ANNUAL REPORT

2022-23

Resilient India - Disaster Free India

National Institute of Disaster Management

(Ministry of Home Affairs, Government of India)

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Annual Report of NIDM 2022-23

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

National Institute of Disaster Management (NIDM)

VISION

"To be a premier institute of excellence for training and research on disaster risk mitigation and management in India and to be recognized as one of the leading institutions at the international level in the field. To strive relentlessly towards making a disaster free India by developing and promoting a culture of prevention and preparedness at all levels."

First Meeting of Institute (Body) held on 18 April 2007

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ABBREVIATIONS & ACRONYMS

ASDMA	Assam State Disaster Management Authority
AFMC	Armed Forces Medical College
AYUSH	Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homeopathy
ATI	Administrative Training Institutes
BSDMA	Bihar State Disaster Management Authority
CAP-RES	Climate Adaptive Planning for Resilience and Sustainability Development
CAP	Common Alerting Protocol
CAS	Consultancy/Advisory Services
CBDRM	Community Based Disaster Management
CBDRR	Center for Community Based DRR
CBO	Community Based Organization
CCA	Climate Change Adaptation
CCDRR	Child Centric Disaster Risk Reduction
CDH	Centre for Disaster and Health
CFM	Conference Management
CHR	Center for Cultural Heritage
CID	Critical Infrastructure DRR
CII	Confederation of Indian Industry
CRE	Climate Resilience & Environment
CRMD	Cyber Risk Management Division
CWC	Central Water Commission
CYD	Cyber Disaster Management
DCPC	Department of Chemicals and Petrochemicals
DMC	Disaster Management Committee
DMP	Disaster Management Plan
DLM	DRR Lab and Museum

DRR	Disaster Risk Reduction
DRR & R	Disaster Risk Reduction and Resilience
DRRD	Disaster Response and Recovery Division
DRVC	Disaster, Risk and Vulnerability Conference
DSHR	Disaster Safe Housing & Retrofitting
DST	Department of Science & Technology
EPR	Emergency Preparedness and Response
ERMD	Environmental Disaster Risk Management Division
ERSS	Emergency Response Support System
EWC	Early Warning Communication
FBD	Forest & Biodiversity DRR
FDP	Faculty Development Program
FICCI	Federation of Indian Chambers of Commerce & Industry
GBU	Gautam Budha University
GoI	Government of India
GPDP	Gram Panchayat
GFDRR	Global Facility for Disaster Reduction and Recovery
GIDD	Governance & Inclusive Disaster Risk Reduction
GIN	Gender issues and special needs
GIS	Geographic Information System
GMRD	Geo-meteorological Risk Management Division
GPL	Geographical Planning
GP-DRR	Gram Panchayat Level Disaster Risk Reduction
HADRR	Humanitarian Assistance Disaster Relief
HERCAP	Health Adaptation and Resilience: Advancing Strategic Knowledge and Capacities
HRVCA	Hazard Risk Vulnerability Capacity Analysis
IHBA	Institute of Human behaviour and Allied Sciences
IMS	Incident Management System
IRS	Incident Response System
ILDM	Institute of Land and Disaster Management
IPSHEM	Institute of Petroleum Safety, Health and Environment Management
IDRN	India Disaster Resource Network

IEC	Information Education and Communication
IIT	Indian Institute of Technology
IUINDRR	India Universities and Institutions Network on Disaster Risk Reduction
JMI	Jamia Millia Islamia
JNV	Jawahar Navodaya Vidyalaya
KSDMA	Karnataka State Disaster Management Authority
MCT	Mass Congregation and Transport
MGSIPA	Mahatma Gandhi State Institute of Public Administration
MHA	Ministry of Home Affairs
MIMHANS	Meghalaya Institute of Mental Health and Neurological Sciences
MoC&F	Ministry of Chemicals and Fertilizers
MoEFCC	Ministry of Environment, Forest and Climate Change
MoHFW	Ministry of Health and Family Welfare
MoU	Memorandum of Understanding
NADMP	National Agriculture Disaster Management Plan
NbS	Nature-based Solutions
NCDC	National Centre for Disease Control
NCPC-DMP	National Chemicals and Petrochemicals Disaster Management Plan
NCNCON	National Critical Care Nursing Conference
NCRMP	National Cyclone Risk Management Project
NDMA	National Disaster Management Authority
NDMP	National Disaster Management Plan
NDRF	National Disaster Response Force
NEFC-DMP	National Environment Forest and Climate Disaster Management Plan
NGO	Non-Government Organization
NIC	National & International Cooperation
NINI	National Inland Navigation Institute
NPDRR	National Platform for Disaster Risk Reduction
NYKS	Nehru Yuva Kendra Sangathan
OCHA	Office for Coordination of Humanitarian Action
OL	Official Language
OSDMA	Odisha State Disaster Management Authority

OPAC	Online Public Access Catalogues
PDNA	Post-Disaster Needs Assessment
PDR	Post-disaster Reconstruction
PFA	Psychological First Aid
PGA	Peak Gravitational Acceleration
PHEDM	Public Health Emergency & Disaster Management
PTSD	Post-Traumatic Stress Disorder
RAKNPA	Rafi Ahmed Kidwai National Postal Academy
RID	Resilient Infrastructure Division
RRR	Response, Relief & Recovery
SBCC	Social and Behavior Change Communication
SCO	Shanghai Cooperation Organization
SDG	Sustainable Development Goals
SDMA	State Disaster Management Authority
SFDRR	Sendai Framework for Disaster Risk Reduction
SIDS	Small Island Developing States
SSP	Self-Study Programmes
TSS	Training Support Services
ToT	Trainer of Trainer
UN	United Nations
UNDP	United Nations Development Programme
UNFPA	United Nations Population Fund
UNICEF	United Nations International Children's Emergency Fund
UNHCR	United Nations High Commissioner for Refugees
UPSDMA	Uttar Pradesh State Disaster Management Authority
WB	World Bank
WFP	World Food Programme
WHO	World Health Organization
WLD	Water and Land DRR

nidm
Resilient India - Disaster Free India

राजेन्द्र रत्नू, भा. प्र. से.
कार्यकारी निदेशक

Rajendra Ratnoo, IAS
Executive Director

सत्यमेव जयते

आज़ादी का अमृत महोत्सव

G20 भारत 2023 INDIA वसुधैव कुटुम्बकम् ONE EARTH • ONE FAMILY • ONE FUTURE

राष्ट्रीय आपदा प्रबंधन संस्थान
National Institute of Disaster Management
(गृह मंत्रालय, भारत सरकार)
Ministry of Home Affairs, Govt. of India
प्लॉट नं. 15, ब्लॉक बी, पॉकेट 3,
सेक्टर 29, रोहिणी, दिल्ली - 110042
Plot No. 15, Block B, Pocket 3,
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From the Desk of Executive Director

In India, disaster has been a recurrent happening due to its both natural and manmade causes unique geographical conditions. For safeguarding the lives and livelihoods of Indian population from such destructive occurrences, disaster management plays the pivotal role. Based on the cumulative experience and evolving contours of knowledge, there has been a paradigm shift in the field of disaster management in the past few years.

I am delighted to present the Annual Report of the National Institute of Disaster Management, New Delhi for the year 2022-23. The report has covered the necessary contribution of NIDM in striving to spread awareness, inter-alia, on disaster risk reduction and disaster mitigation. 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. NIDM has performed a crucial role in bringing disaster risk reduction to the forefront of the national agenda and bridging knowledge gaps on DRR amongst the varied level of stakeholders, particularly, state government organizations.

To ease the integration of disaster risk management into developmental planning across the sectors and at all levels, from the national to the local, the Government of India constituted a multi-stakeholder National Platform for Disaster Risk Reduction (NPDRR) for broader engagement with other stakeholders such as Media, International Organizations, NGOs, other scientific and academic institutions. The 3rd meeting of

NPDRR on the theme of "Building Local Resilience in Changing Climate" was organized from March 10-11 2023 at Vigyan Bhawan, New Delhi under the chairmanship of Hon'ble Prime Minister, Shri Narendra Modi. The meeting deliberated on different aspects to build local resilience against disasters with special focus on Prime Minister's ten point Agenda on Disaster Risk Management and its relevance in integrated Implementation of Sendai Framework for Disaster Risk Reduction (SFDRR), Paris Climate Agreement and Sustainable Development Goals (SDGs).

In pursuant to the Hon'ble Prime Minister's Ten Point Agenda 6 on Disaster Risk Reduction, the Indian Universities and Institutions Network on Disaster Risk Reduction (IUINDRR-NIDM) has been established by NIDM. It is a step towards the goals of Global issues on Climate Change Adaptation (CCA), Sendai Framework for Disaster Risk Reduction (2015-2030), and Sustainable Development Goals (SDG), for promoting education, innovative technology and research, facilitate capacity development, and contribute to decision-making for addressing local risks and the needs of the most vulnerable sections of community affected by various disasters.

Hitherto, during pandemic, NIDM continuously delivered and organized a range of training, capacity building programmes and ToT programmes through virtual platform viz., Online Training Programmes, Webinars, Online Workshops/Conferences/Seminars etc. Now, NIDM has rescheduled to face-to-face training programmes in-house and off campus as well by adopting modern pedagogies and ensuring efficient training delivery.

The Annual Report presents a glimpse of the activities and programmes that NIDM has initiated and fostered to promote with new insights of the work conducted by the Institute and take it further to various cross-sections of the society. Our vision is to create a Disaster Resilient India by building capacities at all levels for disaster prevention and preparedness. I would like to express my compliments for supporting the endeavour and for the co-operation extended by Ministry of Home Affairs, National Disaster Management Authority and other Government departments and academic institutes.

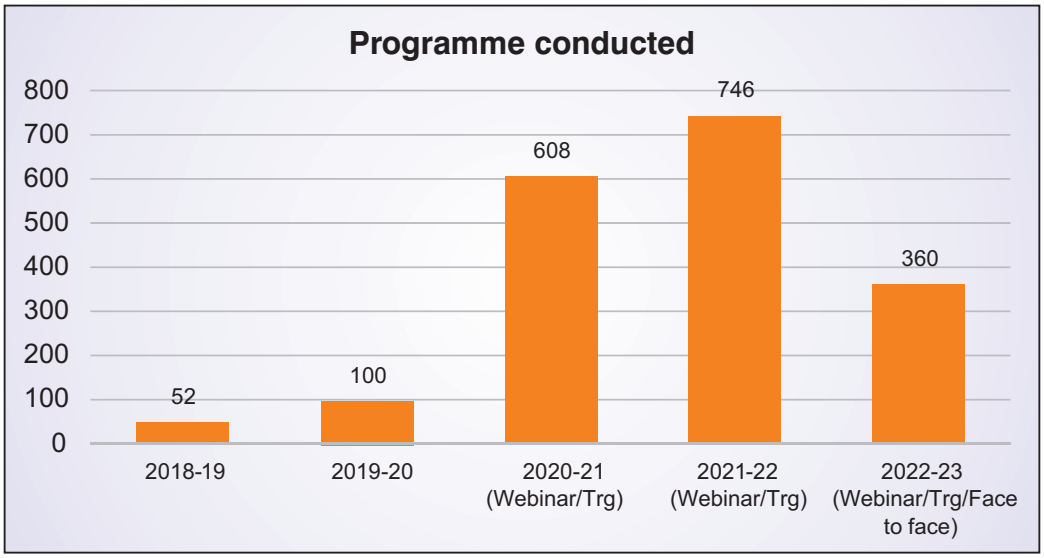
NIDM will continue to contribute to the combined effort to build a disaster resilient community through training and capacity building so that individuals singly or collectively become disaster ready.

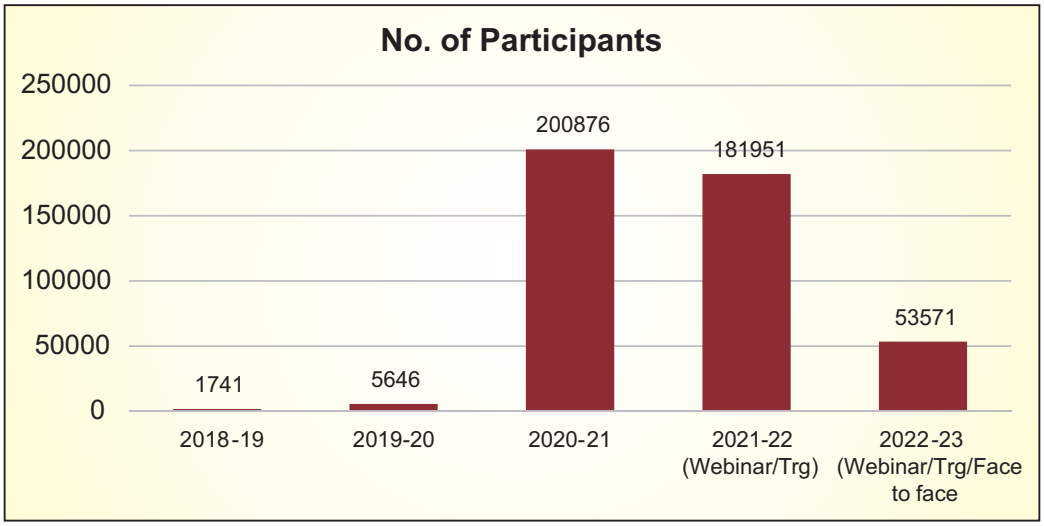


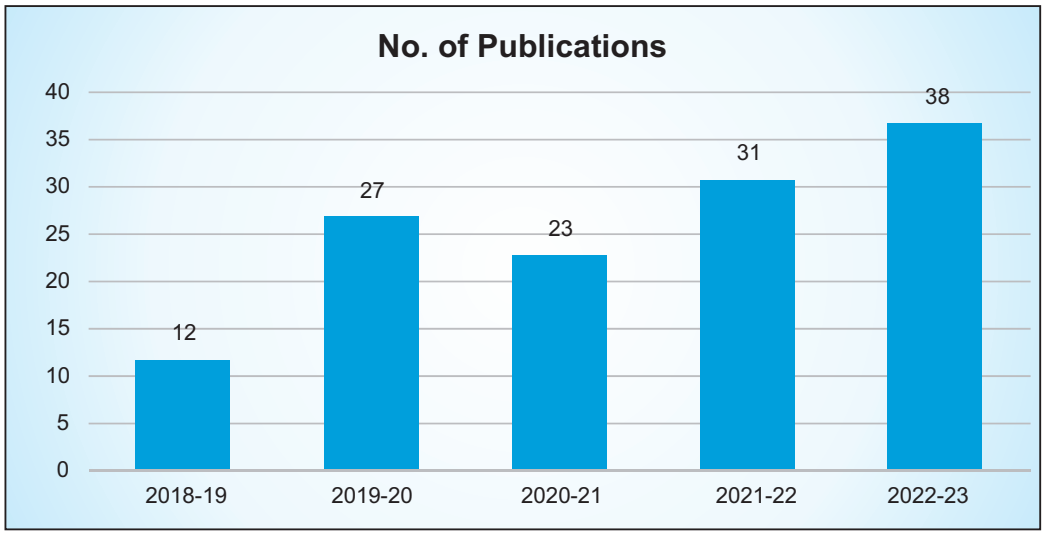
(Rajendra Ratnoo)

REVIEW OF ACTIVITIES

This year, 154 Webinars were conducted and attended by 24154 participants. Subsequently, 80 three days Online Training Programs were also conducted, which 21717 participants attended. There was an overall rise in the Webinars/training programs conducted for States/UTs. 126 Face-to-Face Programme & 19 workshops were conducted, attended by 7700 participants. In 2022-23, 31 States/UTs were covered. The total number of publications by NIDM in 2022-23 was 38. The following graphical depictions summarize the relative increase in various activities over the years in NIDM.






