	

1st Comprehensive Course on "Disaster Risk Management"- for 2026-27

15:50-16:00	Way Forward and Felicitations	Prof. Navneet Kumar	Professor	
16:00-16:15	Special Address	Col. PS Reddy	JD, NIDM	
16:15-16:25	Chief Guest Address	TBD		
16:25-17:00	Distribution of Certificates			
17:00-17:05	Vote of Thanks	Amarjeet Kumar	Assistant Professor	