No. of Publications
40
35
30
25
20
15
10
5
0
12
27
23
31
38
2018-19
2019-20
2020-21
2021-22
2022-23

CHAPTER 1

OVERVIEW

OVERVIEW

1.1 About the Institute

National Institute of Disaster Management (NIDM) constituted on 30.10.2006[1] under the Disaster Management Act, 2005 has been entrusted with the responsibility for planning and promoting training and research in the area of disaster management, documentation and development of the database at national level pertaining to disaster management policies, prevention mechanism and mitigation measures[2] . Re-designated from the National Centre for Disaster Management housed in Indian Institute of Public Administration on 16 October 2003, NIDM is steadily marching towards the mission of making a disaster resilient India by developing and promoting a culture of prevention and preparedness at all levels.

1.2 Management Structure

As per the National Institute of Disaster Management Rules, 2006, has two bodies namely the Institute and the Governing body. The Institute consists of 42 members comprising Secretaries of various Nodal Ministries/Departments of Government of India and State Governments, heads of relevant national level scientific, research and technical organizations, besides eminent, scientists and DRR practitioners. Hon'ble Union Home Minister is the President of the Institute. NIDM has been working within the broad policies and guidelines laid down by the National Disaster Management Authority.

The Institute has a Governing Body of 15 members chaired by the Vice Chairperson of National Disaster Management Authority and Home Secretary as Vice-chairperson[3]. The Executive Director runs the day-to-day administration of the Institute.

The Institute has the following Academic Divisions:

- Governance & Inclusive DRR Division (GIDD)
- Disaster Response & Recovery Division (DRRD)
- Geo-meteorological Risk Management Division (GMRD)
- Resilient Infrastructure Division (RID)
- CBRN and Cyber Risk Management Division (CRMD)
- Environmental Disaster Risk Management (ERMD)

Besides above stated divisions, Institute has 21 centers and 7 functional coordination cells.

[1]NIDM has been constituted w.e.f. 30.10.2006 vide S.O. 1862(E)
[2]The Disaster Management Act 2005, Section 42(8)
[3]Section 6 of NIDM Rules 2006

1.3 Mission

- To work as a think tank for the Government by providing assistance in policy formulation[4];
- To facilitate in reducing the incidences and impacts of disasters through:
  - Planning and promoting training and capacity building services.
  - Research, documentation and development of national level information base.
  - System development and expertise promotion for effective disaster preparedness and mitigation.
  - Promoting awareness and enhancing knowledge and skills of all stakeholders.
  - Strengthening institutional mechanisms for training and capacity building of all stakeholders.
  - Networking and facilitating exchange of information, experience and expertise.

1.4 Functions

Under the Disaster Management Act 2005, the Institute has been entrusted with the following functions[5]:

- To develop training modules, undertake research and documentation in disaster management and organize training programmes.
- To formulate and implement a comprehensive human resource development plan covering all aspects of disaster management.
- To provide assistance in national level policy formulation.
- To provide required assistance to the training and research institutes for development of training and research programmes for various stakeholders.
- To provide assistance to the State Governments and State Training Institutes in the formulation of State level policies, strategies, disaster management framework and any other assistance as may be required for capacity building.
- To develop educational materials for disaster management including academic and professional courses.
- To promote awareness among stakeholders including college or school teachers and students, technical personnel and others associated with multi-hazard mitigation, preparedness and response measures.
- To undertake, organize and facilitate study courses, conferences, lectures, and seminars within and outside the country to promote the aforesaid objectives.
- To undertake and provide support for publication of journals, research papers, reports and training manuals as well as establish and maintain libraries etc.

[4]First Management Committee Meeting Agenda
[5]The Disaster Management Act, Section 42(9)

- To do all such other lawful things as are conducive or incidental to the attainment of the above objects.
- To undertake any other function as may be assigned to it by the Central Government.

1.5 Thrust Areas

1.5.1 Training

1. **Face-to-Face Training:** NIDM conducts both on-campus and off-campus training programmes on various themes covering a wide range of subjects and sectors for government officials and other stakeholders.
2. **Web-Based Online Training:** The Institute conducts online training programmes on various specialized subjects related to disaster management. Users can register and use the online study portal.
3. **Self-Study Courses:** The Institute has introduced web-based self-study courses in which anyone from anywhere at any time can log on and learn by going through the courses.
4. **Workshops/Seminars/Consultations:** The Institute conducts Workshops/Seminars/ Consultations/Conferences on different subject areas of disaster management.

1.5.2 Research & Documentation

NIDM documents major disasters taking place in the country to learn the lessons on its management and use the case studies as resource materials for developing modules and simulation exercises.

1.5.3 Policy Studies & Support

NIDM, being a knowledge and research based Institute, provides support to MHA, NDMA and other stakeholders in the preparation of national level guidelines, policies, and plans etc. NIDM provides assistance to the State Governments and State Training Institutes in the formulation of State level policies, strategies, disaster management framework and any other assistance as required by them (State Governments or State Training Institutes) for capacity building of stakeholders.

1.5.4 Knowledge Integration

NIDM has been performing knowledge integration through networking, and collaboration with a number of National and International level scientific, technical, and other specialized organizations on programme based activities for training, research, documentation etc.

*****

CHAPTER 2

ORGANIZATIONAL SETUP

ORGANIZATIONAL SETUP

The Union Home Minister is the Institute's President, and Executive Director is its ex-officio Member Secretary. The Institute consists of 42 Members, which include Secretaries of various nodal Ministries and Departments of Government of India and State Governments as well as heads of national-level scientific, research and technical organizations, besides eminent scholars, scientists, and practitioners **(8.1 Annexure - I: List of Members of the Institute).**

The Institute has a Governing Body chaired by the Vice Chairperson of National Disaster Management Authority (NDMA), and Union Home Secretary serves as the Vice Chairperson of the Governing Body of the Institute **(8.2 Annexure - II: List of Members of the Governing Body of the Institute).**

The Institute has 6 Academic divisions and 21 specialized centers supported by 7 functional coordination cells (Figure 2.1).

2.1 Organizational Structure

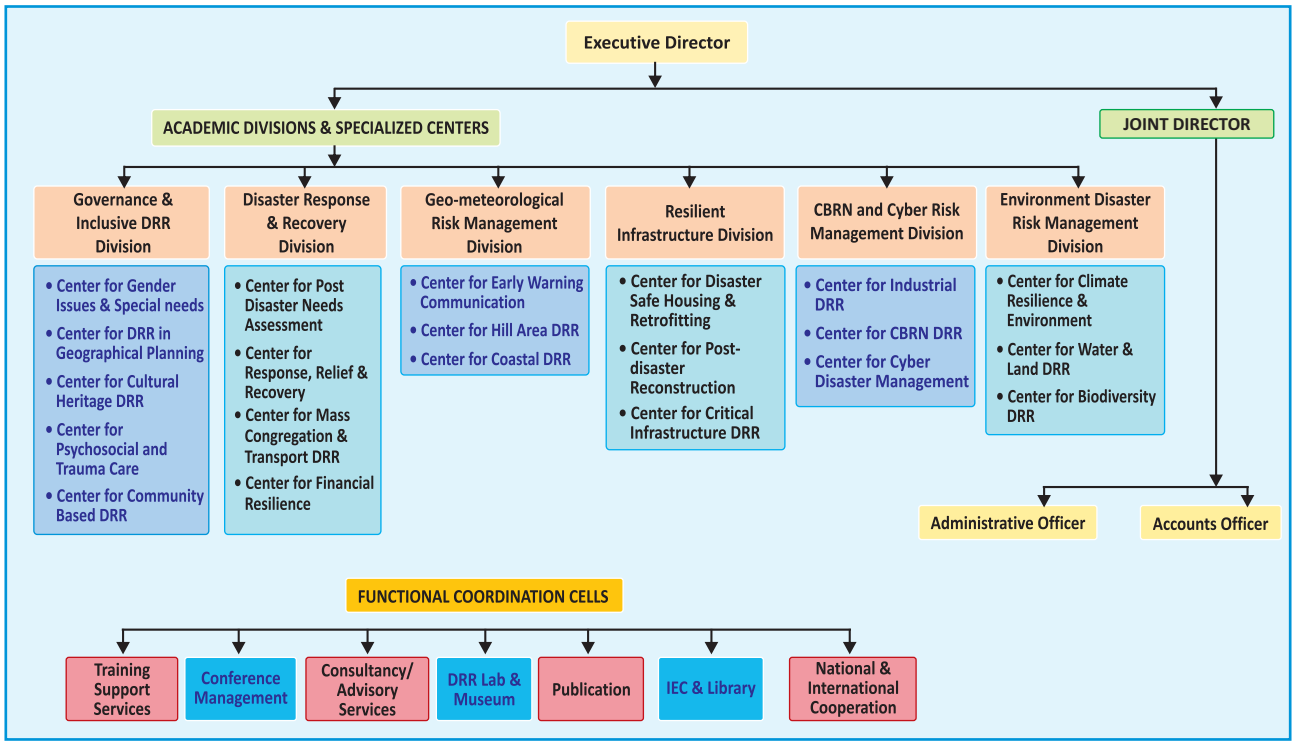


Figure 2.1: Planned Academic and Functional Structure of NIDM

Table 2.1: Executive Officers of NIDM

1. Executive Director

S.No.	Name	Designation
1.	Shri Rajendra Ratnoo, IAS	Executive Director, NIDM (w.e.f 10.02.2023 to till date)
2.	Shri Taj Hassan, IPS	Executive Director, NIDM (Additional Charge) (w.e.f 30.01.2022 to 10.02.2023)

2. Joint Director

S.No.	Name	Designation
3.	Shri Surendra Thakur	Joint Director, NIDM (Delhi) (w.e.f 08.12.2022 to till date)
4.	Shri P. S. Reddy	Joint Director, NIDM (Southern Campus) (w.e.f 24.02.2023)

3. Consultant

S.No.	Name	Designation
5.	Shri Surendra Thakur	Consultant (HR/Admin) (w.e.f 11.09.2019 to 07.10.2021) Consultant & JD (I/c) (w.e.f 08.10.2021 to 07.12.2022)

Table 2.2: Division Wise List of Faculty of NIDM

1. Governance & Inclusive DRR Division (GIDD)		
Dr. Santosh Kumar		Professor and Head
Center Attached to the Division		Faculty member in-charge of the Center
i.	Center for Gender issues and special needs (GIN)	Dr. Ajinder Walia, Associate Professor (w.e.f. 05.05.2022)
ii.	Center for DRR in Geographical Planning (GPL)	—
iii.	Center for Cultural Heritage (CHR)	—
iv.	Centre for Psychosocial and Trauma Care (PTC)	Dr. Ajinder Walia, Associate Professor (w.e.f. 05.05.2022)
v.	Center for Community Based DRR (CBDRR)	—

2. Disaster Response and Recovery Division (DRRD)		
Dr. Santosh Kumar		Professor and Head
Center Attached to the Division		Faculty member in-charge of the Center
i.	Center for Post-disaster Needs Assessment (PDNA)	Dr. Santosh Kumar Professor and Head
ii.	Center for Response, Relief & Recovery (RRR)	Shri Shekher Chaturvedi Assistant Professor
iii.	Centre for Mass Congregation and Transport DRR (MCT)	Shri Shekhar Chaturvedi Assistant Professor
iv.	Center for Financial Resilience (FR)	
3. Geo-meteorological Risk Management Division (GMRD)		
Dr. Surya Parkash		Professor and Head
Center Attached to the Division		Faculty member in-charge of the Center
i.	Center for Early Warning Communication (EWC)	—
ii.	Center for Hill Area DRR (HADRR)	—
iii.	Center for Coastal DRR (CDRR)	—
4. Resilient Infrastructure Division (RID)		
Dr. Chandan Ghosh		Professor and Head
Center Attached to the Division		Faculty member in-charge of the Center
i.	Centre for Disaster Safe Housing & Retrofitting (DSHR)	—
ii.	Centre for Post-disaster Reconstruction (PDR)	—
iii.	Centre for Critical Infrastructure DRR (CID)	Dr. Amir Ali Khan, Associate Professor (w.e.f 05.05.22)
5. CBRN and Cyber Risk Management Division (CRMD)		
Dr. Surya Parkash (w.e.f 09.07.2021 to till date)		Professor and Head
Center Attached to the Division		Faculty member in-charge of the Center
i.	Center for Industrial DRR (IND)	
ii.	Center for CBRN DRR (CBRN)	—
iii.	Center for Cyber Disaster Management (CYD)	—

6. Environmental Disaster Risk Management Division (ERMD)		
Dr. Anil K Gupta		Professor and Head
Center Attached to the Division		Faculty member in-charge of the Center
i.	Center for Climate Resilience & Environment (CRE)	Dr. Sushma Guleria Assistant Professor
ii.	Center for Water and Land DRR (WLD)	Dr. Sushma Guleria Assistant Professor
iii.	Centre for Forest & Biodiversity DRR (FBD)	—
7. Functional Coordination Cell		
i.	Training Support Services (TCS)	i. Ms. Ritu Sood, Administrative Officer
ii.	Conference Management (CFM)	
iii.	Consultancy/Advisory Services (CAS)	i. Dr. Anil K. Gupta, Professor and Head ii. Shri Shekher Chaturvedi Assistant Professor iii. Ms. Ritu Sood, Administrative Officer
iv.	DRR Lab and Museum (DLM)	i. Dr. Chandan Ghosh, Professor ii. Dr. Amir Ali Khan, Associate Professor iii. Ms. Ritu Sood, Administrative Officer
v.	Publication (PUB)	i. Shri Santosh Kumar Tiwari, Librarian
vi.	IEC & Library (IEL)	i. Shri Santosh Kumar Tiwari, Librarian ii. Ms. Jaya, Library Attendant
vii.	National & International Cooperation (NIC)	i. Dr. Santosh Kumar, Professor and Head ii. Dr. Anil K. Gupta, Professor and Head iii. Dr. Sushma Guleria, Assistant Professor

2.2 General Administration

The Executive Director of the Institute is responsible for administration of the Institute and exercises powers under the direction and guidance of the Governing Body. The Executive Director is assisted by the Joint Director, Accounts Officer and Administrative Officer. Administration of the Institute mainly includes coordination, conduct of statutory meetings, establishment and personnel management, security, campus support services and welfare of the employees. It facilitates research, training and consultancy activities in the Institute by providing necessary infrastructure and managerial support for smooth conduct of the programmes. The staff of NIDM is listed in **Table 2.3.**

Table 2.3: Staff of NIDM

S.No.	Name	Designation
1.	Ms. Ritu Sood	Administrative Officer
2.	Shri S.S. Bisht	Accounts Officer
3.	Shri Hemant Kumar	Computer Programmer
4.	Shri Santosh Kumar Tiwari	Librarian
5.	Shri Avinash Kumar Pandey	Private Secretary
6.	Shri J. N. Jha	Jr. Engineer
7.	Ms. Amrita Gupta	Personal Assistant
8.	Ms. Santosh Mishra	Training Assistant
9.	Ms. Gita Sharma	Training Assistant
10.	Shri Rajiv Kumar	Training Assistant
11.	Shri Amar Singh	Machine Operator
12.	Ms. Jaya	Library Attendant
13.	Shri Laxman Singh	Multi-Tasking Staff (MTS)
14.	Shri Pankaj Kumar	Multi-Tasking Staff (MTS)

2.3 Progressive Use of Hindi

The Hindi cell of NIDM has been vibrantly active to facilitate the use of Official Language (OL) Hindi in the day-to-day office work. With this objective in view, four Hindi Training Workshops were conducted in the current year in which around 129 officers & staff participated, subject to the exigencies of the official functioning. NIDM Quarterly progress report is regularly sent to the official language Department of MHA as per the laid down rules.

Departmental official Language implementation committee constituted under the chairmanship of ED, NIDM, meets regularly on quarterly basis to monitor the implementation of OL rules/acts etc. in the office. During the current year, four meetings of this committee have been held.

Consultant (OL) represented NIDM at the 'Hindi Divas Samaroh' and Second 'Akhil Bhartiya Rajbhasha Sammelan' organized in Surat Gujarat. In Consonance with the points raised in this Sammelan, a Hindi Training workshop was organized in the office for the officers and staff of NIDM. In pursuance to the Inspection report sent by the OL Department of MHA, 'Hindi Pakhwada' was organized in the office from14-29 September, 2022; during which period “Essay writing Competition” and “Self-Composed poetry recitation competition” was organized in the office, in which 27 officers and staff participated. The winner of these Competitions were honored with cash rewards and appreciation letters. In compliance to the Official Language Department, instructions check points have been created for implementation of official Language rules/acts in the office.

In compliance to the instructions of the MHA, copies of Annual Report for the year 2021-22 was sent to the MHA in both Hindi and English Languages. In addition to this, Hindi cell has been actively involved during this period in the translation of official press releases, speeches, IDRN booklets, Training Modules, books on various subjects of disaster management and routine items of official work.











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CHAPTER 3

TRAINING PROGRAMMES

TRAINING PROGRAMMES

Emphasis on capacity building of disaster management functionaries has been one of the principal endeavors of the Institute. As part of this endeavor, NIDM training programmes addressing various capacity building issues largely in respect of disaster risk reduction are regularly organized. Based on the mode of delivery, the programmes are classified as:

i. Face-to-Face Training

ii. Webinars/Online Training Programmes

iii. Self-Learning

iv. Consultations/Workshops etc.

In order to maintain a continuum of conduct of programmes and fulfil its mandate given by DM Act 2005, NIDM has added to its armory, the methodology of conducting programmes through online mode. These programmes have been termed as Webinars and Online Training programmes. The Institute restarted its Face-to-Face training programmes in Nov 2021 along with webinars and online Training.

NIDM training programs target different clientele groups engaged in disaster management. NIDM provides training to Government Officials, Civil Society Organizations (Disaster Management Professionals), Public Sector Undertakings (PSUs), Academicians and International Participants (Government Departments, UN agencies & INGOs).

3.1 Objective

Imparting skills for mainstreaming DRR into policies, plans and programmes is the primary objective of NIDM. In order to ensure focused and appropriate training to disaster management (DM) functionaries and other professionals, who are engaged in disaster and development activities, the training programmes of NIDM are designed with the following objectives:

- Creating awareness, improving skills and enhancing knowledge of the development functionaries for effective programme planning and implementation;
- Sensitizing senior executives of development departments of centre and States/ UTs for emerging needs of disaster management on socio-economic and political conditions;
- Facilitating attitudinal changes among development personnel through exposure visits, case studies and developmental interventions.

3.2 Training Programmes

NIDM training programmes are classified based on the mode of delivery, target group, and also on theme.

3.2.1 Webinars/Online Training Programmes/Face-to-Face Programmes

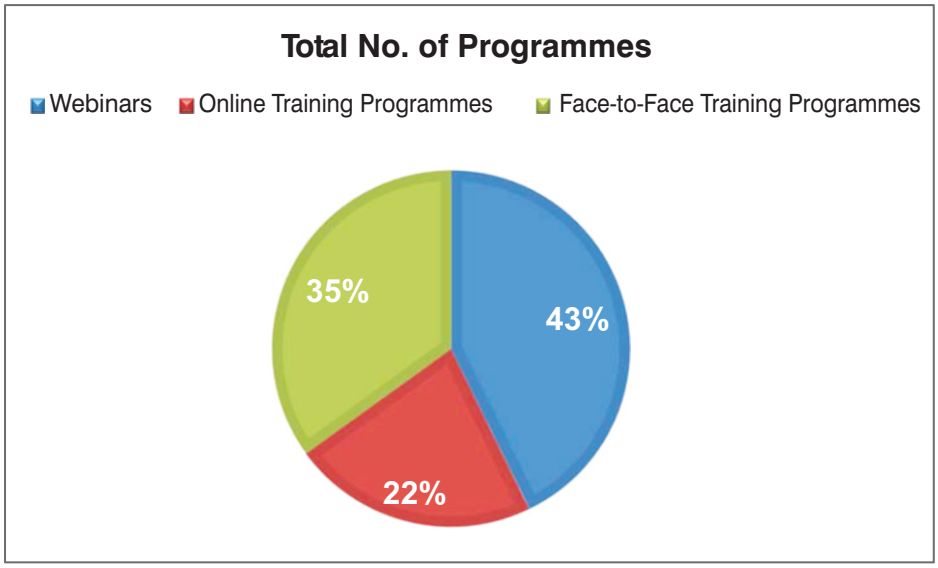
The institute provides a wide range of training through face-to-face training methodology at its campus or at the state Administrative Training Institutes (ATIs)/State Disaster Management Authority (SDMA) and other training institutions. Almost all aspects of disaster management are covered through training programmes in specific areas of the academic divisions.

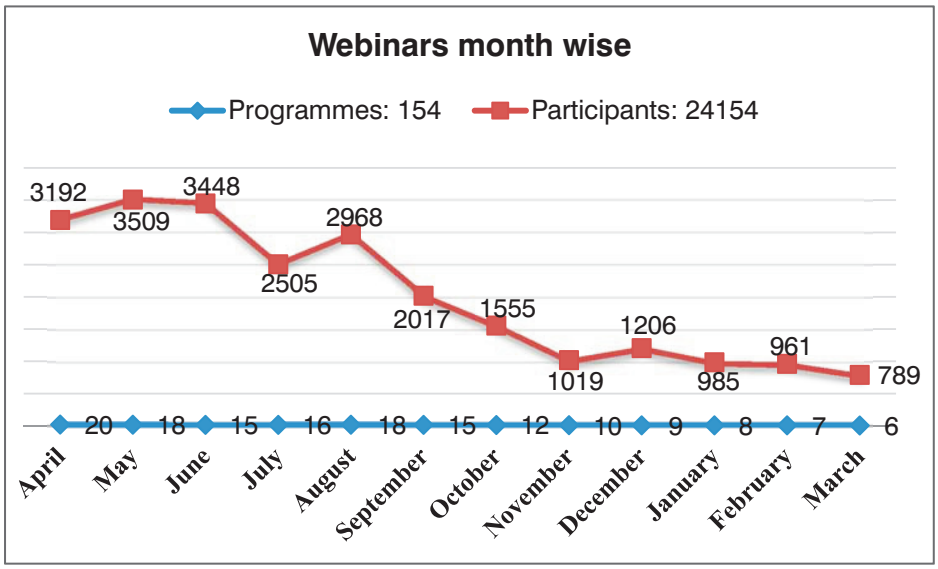
While following COVID-19 protocols provided by Government of India and as a continuum of reaching out to many, NIDM conducted webinars and online training programmes and restarted the face-to-face programmes in November 2021 as well.

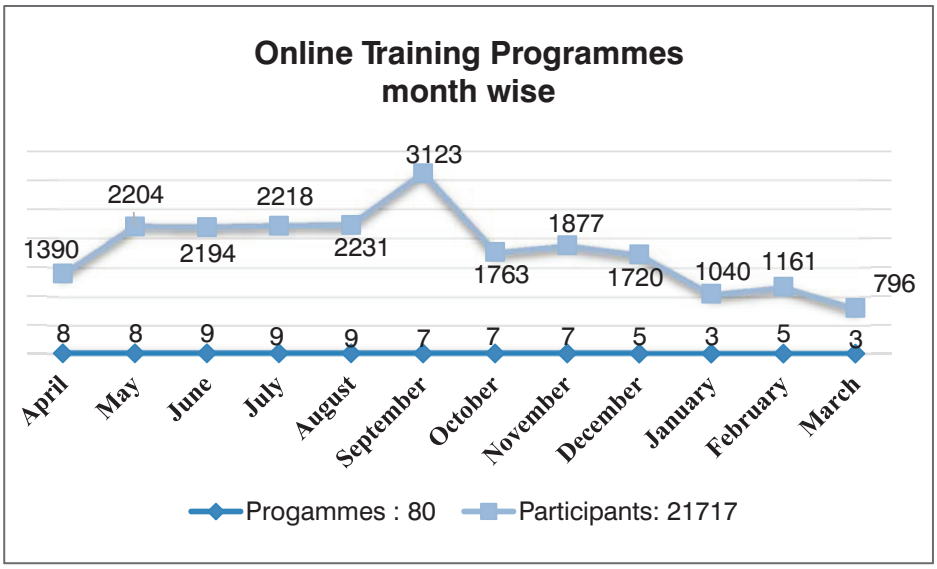
During the Financial Year 2022-23, 154 webinars were conducted and attended by 24154 participants. In addition, 80 three-days Online Training were conducted for 21717 participants. There were 126 Face-to-Face programmes conducted, which were attended by 7700 participants. There was an increase in webinars/training programmes conducted for States/UTs.

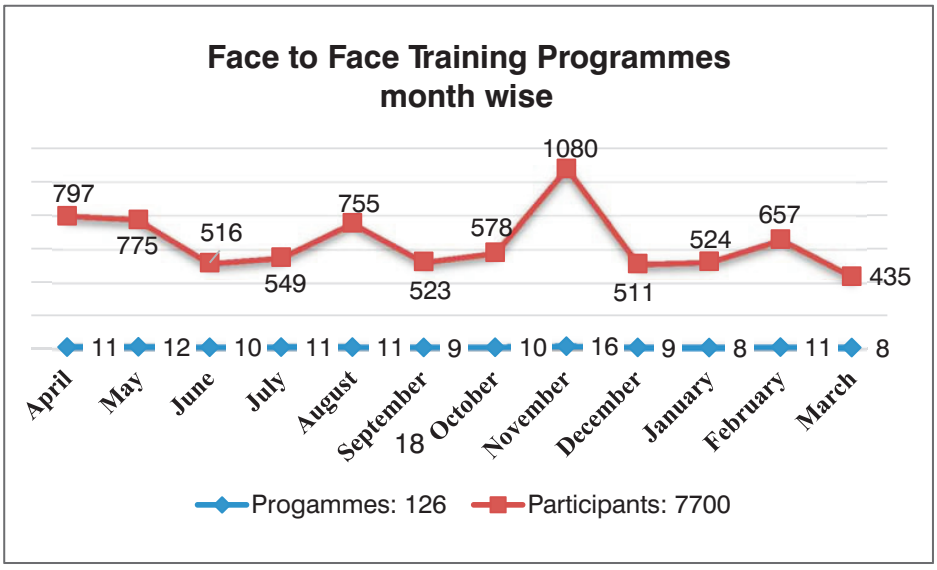
Table 3.1: Details of Training Programmes for the year 2022-23

Webinars		Online Training Programmes		Face-to-Face Programmes	
Total No. of Webinars	Total No. of Participants	Total No. of Online Programmes	Total No. of Participants	Total No. of Programmes	Total No. of Participants
154	24154	80	21717	126	7700




Webinars month wise
Programmes: 154
Participants: 24154
3192
3509
3448
2505
2968
2017
1555
1019
1206
985
961
789
20
18
15
16
18
15
12
10
9
8
7
6
April
May
June
July
August
September
October
November
December
January
February
March


Online Training Programmes month wise
1390
2204
2194
2218
2231
3123
1763
1877
1720
1040
1161
796
8
8
9
9
9
7
7
7
5
3
5
3
April
May
June
July
August
September
October
November
December
January
February
March
Progammes : 80
Participants: 21717


Face to Face Training Programmes month wise
797
775
516
549
755
523
578
1080
511
524
657
435
11
12
10
11
11
9
10
16
9
8
11
8
April
May
June
July
August
September
18 October
November
December
January
February
March
Progammes: 126
Participants: 7700

3.3 Training Methodology

Keeping in view the varied nature of the trainings imparted and also the profile of the participants attending the programmes, various training methods were being used. Methods of training include:

- Lecture-cum-discussion
- Case study presentations
- Hands on exercise
- Group discussions/exercises
- Panel discussions
- Simulation and role play
- Table top exercise

3.4 Profile of Participants

Since, NIDM training programmes cover different clientele groups engaged in disaster management, the profile of the trainees was spread across the following categories:

- Government Officials (Central, State and District Level Officials);
- Public Sector Undertakings (PSUs);
- Academicians (Researchers, Scientists, School Teachers and University Faculty);
- Knowledge Partner Institutions;
- International Participants (Government Departments, UN Agencies, INGOs);
- Infrastructure Professionals (Engineers, Architects Planners, Construction Agencies etc.);
- Civil Society Organizations (Disaster Management Professionals);

3.5 E-Learning

3.5.1 Online Courses

National Institute of Disaster Management (NIDM) offers a series of online courses on various themes of Disaster Risk Reduction. The aim is to raise the level of awareness and preparedness at all levels by enhancing analytical skills and professional competence among stakeholders in areas of Disaster Risk Reduction. E-learning program is a unique capacity-building intervention that facilitates gaining knowledge through mutual interaction by using MOODLE - based virtual learning platform. The various online courses facilitate participants to globally share their views, ideas, and information on a common discussion forum. The program provides excellent opportunities to interact online with eminent subject experts and to learn various facets of courses/topics under professional guidance. The knowledge level of course participants pursuing their respective courses is measured through set parameters such as the 'Evaluation of course Assignments' and 'End of the Course Project' etc. following which they are declared successful and eligible to be awarded the "Course Completion Certificate" issued by NIDM.

In all, there are 10 online courses offered through a dedicated portal https://elearning.nidm.gov.in, out of which the "Comprehensive Disaster Risk Management Framework" is the basic course that provides knowledge on the fundamental concepts and applications of Disaster Management. In addition, the following nine "Thematic Courses" are also offered to participants:

i. Community - Based Disaster Risk Management (CBDRM)
ii. Earthquake Risk Reduction (ERR)
iii. Climate Change and Disaster Risk (CCDR)
iv. Damage & Reconstruction Needs Assessment (DRNA)
v. Gender Aspects of Disaster Recovery & Reconstructions (GADRR)
vi. Risk Sensitive Land Use Planning (RSLUP)
vii. Risk Identification, Assessment & Analysis (RA)
viii. Safe Cities (SC)
ix. Financial Strategies for managing the Economic Impacts of Disasters (FA)

The course duration for the Comprehensive Disaster Risk Management Framework (Basic) Course is six weeks (1.5 months), and for Thematic Courses, it is four weeks (1 month). The number of visitors, of the online course portal as on 12.03.2023 is 10,3417. The course materials are easily accessible to registered participants on their respective course platforms, which can also be downloaded for offline reference.

In the academic year 2022-23, a total of 18 online courses were conducted as mentioned in the table below, wherein 353 participants attended their respective courses.

S No.	Courses	Number of Courses
1.	Comprehensive Disaster Risk Management Framework	04
2.	Community Based Disaster Risk Management	01
3.	Earthquake Risk Reduction	01
4.	Climate Change and Disaster Risk	01
5.	Damage and Reconstruction Needs Assessment	02
6.	Gender aspects of Disaster Recovery and Reconstruction	02
7.	Risk Sensitive Land Use Planning	02
8.	Risk Identification, Assessment and Analysis	02
9.	Safe Cities	01
10.	Financial Strategies for Managing Economic Impacts of Disasters	02
Total		**18**

In the post COVID era, NIDM is striving further to develop online courses in order to reach out to a maximum number of people to impart Disaster-related knowledge.

3.5.2 Self-Study Programme

NIDM's Self Study Programme (SSP) is a self-paced system of e-learning wherein all the concerned stakeholders are encouraged and facilitated to learn various facets of Disaster Management at their own pace without any limitation of time and space. Users can log into the portal https://ssp.nidm.gov.in/ any time from anywhere to gain knowledge on the offered subjects without any facilitation support. The Self-Study Programme of NIDM has proved to be immensely useful in enhancing the knowledge base of various stakeholders. The visitors count from 24.01.2022 to 31.03.2023 on the Self Study Programme is 2048.

The following 10 self-study modules are being offered by NIDM through Self Study portal:

Sl. No.	Self-Study Module
1.	Basics of Disaster Management
2.	Community Based Disaster Risk Management
3.	A Guide for Civil Defense Volunteers
4.	Introduction to Flood Risk Mitigation & Management
5.	Introduction to Cyclone Risk Mitigation & Management
6.	An overview of Disaster Health Care Management
7.	Comprehensive Landslide Risk Management
8.	School Safety
9.	Introduction to Earthquake Risk Mitigation & Management
10.	Introduction to Industrial Disaster Risk Mitigation & Management

3.6 Internship Programme

Every year NIDM receives requests for internship, particularly, during the summer months from students/researchers of academics/research/ training institutions. The objectives of the internship are:

- To familiarize the willing and eligible candidates pursuing graduation/post-graduation in a relevant subject, with the overall disaster management system and its various aspects.
- To help the students of universities/colleges to gain firsthand experience in the disaster management process, training, and research.
- To provide ample opportunity to the students to innovate and add to new ideas and techniques to test their skills.

- To provide flow of information about NIDM and activities undertaken to various universities, colleges, and professional institutions through formal as well as informal means.
- The internship process at NIDM has been formalized through a policy devised and approved for this purpose. Applications for internships are invited through open advertisement followed by a multistage selection process. Interns are selected from various disciplines of Institutes and Universities from all over India to undertake action oreinted research work.
- In 2022-23, 69 interns joined on Regular Internship (Non-Paid) and 6 Interns were selected on summer internship on payment basis.

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CHAPTER 4

PROJECTS

PROJECTS

4.1 National Environment Forest and Climate Disaster Management Plan (NEFC-DMP)

NIDM is facilitating the preparation of National Environment Forest and Climate Disaster Management Plan for the Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India utilizing the legal mandate under the Disaster Management Act 2005 and the National DM Policy 2009.

Key objectives of the project:

a) To ensure the protection of infrastructure, assets, property, and resources under the Ministry and its Departments/establishments from disasters and extreme events.

b) To ensure the activities (including physical development and systematic practices/operations) do not aggravate hazards, risks, and vulnerabilities for disasters.

c) To ensure that the activities/programmes and schemes under the Ministry/sector increase resilience against the risk of disasters and extreme events.

d) To ensure that the Ministry and associated sectors and constituents at all levels are prepared to deal with the situations arising out of any disaster or emergency.

Activities performed under the project:

- Hazard Risk Vulnerability Capacity Analysis (HRVCA) workshops
- Sectoral Consultation workshops
- Working Group meetings
- Sharing / Dissemination Workshop (half day)
- Capacity building workshop (2 days)
- Preparation of training manual and thematic paper.

Deliverables till: 31/03/2023

- Final NEFC-DMP has been submitted to MoEFCC.
- Preparation of training manual and thematic paper.

Funding agency: Ministry of Environment Forest and Climate Change, GoI

4.2 National Disaster Management Plan of Ministry of Ayush, GoI (AYUSH-DMP)

The AYUSH-DMP project of Ministry of Ayush, GOI is an important initiative being implemented by NIDM through its ERMD.



Key Objective of the Project

The project represents a significant step forward in enhancing the disaster preparedness of the Ministry of Ayush, and NIDM remains committed to ensuring its success.

Deliverables of the project:

- National Disaster Management Plan for the Ministry of Ayush: This plan will provide a comprehensive framework for disaster preparedness, response, and recovery for the Ayurveda, Yoga and Naturopathy, Unani, Siddha, and Homoeopathy systems of medicine in India.
- A training manual for aiding the implementation of the AYUSH-DMP: The training manual will provide guidance on how to implement the AYUSH-DMP in the event of a disaster. It will include information on roles and responsibilities, response protocols, and other important aspects of disaster management.
- Improving the disaster preparedness of the Ministry of Ayush and ensuring the safety and well-being of the people who rely on these systems of medicine in times of crisis.

Activities performed under the Project between 01.04.2022 and 31.03.2023

- Under the project a (working group committee) and HRVCA (Hazard Risk Vulnerability Capacity Analysis) meeting was held on 13 July 2022 to discuss the preparation of the Disaster Management Plan (AYUSH-DMP) for the Ministry of Ayush, Government of India.
- Draft Disaster Management Plan has been submitted to the Ministry.

Funding agency: Ministry of Ayush, Government of India

4.3 Centre for Disaster and Health (CDH), Centre of Excellence on Disaster related Health Issues

The Centre for Disaster & Health (CDH) is a Centre of Excellence established at the National Institute of Disaster Management (NIDM) that focuses on disaster-related human health issues. It has made significant contributions to improving India's preparedness and resilience to health risks associated with climate change-related disasters.

The CDH has also developed a range of Information, Education, and Communication (IEC) materials, including posters, videos, GIFs, and videos, that cover topics such as disaster risk reduction, hospital infrastructure resilience, and disaster preparedness.

Deliverables of the project:





- Information, Education, and Communication (IEC) materials including posters, videos, GIFs, and videos on key disaster-related issues, such as disaster risk reduction, hospital infrastructure resilience, and disaster preparedness.
- Thematic papers that provide essential guidance on how hospitals in India can better prepare for and respond to disasters, particularly those related to climate change. These are - 'Hospital Infrastructure Resilience to Disasters and Climate Change', 'Promotion of the Disaster Risk Assessment tool for hospitals in India' and 'Monitoring framework with respect to procedural, structural, non-structural, and functional preparedness of the hospitals for Disaster Risk Reduction'.

Deliverable between 01.04.2022 and 31/03/2023

- Trainers Development Workshop on “Health Impacts of Disasters” was held on October 18 2022. The workshop was aimed at State / District Nodal Officers for Climate Change in India.
- Joint workshop with the National Centre for Disease Control on "Climate-related Disasters and Health: Futuristic Approach & Agenda Forward" was held on September 23 2022. The workshop focused on developing strategies for addressing health risks associated with climate change-related disasters.

Funding agency: National Centre for Disease Control, Ministry of Health & Family Welfare, GoI

4.4 National Chemicals and Petrochemicals Disaster Management Plan (NCPC-DMP)

The frequency and severity of chemical and petrochemical hazards have increased in recent years due to the rapid development of the chemical and petrochemical industries. The NIDM through ERMD is facilitating the preparation of the “National Chemicals and Petrochemicals Disaster Management Plan (NCPC-DMP)” for the Department of Chemicals and Petrochemicals (DCPC), Ministry of Chemicals and Fertilizers (MoC&F), Government of India, with the aim to strengthen the resilience of chemicals and petrochemicals sector of India to deal with disasters and weather uncertainties.

Key objectives of the project:

a) To ensure the protection of infrastructure, assets, property and resources under the departments/establishments from disasters and extreme events,

b) To ensure the activities (including physical development and systematic practices/ operations) do not aggravate hazards risks and vulnerabilities for disasters,

c) To ensure that the activities/ programmes and schemes increase resilience against risk of disasters and extreme events, and

d) To ensure the department and associated sector and constituents at all levels are prepared to deal with the situations arising out of any disaster or emergency situation.

Activities up to date: 31/03/2023

- Discussion meeting with Secretary, DCPC on the final draft of the Disaster Management Plan held on 12th April 2022.
- Thematic paper titled "Disaster Risk Reduction Strategy for a National Development Sector: Approach and Framework for Chemicals and Petrochemicals in India" has been prepared.
- Training Manual on "Disaster, Risk and Resilience in Chemical and Petrochemical Sector" has been prepared.



Glimpses from the Discussion Meeting held at DCPC, New Delhi



Presentation on the final draft of the NCPC-DMP before NDMA (via Virtual Mode)

Funding Agency: Department of Chemicals & Petrochemicals (DCPC), Ministry of Chemicals & Fertilizers, Govt. of India.

4.5 Climate Adaptive Planning for Resilience and Sustainable Development in Multi-hazard Environment (CAP-RES)

The project aims at developing and implementing capacity building including a knowledge and training support system for wider use by related institutions and training centers across sectors and regions specifically in Indian Himalaya Region (special reference to North-East), Coastal region, and Central-western region. There are 5 key themes of the project: (a) Green growth and disaster risk reduction; (b) Resilient agriculture system; (c) Public health resilience; (d) Climate proofing disaster relief and recovery; and (e) Environmental policy instrument in disaster risk reduction.

Key objectives of the project:

- To analyze scientific policy-planning-practice interface regarding extreme events and climate risk management for disaster resilience.
- To assess knowledge and capacity gaps.

- To document and compile case studies and best practices in the form of a knowledge compendium.
- To address the gaps and challenges; policy analysis and advocacy for integrating disaster risk management with climate actions and vice versa, through knowledge sharing platforms, policy briefs, approach papers and articles.
- To develop toolkits for training, capacity building including training strategies and designs, training modules, instruction manual, reference readings, using the outcome of capacity gap analysis and knowledge-based compendium.
- To enhance the capacity in terms of knowledge, skills and attitude of the key professionals including policymakers, trainers and researchers, through specialized training programmes.

Deliverables till: 31/03/2023

- **Technical Reports Published:**

(i) Corporate Carbon Management and ESG Reporting: An insight into corporate investments by the technology industry for green growth and climate action; (ii) Landscape Approach and Role in Disaster Management: Moving Beyond Conventional Concepts towards Implementation Frameworks; (iii) Underground Urbanism: Re -imagining the role of Underground Spaces for India's Urban Future; (iv) Water Crisis in Indian Cities: A Systemic Failure or Wrath of Changing Climate; and (v) Nature-based Solutions for Reducing Disaster Risks: A Guidebook for District Disaster Management Planning



- **Conference/ Round-tables/Symposiums and Proceedings Conducted:**

(i) Level Policy Dialogue Localizing Climate Resilience Agenda: Vision 2050 & 2100 LOCC-RES 2100 Under CAP-RES (DST-GoI Project); (ii) Workshop on Wetlands as Nature-based Solutions to Reduce Disaster Risks; (iii) Resilience and Sustainability Summit: Vision 2047; (iv) National consultation workshop on Wetlands Conservation as Nature-based Solutions (NbS) for Reducing Disaster Risks.



- **Training Modules Published:**

  (i) Training Manual on Climate Change and Extreme Events Risk Reduction; (ii) Climate Proofing Disaster Relief and Recovery; (iii) Training Manual on Green Growth and Resource Efficiency for DRR: Towards Green Economy and Resilient Development.

Funding Agency:

Department of Science and Technology (DST), Government of India

4.6 NIDM-UNICEF: Social and Behaviour Change Communication Training Package for DRR & Toolkit (IEC) Preparation

NIDM and UNICEF have come together to enhance abilities and skills of government functionaries and key stakeholders in Social and Behaviour Change Communication (SBCC) to address the social and behavioral aspects of DRR.

The overall objective of this partnership is to make the service providers at different levels understand the importance and core concepts of social and behaviour change to inculcate in them the ability to integrate SBCC in all forms of disaster risk management from prevention, mitigation, and preparedness through to crisis response and recovery.

Deliverables till: 31.03.2023

- SBCC 90 minutes Module which can be combined with different trainings on DRR. Within the Module 60 minutes is dedicated to core concepts of SBCC.
- Specific SBCC needs of four different disasters namely floods, cyclones, earthquakes and public health have also been developed.
- SBCC toolkit with key behavioral messages for different types of disasters in key sectoral areas of health, nutrition, WASH, education, child protection etc. is in process.

Key Partner(s): United Nations International Children's Emergency Fund (UNICEF)

4.7 NIDM - World Food Programme (WFP) Project on "Food and Nutrition Needs in Emergencies: Integration in Emergency Relief, Response and Preparedness Strategies in India"

Climate change is increasing the frequency of climate-related disasters, creating greater risks of food insecurity and the breakdown of food systems. Climate-related natural disasters carry threat on four dimensions of food and nutrition security. There is a need felt to bring adequate focus and attention to food and nutrition security related issues in the policy and institutional framework of all three phases-relief, response and preparedness, if SDG-2 targets are to be achieved sustainably. The efforts of governments to strengthen the capacities across levels are remarkable and there is an openness and commitment among the partners to continuously upgrade and improve. Keeping the above in view, a consultative meeting between WFP India Country Director and NIDM Executive Director identified the importance of inter-linkages between disasters and food and nutrition security, and agreed to develop the guidelines and training package for "food and nutrition strategies for Emergencies, Preparedness and Response".

This is being achieved in three phases; the first phase will undertake gap analysis and development of guidelines and curriculum to the last phase culminating in operationalization and exploring the south-south cooperation opportunities. The phases are described below:

Phase I: Development of national guidelines and training curriculum for integration of food and nutrition strategies in EPR package of India.

Phase II: Supporting capacity strengthening and training for food and nutrition needs in emergencies.

Phase III: Organization of an international level consultation on Food and Nutrition in Emergency Preparedness and Response for benefit of the other countries.

4.8 India Universities and Institutions Network on Disaster Risk Reduction (IUINDRR-NIDM)

In pursuant to Agenda 6 of Hon'ble Prime Minister's Ten Point on Disaster Risk Reduction, The India Universities and Institutions Network on Disaster Risk Reduction (IUINDRR-NIDM) has been established by NIDM. IUINDRR-NIDM is a step towards the goals of Global Issues on Climate Change Adaptation (CCA), Sendai Framework for Disaster Risk Reduction (2015-2030), and Sustainable Development Goals (SDG), for promoting education, innovative technology and research, facilitating capacity development, and contribute to decision-making for addressing local risks and the needs of the most vulnerable sections of the community affected by various disasters.

IUINDRR-NIDM envisions building nations and communities safe and resilient to disasters through education, knowledge creation, research, technology, and dissemination. The network also aims to exchange information among the universities and develop a pool of experts in the areas of disaster management.

Key Objectives of the IUINDRR-NIDM:

- To enhance recognition of the vital role of universities in implementation-oriented education and research in disaster risk reduction and related field.
- To provide a platform for an interface between academia and policy across the country in different states.
- To document, develop and disseminate knowledge products in the field of disaster risk reduction.
- To share and work together (bilaterally or multilaterally) in promoting disaster risk reduction in higher education (focusing on, but not restricted to post-graduate education).
- To collaborate on field-based and policy-oriented research focusing on different aspects of disaster risk reduction and related fields.
- To provide a forum for consultation, information sharing and cooperation among universities on matters and themes of common interest.

Key Deliverables include:

- UGC notified model curriculum developed by IUINDRR-NIDM on Foundation course on Disaster Risk Reduction for the undergraduate programme, Certificate Course on Disaster Risk Reduction and Management and PG Diploma course in Disaster Risk Reduction and Management for postgraduate programme.
- State of Bihar adopted model curricula on foundation course and directed all universities & Colleges of Bihar to implement the foundation course from the current new academic session.
- 254 universities and institutes are part of IUINDRR-NIDM.

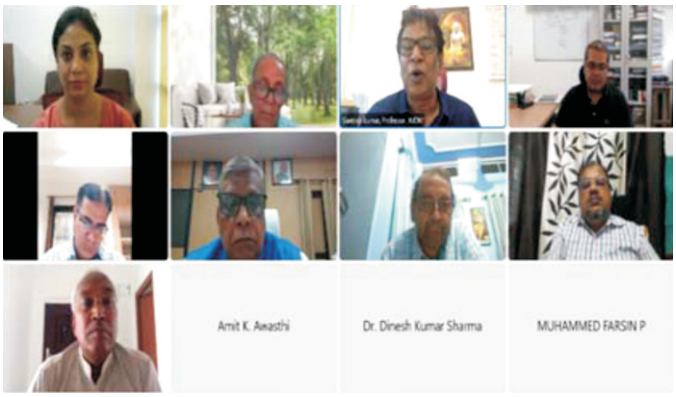
Detailed activities till: 31/03/2023

- **Strengthen the field of Disaster Management**

To strengthen Disaster Management as a subject of Higher Education in India, IUINDRR-NIDM has developed a Foundation Course Curriculum on Disaster Risk Reduction, which may be integrated into every subject of the undergraduate degree programme.

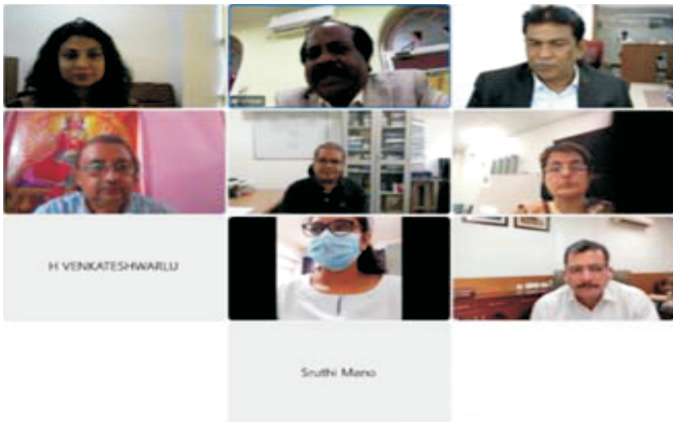


NIDM has developed a foundation course model in Hindi language which will be useful as a teaching aid/guidebook for Hindi speaking states of India. With the objective of effective and proper implementation of DM subject in Hindi speaking states of India, IUINDRR-NIDM proposed the development of a Handbook/ Guidebook for academicians, which will be useful as a teaching aid/guidebook for integration of subject into different streams. To draw up the template of the module and each unit of curricula, a core group committee was constituted. The first meeting of the Core Group was held on 17 August 2022. A template for the handbook was designed by the core group member and shared with the experts for the content writing on different chapters of the foundation course. Experts from across the country are participating in the development of the handbook as per their expertise and area in the field of DRR.



To integrate Disaster Management subject into NET examination a meeting was held with the UGC, Vice chancellors, experts from IITs and universities. Detailed discussions were held on the effective implementation of the DM subject at university level to develop professionals in the field of DM and the need to integrate DM subject into NET examination were discussed at length. The UGC has accepted

the proposal for integration of Disaster Management subject into NET examination and development of exam paper is under process.



- A one-day symposium on Disaster Management was organized in collaboration with Chaudhary Charan Singh University, Meerut on 10th December, 2022. The objective of the programme was to sensitize the students and faculties on disaster management issues and related components.



- **Membership of IUINDRR-NIDM**

In order to strengthen the network, IUINDRR-NIDM has established an online portal for membership registration. The IUINDRR-NIDM is inviting universities/institutions to opt for membership of the network on one to one basis and after approval, membership shall be updated on the online portal which can be seen by clicking the list of members under IUINDRR-NIDM. Presently, membership is open for higher educational universities and institutions from across the country and no fee is applicable to join the network. As of now, 254 Universities and Institutions across the country are part of the network.

Funding agency: National Institute of Disaster Management, Ministry of Home Affairs, GoI.

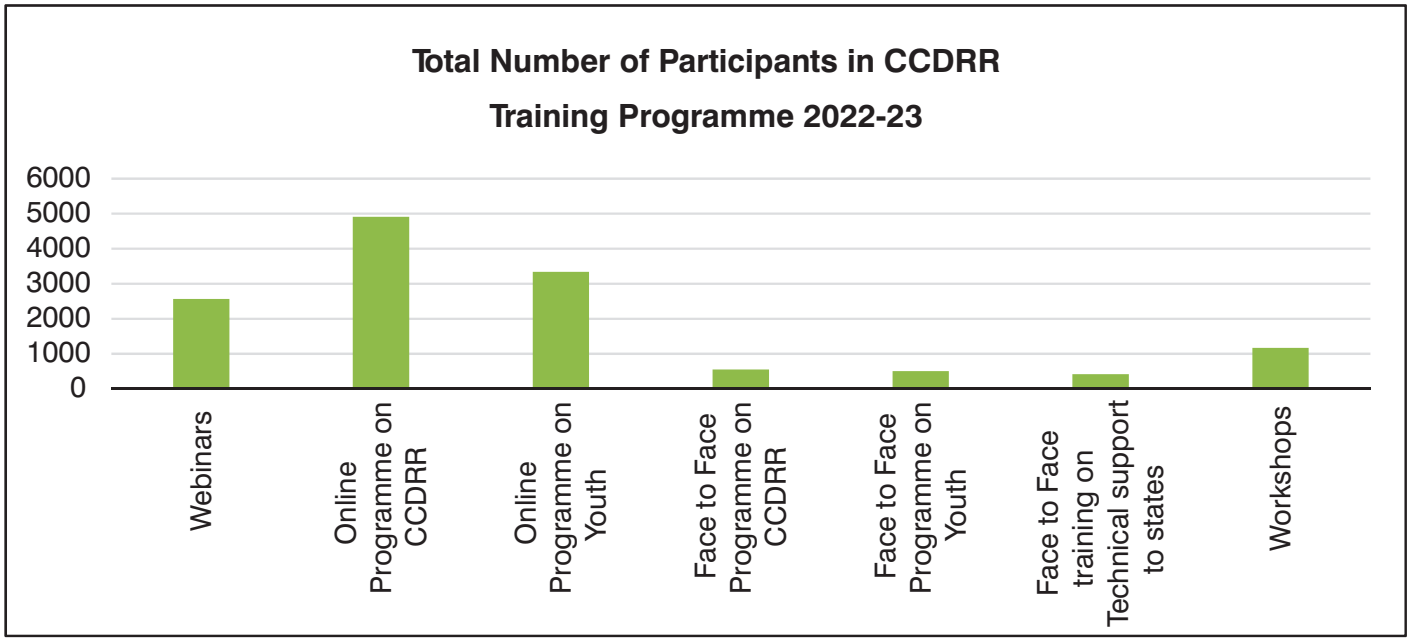
4.9 Child Centric Disaster Risk Reduction (CCDRR), NIDM

Key objective of the CCDRR Centre: CCDRR Centre aims to augment the capacity of institutions at the national and state level to adjust the current programs and plans to prevent, prepare for and mitigate the implications of disasters, including climate change on children, adolescents, youth and women. The Centre also aims to mainstream issues related to disability inclusiveness and gender sensitivity in the country.

Deliverables till: 31/03/2023

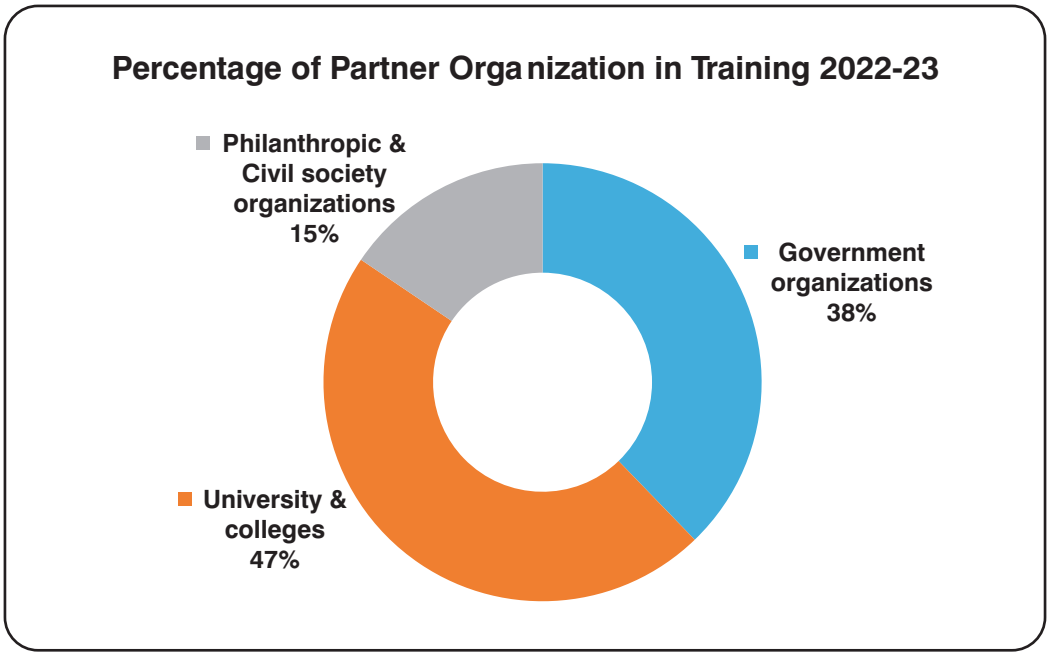
- **Training /Workshops /Webinars**

S. No	Type of Programme	No of programme	No of Participants	No of Expression of interest	No. of External Resource Person
1	Webinars	6	2567	3016	25
2	Online Programme on CCDRR	8	4909	5120	28
3	Online Programme on Youth	9	3337	4573	28
3	Face to Face Programme on CCDRR	8	555	611	30
4	Face to Face Programme on Youth	6	511	536	22
5	Face to Face training on Technical support to states	7	421	444	23
6	Workshops	6	1172	2888	15
Total		**50**	**13472**	**17188**	**171**



- **Association with Organizations and Institutions**

CCDRR networked and collaborated with various partner organizations of national and international repute for bringing in global and local level experiences and knowledge together, creating lasting collaborations with quality output to address the needs related to youth, children & women. In the year 2022-23, CCDRR center partnered with 45 organizations, institutions, universities etc. to bring child centric issues and concerns at the forefront of disaster risk management planning and mitigation. 17 (38%) Government organizations; 21(47%) University, colleges and research institutes and 7 (15%) Philanthropic & Civil society organizations collaborated as partner organization for conducting face to face training, webinar talks/ workshops with the centre. (Graph as below).



Funding Agency: United Nations International Children's Emergency Fund (UNICEF)

4.10 NIDM (Southern Campus)

NIDM has established its south campus in Krishna District of Andhra at Kondapavuluru Village, Gannavaram Mandal. The campus plans to commence National level face-to-face training and capacity-building programmes for Government officials at the earliest. The delegates/ officials from different parts of India will participate in the campus programmes.

The updated photographs are as under:



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CHAPTER 5

KNOWLEDGE MANAGEMENT & AWARENESS ACTIVITIES

KNOWLEDGE MANAGEMENT AND AWARENESS ACTIVITIES

5.1 India Disaster Resource Network (IDRN)

IDRN was initiated by the Ministry of Home Affairs (MHA) under the GOI-UNDP Disaster Risk Management (DRM) Programme in the year 2003. Considering the national importance of IDRN, the Ministry of Home Affairs entrusted the National Institute of Disaster Management (NIDM) with the responsibility of monitoring and maintaining IDRN since 2008. IDRN is a very useful tool as it provides necessary information about equipment, human resources and critical supplies, which are available at the district level with the line departments and agencies.

The IDRN portal has been migrated to https://idrn.nidm.gov.in and renovated with a new design and interactive look in June 2020. The new IDRN web portal is developed with the latest web technologies and features like platform independence, ease to understand, interactive and user-friendliness, security and performance even on slow internet connections.

The Role of NIC - IDRN portal is hosted at NIC Server

IDRN is currently monitored and maintained centrally by NIDM. The role of NIDM is limited to user administration, development and technical maintenance, training and technical support. NIDM is not involved in data collection or updation.

How IDRN Works

Role of State Authorities: State Department of Relief/Disaster Management/SDMA Coordinate with DM/DC regarding updating of data in IDRN.

Role of District Authorities:

The District Collector/Magistrate is the authorized officer for facilitating data collection and updation from the district level. Data collection formats are required to be sent to all line departments/ agencies from the district administration and subsequently collected within a week or two. Data entry should be done at the district level availing the technical services of District Informatics Officers.

IDRN Portal Access:

Anyone can use IDRN portal during any emergency situation to get the updated information on all the available resources in time which will be extremely helpful in minimizing loss of life and damage to property and other infrastructure during any emergency situation. Username and Password are not required for viewing resource inventory items information on IDRN.

5.2 NIDM Trainee Database

NIDM has conducted webinars and online training programs in the field of disaster management for officials and other stakeholders. The complete database of these training, trainees, and participants has been maintained online to help governments/ stakeholders in locating these trainees for disaster preparedness. The information is also available at the NIDM website w.e.f. 2009. URL: https://nidm.gov.in/trainee.asp.

5.3 Information Dissemination

5.3.1 Library:

The library of the National Institute of Disaster Management has been acting as a crucial resource and learning center to meet the information needs of its faculty/staff members, research scholars from India and abroad, participants of various national/ international training/programmes organized by the NIDM, and other visiting faculty and users.

This is one of the best reference Library & information center having a huge repository of books, bound journals, Government Reports, case studies, and publications in the field of disaster management. The Online Public Access Catalogues (OPAC) link for the library of the institute is available at Intra NIDM.

The services provided by the NIDM library are mentioned below.

- Acquisition of Books & Journals and other reading materials
- Reference and referral work
- Circulation work
- Library Automation

5.3.2 Documentation and Publication:

Information is regarded as a resource, which contributes to the achievement of organizational goals. The value of information as an asset is maximized through its effective management. One of the mandates of NIDM is to make concerted efforts on a continuous basis to effectively manage the disaster management and development related information to support the training, research and consultancy activities of the Institute.

Information Education and Communication (IEC) Materials

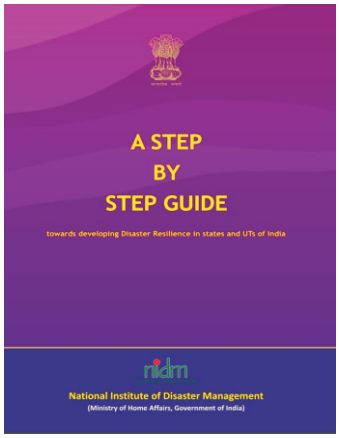
Institute has a mandate to disseminate information on disaster management and related aspects. In fulfilling the mandate, the Institute regularly brings out a quarterly newsletter (TIDINGS) and various publications. To generate information and awareness on various disasters and their management, NIDM regularly publishes IEC materials along with various awareness generation messages which are put in various webinars and online training programs. These tools are available on NIDM website and can be accessed at http://nidm.gov.in./iec.asp. IEC material developed by NIDM can be freely used, with due credit to NIDM, by various stakeholders working in the field of disaster management

and can be translated into different languages for wider dissemination. Details of Publications printed by NIDM during FY 2022-23 are listed below:

PUBLICATIONS

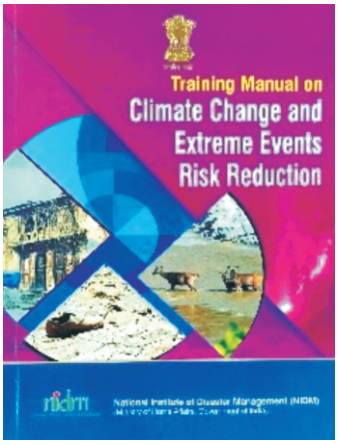
Training Module

i. A Step-by-step Guide towards developing Disaster Resilience in states and UTs of India



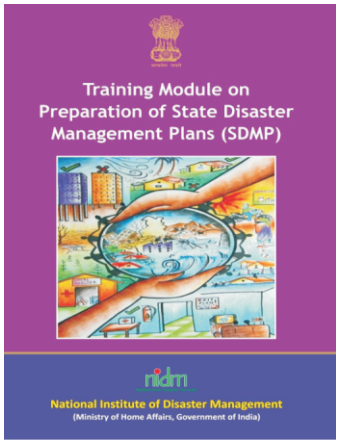
This Step-by-Step Guide elaborates on the steps for improving disaster resilience of state governments and UTs in India in the light of the now well-known DM framework, taking into account all listed responsibilities of government agencies responsible for disaster management identifying institutions, communities and individuals engaged in DM practices. It improvises and builds upon the current Disaster Management Framework and related mandates. This Guide is confined to the disasters and sub-themes in the MHA-UNDP Report.

ii. Training Manual on Climate Change and Extreme Events Risk Reduction



This manual has been especially designed with the aim to provide an insight to the trainees and build capacity of all the people working in different sector about the Disaster Risk Reduction (DRR), Climate Change Adaptation (CCA). This manual helps in training activities on concepts and understanding about the climate and weather related extreme events and holistic knowledge and skills for risk mitigation of extreme events, response and recovery interventions. It consists of five modules and has been organized for a five days course with interesting learning activities, case studies and tools to support the overall framework of the manual.

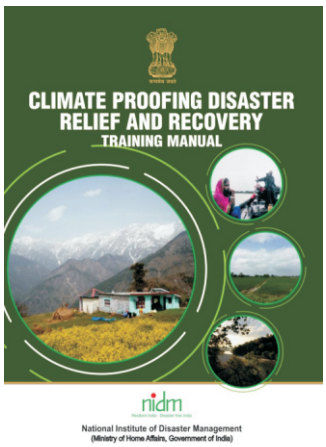
iii. Training Module on Preparation of State Disaster Management Plan (SDMP)



India is a multi-hazard prone country and is frequently affected by different hazards and keeping this in view, ease of living can be achieved by building capacities contributing towards better governance at State and District levels. To become a disaster resilient nation, reducing the losses due to physical, environmental and socio-economic factors is imperative. States and UTs in India have major role in promoting and implementing DRR agenda and the Disaster Management Plan at state level is a key instrument towards strategic and planned approach for risk assessment, prevention-mitigation, emergency response, capacity and recovery resources, in systemic ways. This publication on State Disaster Management Plan (SDMP) Module is an attempt to convert the SDMP Guidelines developed by

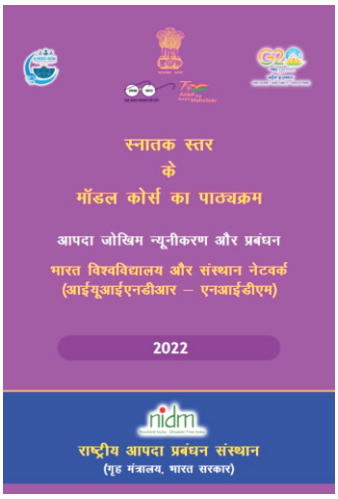
NDMA into a Training Module with an intent to be used as a guiding tool for the sole purpose of training and capacity building across the States and UTs in preparations of their disaster management plans.

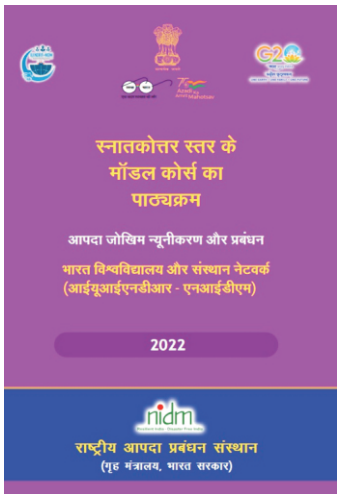
iv. Climate Proofing Disaster Relief and Recovery (Training Manual)



This training manual on Climate Proofing Disaster Relief and Recovery assists in preparedness measures following the unique approaches deliberated in carefully drafted five modules of the manual. The manual covers very significant modules on i) Climate Proofing Disaster Management, ii) Disaster and Environmental Sustainability, iii) Sustainable Disaster Relief, iv) Sustainable Disaster Recovery, v) Green Relief and Recovery. This module aims to develop ecosystem-based approaches to manage disaster relief and recovery measures in such a way that the environment is not adversely affected. This manual highlights the necessity of incorporating green approaches for improving relief and recovery measures in post-disaster settings.

v. Model Course Curriculum for Post Graduate Level/ Undergraduate Level



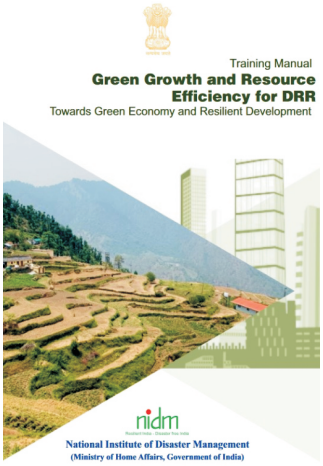


This Model Course Curriculum for Undergraduate and Post Graduate Level in Disaster Risk Reduction and Management has been designed to develop the skills required for careers in disaster management. The curriculum provides a certificate programme designed in such a way that after completion of the first year of an undergraduate degree, students will get a certificate on DRRM and, after two years, will get a degree in a specialized field related to Disaster Management. The student may choose to exit after one year with the certificate programme and may rejoin the second year of the UG degree in any specialized field related to Disaster Management within the next specified periods by the UGC. The curricula were designed in the line of New Education Policy, 2020, as per the UGC guidelines.

vi. Training Manual Green Growth and Resource Efficiency for DRR Towards Green Economy and Resilient Development

The training manual on "Green Growth and Resource Efficiency for DRR" has been produced as a part of the project Climate Adaptive Planning for Resilience and Sustainable Development in Multi-hazard Environment (CAP-RES) and is being implemented by (NIDM) with the support of the Department of Science and Technology (DST), GoI. The manual understands the knowledge gaps and needs to build capacity in the sub-thematic area of Green Growth and Disaster Risk Reduction. The focus of the module is to promote preparedness through adaptive. This manual provides insight

to the trainees for a basic understanding of the themes, approaches, and pathways of green growth and its application in disaster risk reduction. The manual act as a guidance and knowledge document for developing the understanding of sustainable development, and carbon neutrality guidelines for the pathways to achieve Green Growth in all sectors of development.

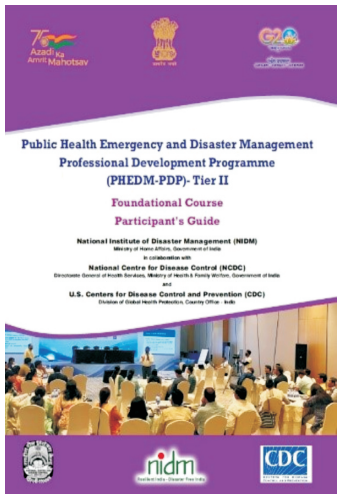


vii. Public Health Emergency and Disaster Management Professional Development Programme (PHEDM-PDP)-Tier II (Foundational Course, Facilitator's Guide)



The training module 'Public Health Emergency and Disaster Management Professional Development Programme (PHEDM-PDP) - Tier II (Foundational Course, Facilitator's Guide)' jointly developed by NIDM, NCDC, and CDC covers a foundation for the Public Health Emergency and Disaster Management (PHEDM principles, concepts, processes, tools, practices, and guidance to develop capacity at State and District levels. It also focuses on discussing the public health emergency and disaster management principles and gaining a working knowledge of the functioning of an emergency operations centre. The module is designed for practitioners, policymakers, and other stakeholders who work in the many fields that contribute to reducing the health risks and consequences of all types of emergencies and disasters.

viii. Public Health Emergency and Disaster Management Professional Development Programme (PHEDM-PDP)- Tier II, (Foundational Course, Participant's Guide)

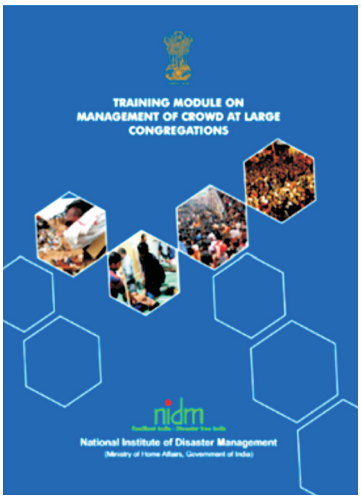


The training module on 'Public Health Emergency and Disaster Management Professional Development Programme (PHEDM-PDP)- Tier II, (Foundational Course, Participant's Guide)' jointly developed by NIDM, NCDC, and CDC aims to provide in-depth exposure to public health emergency management frameworks, functions, staff, and program elements. The present participant's guide provides a tier-II training package that covers a foundation for the Public Health Emergency and Disaster Management (PHEDM) principles, concepts, processes, tools, practices, and guidance to develop capacity at State and District levels.

ix. Training module on Management of Crowd at large Congregations

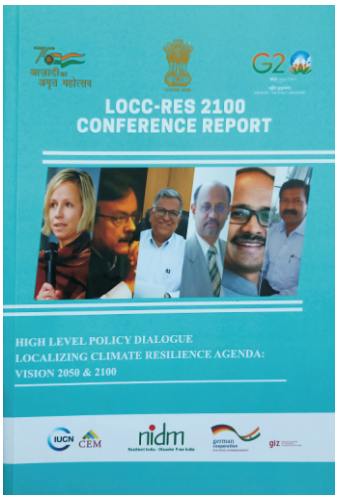
Recently, it has been seen that not only incidents of stampedes have increased, but there has been a considerable increase in loss of life also due to such incidents. Capacity building of various stakeholders' viz. administrators, event organizers, etc. through training and awareness generation, can undoubtedly play an important role in reducing risk due to crowd disasters (stampede). Training

on this aspect has not yet been taken up in the country Hence NIDM, took the initiative to conduct training courses on this important aspect in order to sensitize the concerned agencies about ways to reduce the risk of stampedes through various crowd management tools. The institute has developed this module in order to streamline the training on this aspect. The aim of the module is to sensitize the participants, including administrators, police, and other stakeholders about various practices of preparedness and response, with respect to stampede and equip them to use such tools for reducing the risk of such incidents.



Proceedings

i. Conference Report: High Level Policy Dialogue Localizing Climate Resilience Agenda: Vision 2050 & 2100 LOCC-RES



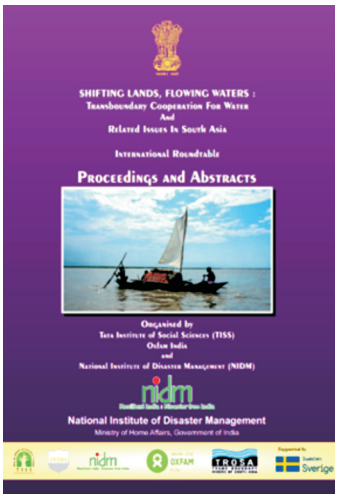
The recent 6th assessment report of IPCC has not only warranted urgent action for Long term resilience in human development but also forewarned about the complexity of futuristic risks. Identifying the far reached- i.e. 2050 and 2100-climate challenges and further sketching strategies to combat them requires a greater science-policy-research interface at all levels. It calls for a futuristic focusing specifically on strengthening the existing S&T and Policy frameworks. 'LOCC-RES 2100 i.e. Localizing Climate Resilience Agenda: 2050 & 2100 Visions' is a step towards understanding the futuristic climate issues and challenges. The discussions and deliberation during this high level policy dialogue tries to offer key entry points for S&T for the post 2050 DRR and climate resilience adaptation agenda.

ii. Proceedings of Science & Technology Research-Policy-practice Interface for Climate Risk Management

This report focuses on the three-day conference held on Science & Technology Research-Policy-Practice Interface on Climate Risk Mitigation, an effort towards identifying the commitment of the academic and scientific community towards implementing item 5 of PM's Agenda 10, i.e., leveraging Science & Technology for Disaster Risk Management. The report promoted knowledge sharing among a broad range of stakeholders and helped in enhancing the understanding of risk assessments and the private sector's contributions to risk assessments for incorporating risk assessment into action, risk-sensitive investment. The document was designed to help share best practices related to the inclusion of DRR in Business Continuity Plans.



iii. Shifting Lands, Flowing Waters: International Roundtable Conference on Trans-boundary Cooperation for Water and Related Issues in South Asia



The present Proceedings provide an executive summary of the four-day international Roundtable Conference on 'Shifting Lands, Flowing Waters: Trans boundary Water Governance in South Asia' organized by Jamsetji Tata School of Disaster Studies (JTSDS), Tata Institute of Social Sciences (TISS), Mumbai; Oxfam India; and, National Institute of Disaster Management (NIDM). Further, the study explores an understanding of different stakeholders' perspectives which is significant for bridging gaps and facilitating a constructive dialogue for the betterment of marginalized and vulnerable water-dependent groups. The proceeding contains details that acknowledge that policies in South Asia need to deepen their agenda towards just and equitable sharing of water resources across the riparian regions, with an inclusive and people-cantered approach of decision-making. It also includes the abstracts of the papers presented.

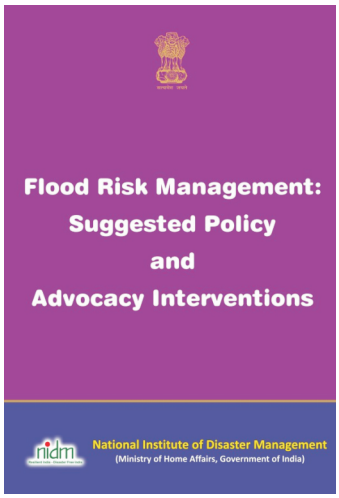
iv. Summary Report of Weekly Webinar Series on "Public Health Emergency and Disaster Management during and beyond COVID-19: Building Resilient Workforce, System, and Infrastructure in India



This summary report of the weekly series on 'Public Health Emergency and Disaster Management during and Beyond COVID-19: Building Resilient Workforce, System, and Infrastructure in India' was a step to foster national and international frameworks and guidelines besides enhancing capabilities in handling public health emergencies and disasters. This report will spread awareness of the knowledge gained to attain last-mile connectivity and improve public health emergency and disaster management capabilities. The Series Comprises of 24 Webinars is various theme related to PHEDM.

Case Study

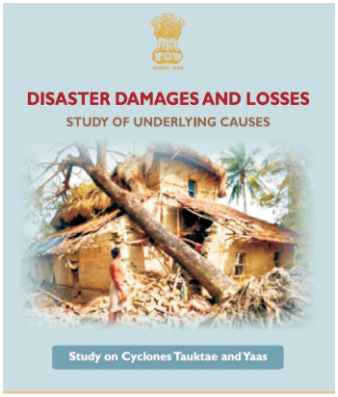
i. Flood Risk Management: Suggested Policy and Advocacy Interventions



This document suggests a new framework for flood management in India. It also proposes an action plan for flood risk and disaster management for reservoir, dam and basin which includes establishment of an integrated Reservoir, Dam and River Basin Management Authority that will perform an assessment of flood risk at the national and state level. After a successful assessment, a flood management plan has been developed and adopted.

The Integrated Reservoirs, Dam & River Basin Management Authority (IRDRBMA) plays an integral role at every step of flood risk management from the pre-flood phase to the post-flood phase situations.

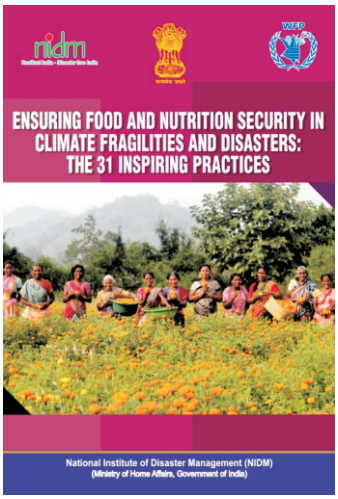
ii. Disaster Damages and Losses - Study of Underlying Causes (Study on Cyclones Tauktae and Yaas)



This study intends to analyze and understand the factors that have led to the damages, including the fatalities, due to cyclones Tauktae and Yaas and further identify the recommendations for strengthening preparedness. To objectively analyse the damages and identify potential causes of damages specific to each state, six domains of loss or damage due to cyclonic events are formulated: a. Damage & Loss of Human Lives b. Damage & Loss of Livelihoods c. Damage to Housing Structures d. Damage to Physical Infrastructure e. Damage to Social Infrastructure and f. Damage to Environment.

iii. Ensuring Food and Nutrition Security in Climate Fragilities and Disasters: The 31 Inspiring Practices

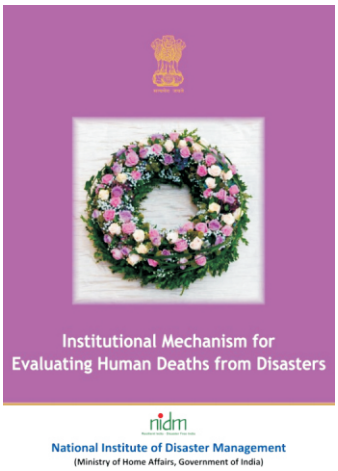
Among the various implications of climate change and disasters, one of the worst affected processes is the one that underpins food security. For ages, India's strategy of responding to disasters came from a relief-oriented perspective. However, in the recent times, there has been a remarkable shift to adding improvised strategies in the Disaster Management Framework in terms of prevention, mitigation and preparedness. The Disaster Management Act, 2005 as well as the various Reforms and Initiatives in the Public Distribution System has laid down clear management and operational goals with demonstrated results. Keeping in view the interrelationship between Climate Change and Disasters and the need to mainstream Food Security in parallel situations, this compendium throws light on a number of proven and innovative solutions across Asia and provides with a gist of various coping mechanisms adopted by supporting agencies as well as survivor communities to tackle the challenges related to food during disaster from a perspective which is beyond food availability and relief. Therefore, with a view of enabling populations to practice adaptive strategies as well as build capacities to be resilient, this compendium is generated to share information on the various demonstrated solutions and strategies in the field of agriculture, technology, food, capacity building and training that has facilitated in overcoming the challenges related to food in a situation of emergency simultaneously providing an opportunity for further scaling and replication.



iv. Institutional Mechanism for Evaluating Human Deaths from Disasters

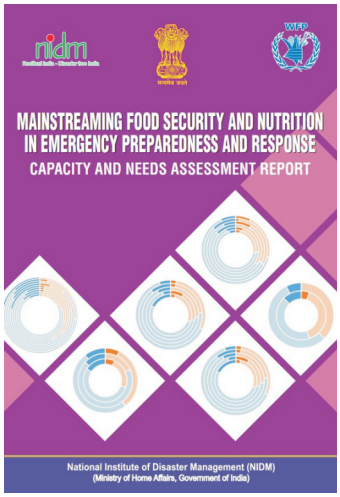
The study has been carried out in four states i.e. Gujarat, Maharashtra, Odisha and West Bengal. It has helped to identify the root cause of disaster effects on human lives due to the two cyclones i.e.

Tauktae & Yaas. It also identifies the reasons for the mishaps behind these effects on human lives. Also this study suggests an Institutional mechanism at the states/district level to analyze disaster effects on human lives to improve DRR. In addition, the study would help in developing suitable training and awareness and IEC materials.



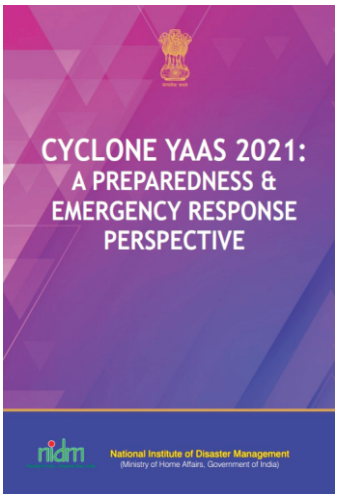
v. Mainstreaming Food Security and Nutrition in Emergency Preparedness and Response (Capacity and Need Assessment Report)

With the changing risk landscape, it is nothing but imperative that capacity-strengthening efforts are evolved to be a continuous and dynamic process so that the humanitarian structures are constantly updated and strengthened to meet any sudden or emerging humanitarian need. It is therefore that National Institute of Disaster Management (NIDM) with technical support from the United Nations World Food Programme (WFP) has conducted the capacity needs assessment with the objective of identifying the current and latent capacities along with the capacity gaps so that the capacity strengthening framework is designed to be more strategic to strengthen the Emergency Preparedness and Response (EPR) programmes. The study in itself is a starting point, expected to improve the understanding on current capacities and gaps, but at a more strategic level, in the long term.



vi. Cyclone YAAS 2021: A Preparedness and Emergency Response Perspective

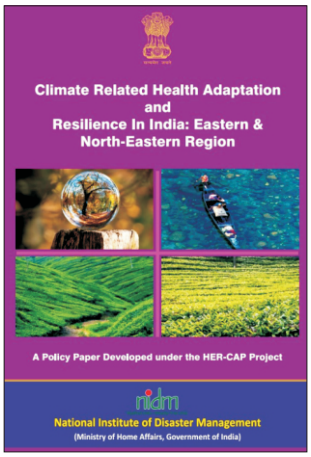
On 26 May 2021, the severe cyclonic storm “YASS” made landfall on the east coast of India, causing heavy losses and damage to infrastructure, predominantly in the coastal districts of Odisha and West Bengal. The cyclone hit at a time when the disaster management systems in India, particularly the medical and healthcare systems, were overstretched in managing the deadly second wave of the COVID-19 Pandemic. The disaster was responded to in a very professional manner by the Central Government and also by the respective State Governments. The challenging conditions during the cyclone have thrown up issues that merit consideration, particularly in multi-hazard scenarios. This document highlights Cyclone YASS in a chronological manner from all the important stakeholders and brings out valuable lessons.



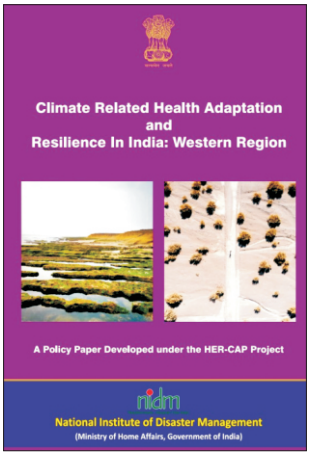
vii. Climate Related Health Adaptation and Resilience in India: Eastern and North Eastern Region

It is very evident that both in the Eastern and North-Eastern Region the temperature has increased, and the distribution of the rainfall has shrunken within few days to few weeks resulting in water inundation and flood-like situations in Urban, Peri-Urban and village areas. This gives rise to vector-

borne diseases. On the other hand, increasing pollution are leading to Respiratory and Cardiac diseases. This policy paper describes a subtle ways of mitigating such health issues and building resilience towards this, without changing the climatic scenario.

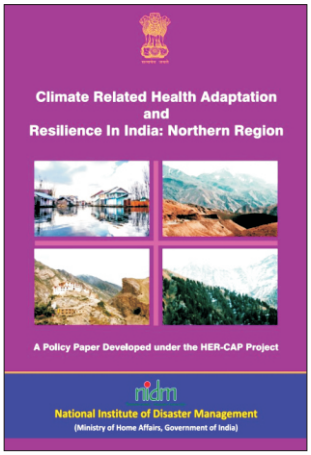


viii. Climate Related Health Adaptation and Resilience in India: Western Region



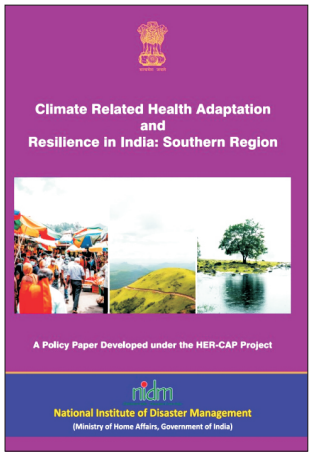
The western parts of India, are located in the arid region of India. Due to the geographic location, climatic conditions, and other factors, the climatic impact on these regions and human health differs from other parts. Simultaneously, the adaptive capacity of each region and State is different due to many parameters like the availability of health care infrastructure, education, and social structure. This Policy paper covers all these existing and forthcoming problems and their mitigation measures and resilience policy after close consultation with the experts of Western States & UTs.

ix. Climate Related Health Adaptation and Resilience in India: Northern Region



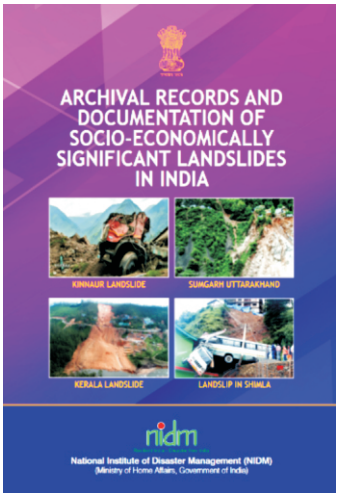
It is evident that the flood-affected northern region is particularly vulnerable to climate change impacts due to its specific agro-geo-ecology. Protection and maintenance of ecosystems will be helpful in strengthening preventive aspects of health problems. Capacity building of front-line functionaries will help in developing the resilience of people living in rural, Peri-urban and urban areas. This paper describes a subtle way of mitigating such health issues and building resilience without changing the climatic scenario.

x. Climate Related Health Adaptation and Resilience in India: Southern Region



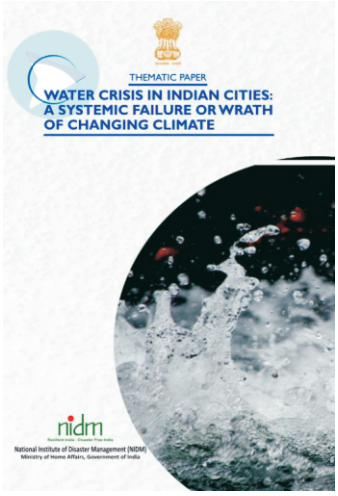
In the Southern States, social and demographic factors such as population growth, urbanization, immigration, changes in land use and sea level rise, international travel, and breakdown in public health services have been mainly responsible for the recent resurgence of infectious diseases. Public health effects of various disasters include diseases and illnesses associated with the loss of clean water, hygiene, and sanitation, loss of shelter and belongings, population displacement, toxic exposure, and hunger and malnutrition risk due to food scarcity. This policy paper covers all these existing and forthcoming problems and their mitigation measures and resilience policy after close consultation with the experts of Southern States & UTs.

xi. Archival Records and Documentation of Socio-Economically Significant Landslides in India



In the present document, landslides have been classified into different categories by defining the level of socio-economic impact, i.e., low, moderate, or high. A few landslides falling under the severe category have been discussed in detail. These include Nashri landslide, Khuni Nallah landslide, Malpa Rock avalanche, The Great Alaknanda Tragedy, Kaliasaur landslide, Sher ka Danda, Snowdon landslide, Gangtok-Siliguri Road landslide, Marappalam landslide, Amboori landslide, Tragedy of Jhakhla, Lah village, Bheti-Paundar landslide, Phata-Byung landslide, Varunavat Parvat landslide, Munsiyari landslide, Kapkot landslide, Aizawl landslide, Kedarnath landslide, Kerala flood induced slides, Chamoli lake outburst flood, Kinnaur landslide and many more. To understand the severity of landslides in India and the mandate to document the major disasters, NIDM attempts to record some archived events to strengthen our future strategies for landslide risk reduction and resilience.

xii. Water Crisis in Indian Cities: A Systemic Failure or Wrath of Climate



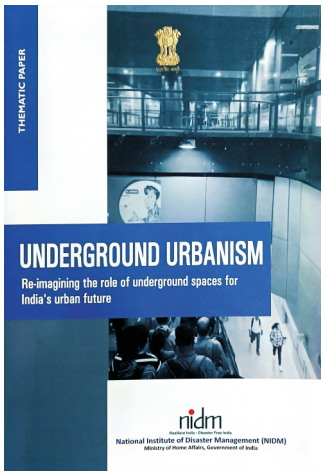
This publication discusses two case studies focusing on the looming water crisis in the National Capital Region of Delhi and the Metropolitan area of Chennai, as both cities faced acute water crises in recent years, which have affected the marginalized community disproportionately. It also highlights the proactive measures for ensuring long-term sustainability in this regard. This publication is brought out under the CAP-RES project supported by DST and holds much relevance given the increasing climate change and overutilization and exploitation of groundwater resources within the country. It focuses on the water crisis situations in the metropolitan cities of India-Chennai and Delhi NCR. The study suggests prevention, mitigation, and preparedness measures for proactive urban management.

xiii. Landscape Approach and Role in Disaster Management: Moving Beyond Conventional Concepts towards Implementation Frameworks



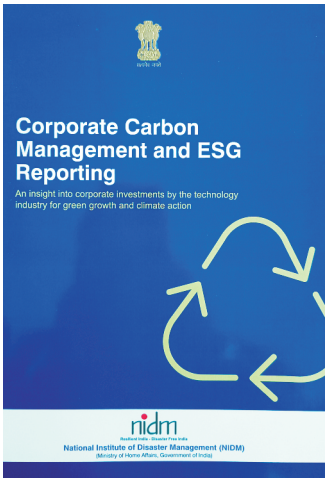
This publication focuses on the role of implementation of the landscape approach in disaster management and moving beyond the conventional concepts towards implementation frameworks and discusses case studies on the subject. The paper tries to highlight the key facets of the landscape approach in disaster management planning by integrating it in sectoral plans. The study revolves around two important questions a. Effectiveness of the landscape approach for disaster risk reduction and b. Characteristics of effective implementation of the landscape approach.

xiv. Underground Urbanism: Re-imagining the Role of underground spaces for India's urban future



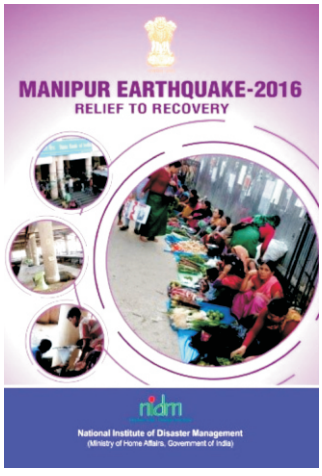
This study provides valuable insights into the world of underground spaces. It highlights the role these spaces are playing and can play in climate response and sustainable development using case examples from across the world. It is an attempt to explore the potentials of subsurface spatial developments for human activities and habitation and tries to understand how underground urbanism can be an effective alternative to vertical and horizontal spatial development for a sustainable, resilient, and inclusive future. The paper also highlights the key policy and governance challenges and opportunities for the use of underground spaces, with a particular focus on India.

xv. Corporate Carbon Management and ESG Reporting: An Insight into corporate investments by the technology industry for green growth and climate action



This study provides valuable insights into the world of corporate ESG reporting and corporate carbon management. It highlights the role companies are playing and can play in climate action and green growth using case examples of five of the world renowned companies in the technology industry. Catering to this, there is a need for significant expansion of the scale and scope of corporate investments towards carbon reduction and removal as Carbon Management can provide a broad spectrum of opportunities to amplify and initiate global impacts. This publication contributed to the project by trying to analyze corporate carbon performance as a component of ESG reporting with special focus on the technology sector

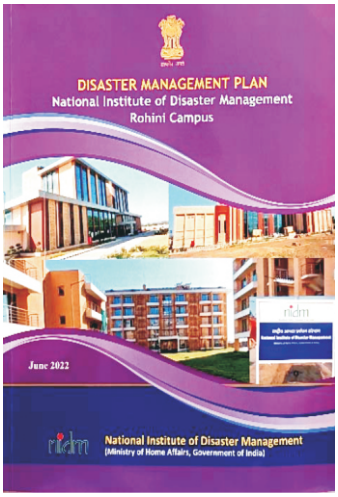
xvi. Manipur Earthquake - 2016 Relief to Recovery



'Manipur Earthquake – 2016: Relief to Recovery' has been written to collate and understand the impact and damage pattern, which will help build better and resilient infrastructure in the future. The document covers the 2016 event in detail, from impact to rescue, relief, and recovery and focuses on the damage assessment of structures in the affected areas. Some major issues and causes of damage have been discussed, along with good practices which were initiated post-disaster, including retrofitting measures and outlining the way forward. The present report is an effort to foster the Hon'ble Prime Minister's 10-Point Agenda on DRR, which, as per point number 9, stipulates 'to ensure that the opportunity to learn from a disaster is not wasted and to document the learning from major disasters in the country'.

xvii. Disaster Management Plan

In recent years, taking a cue from DM Act 2005, NIDM has been giving increased focus towards institutionalizing DRR/ DRM at all levels. In this context, NIDM has prepared Disaster Management Plan for its Rohini Campus after due deliberations by the Committee appointed for this purpose. NIDM DM Plan document entails the information about genesis of NIDM, prevailing hazards, vulnerabilities and capacities. Based on the analysis of available information, preparedness, mitigation and response strategies have been proposed for effectively tacking the situations arising out of the hazards. A comprehensive, holistic and multi hazard approach has been adopted while preparing the NIDM DM Plan. This Plan document will help all concerned stakeholders in their efforts and initiatives towards making NIDM Campus a disaster resilient entity and will ensure safety and well-being of the occupants/citizens of the Rohini Campus.



NIDM Journal Disaster & Development

i. Disaster & Development January-June 2022 (Volume 11, No. 1)

The institute publishes a bi-annual Journal titled "Disaster & Development Journal." The first issue of the journal was released by Dr. Manmohan Singh, Hon'ble Prime Minister of India, at the inaugural function of the First India Disaster Management Congress on 29 November 2006 at Vigyan Bhawan, New Delhi. In 2022, Disaster & Development journal received UGC-CARE Indexing. This issue covers high quality researches on various subjects like Hazards, vulnerabilities, capacities and disasters studies; Disaster Risk Reduction and Resilience (DRR&R); Impacts of and response to disasters; Post-disaster recovery; Community based environment, Urbanization, Climate change adaptation and safe sustainable development.



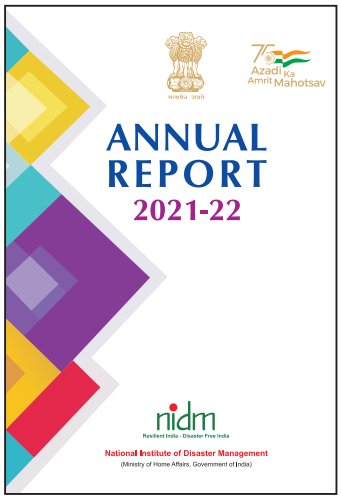
ii. Disaster & Development July-December 2022 (Volume 11, No. 2)

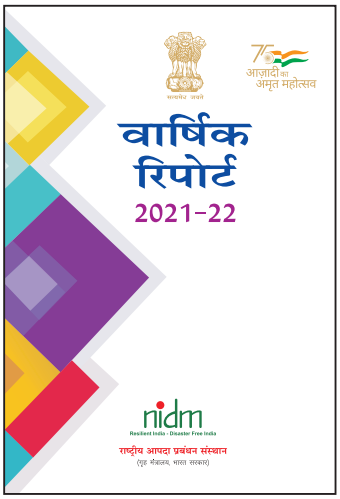
This issue covers research works on all facets of Disaster Risk Reduction and Resilience (DRR&R) which will be helpful to readers in enhancing their understanding and knowledge regarding the natural hazards, associated risks, preparedness, prevention and mitigation measures to achieve the goal of zero casualties and make India disaster resilient.



Annual Report English (2021-22)

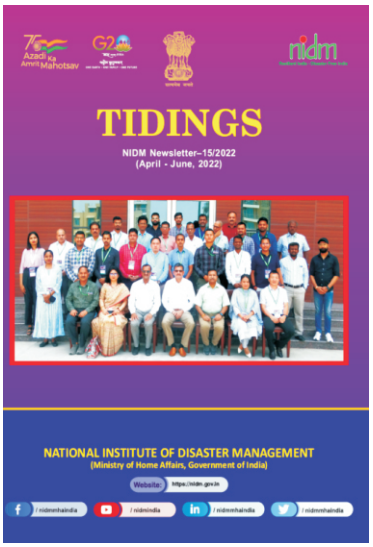
Annual Report of NIDM for the year 2021-22 has been published in both English and Hindi. The report contains details of the vision, mission, mandates, structure, functions and major achievements of the Institute. The report has been structured in eight chapters viz. Overview, Organizational Setup, Training Programmes, Projects, Knowledge Management and Awareness Activities Major Events/Workshop/ Conference/Seminars organized and Outreach Activities, Finance and Accounts; besides listing activities and progress achieved in terms of number of training/trainees, type of training etc. The achievements are presented in the form of maps, charts and figures to depict the geographical, typological and temporal trends. There are five annexures containing a detail list of training programmes organized at NIDM and off-campus, list of Members of Governing Body NIDM etc.

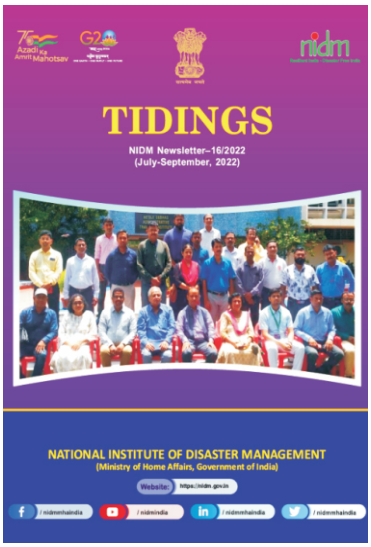




Newsletter Tidings

The NIDM Newsletter 'Tidings' is a quarterly publication. It highlights the recommendations of various training programmes, seminars, and workshops, which are undertaken by NIDM on a regular basis. Besides giving advance publicity on the training programmes, the Newsletter covers the news of faculty development, success stories, visits and delegations, etc.







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CHAPTER 6

WORKSHOPS/ SEMINARS/ CONFERENCES/ FACE-TO-FACE PROGRAMMES

WORKSHOPS/SEMINARS/CONFERENCES/ FACE-TO-FACE PROGRAMMES

6.1 PM Agenda No.1 & 8: Workshop on Capacity Enhancement for Disaster Risk Reduction and Resilience, 20-21 April 2022

Two days' workshop was organized at Rafi Ahmed Kidwai National Postal Academy (RAKNPA), Ghaziabad, Uttar Pradesh for the officers of the postal service to share and exchange knowledge/ information on Disaster Risk Reduction and Resilience and to ensure the capacity enhancement of the community. The workshop aimed to develop solutions for development projects and mitigation and management of recurring disasters. It also focused on strengthening mechanisms for effective implementation of disaster management-related activities at the national, state and local level.

6.2 Workshop on Public Health Emergency and Disaster Management, 01 June 2022

The workshop was held at Dehradun, Uttarakhand and aimed to appraise the mentors about Public Health Emergency and Disaster Management. Besides sharing the strategies for effective mentoring, it was structured to discuss the roles, responsibilities, and attributes of a mentor. The workshop highlighted that mentors play a crucial role in capacity building and system strengthening. It was suggested that the Uttarakhand state could develop a model to enhance capacity and system strengthening. Based on a review, it could be documented as best practices and shared with other states.



6.3 Orientation Workshop or Nodal Officers of Disaster Management of Ministries / Departments of Government of India, 27-28 June 2022

The orientation workshop was aimed to sensitize and design the Disaster Management Plans for the various sectors. The objective was to acquaint the participants with National Disaster Management Plan. Prof. Santosh Kumar emphasized that the sustainable development goal is the major focus of their concern. He stressed the workshop's discussion on the D.M. plan template and execution, as well as the significance of science and technology in D.M. plans.

A comprehensive understanding of the Sendai Framework and PM 10 Point Agenda on DRR was discussed.



6.4 National Consultative Workshop on Public Health Management of Chemical Emergencies, 30 June-01 July 2022

A consultative workshop on "Public Health Management of Chemical Emergencies" was organized by the National Centre for Disease Control (NCDC), Delhi in collaboration with World Health Organization, Country Office for India. The participants were representatives from the National Disaster Management Authority (NDMA), State Disaster Management Authorities (SDMAs), National Institute of Disaster Management (NIDM), Public Health experts and other officials engaged in the management of chemical emergencies, the First Responder Groups, such as officials from SDRF, experts from research organizations such as, DRDE, ICMR-NIO, Medical Institutes & Health care facilities, and the officers and regulators from the local administration. A total of 56 participants attended the program.



6.5 Sensitization Workshop on Disaster Management of Museums and Heritage Buildings for Rashtrapati Bhavan, 07-08 July 2022

The programme started with the welcome address of Prof. Santosh Kumar, Head GIDRR Division. In his address, he emphasized the preservation and conservation of cultural heritage in current times. Cultural heritage has the potential to promote access to and enjoyment of cultural diversity. Furthermore, he discussed the Sendai Framework, whose goals are on lowering carbon and other greenhouse gas emissions, improving governance for disaster risk reduction, which includes policies,



plans, guidelines, etc., and managing disaster risk at the sectoral level. The primary objective of this workshop was to integrate the specific needs of cultural heritage within the framework of disaster risk reduction within the historic site of Rashtrapati Bhavan. The participants were then given a brief documentary that represented life in Odisha following the arrival of Cyclone Fani in 2019. Due to the uprooting of millions of trees, the storm substantially reduced the amount of vegetation. While the evacuation was successful, a significant amount of infrastructure was lost.

In the valedictory session, Shri Ajay Bhadoo, IAS, Joint Secretary to the President of India, Rashtrapati Bhavan, concluded that the workshop was an eye opener for creating awareness in Rashtrapati Bhavan regarding disaster preparedness.

6.6 Workshop on Disaster Management, 21 July 2022

NIDM proposed a collaborative one day workshop on Disaster Management held at Rafi Ahmed Kidwai National Post Academy (RAKNPA), Ghaziabad. The program was chaired by Dr. Surya Parkash, Professor & Head, GMRD, NIDM and Sh. Ambesh Upmanyu, Additional Director, RAKNPA. It was organised for the officers of the postal service to share and exchange knowledge/ information on Disaster Risk Reduction and Resilience to ensure the capacity enhancement of the community. The participants also consulted collaboration and strengthening mechanisms for effective implementation of disaster management related activities at national, state as well as local level.

6.7 Ideation Workshop for development of the Toolkit for Social and Behavioural Change Module under NIDM-UNICEF collaboration, 29th July 2022

NIDM in partnership with UNICEF has launched a training module on 'Social and Behaviour Change Communication in Context of Disaster Risk Reduction' in December 2021. To further strengthen the DRR initiative and support NIDM, a comprehensive toolkit comprising of the training aids and IEC materials will be developed. To take this forward an ideation session with stakeholders was organized on 29th July 2022 with the following objectives:

- Share the SBCC training module.
- Share the communication materials review findings and recommendations.
- Finalize a list of SBC tools and materials that need to be developed to complement the training modules.

The workshop was attended by the representatives from NIDM, UNICEF, Sphere India, All India Disaster Mitigation Institute (AIDMI), IDSP/NCDC, and UNICEF's technical partner Envisions Institute of Development. The key recommendations from the workshop initially focus on 5 disasters – earthquake, cyclone, flood, and public health emergency.

6.8 Workshop on Wetlands as Nature-based Solutions to Reduce Disaster Risks, 12-13 Sept 2022

National Institute of Disaster Management in collaboration with Wetlands International South Asia and the United Nations Convention to Combat Desertification has organized a two day consultation

workshop to build an understanding of NbS for integration within disaster management plans. The convenors of the workshop were Prof. Anil K Gupta, Head, ECDRM Division, NIDM and Dr Ritesh Kumar, Director, WI South Asia. The aim of the workshop was to mainstream NbS Calls for an urgent need to educate disaster professionals on this approach's concepts and principles and recognize both central and state-level policies, plans and schemes that can facilitate convergence.



6.9 Expert Dialogue on Climate Risk Assessment Approaches for India, 14 Sept 2022



National Institute of Disaster Management organized a workshop to enable the exchange of experience in conducting Climate Risk Assessments (CRA) in India that caters to the information needs of public and private stakeholders. The workshop highlighted similarities and differences, gaps and limitations and recommended a means for strengthening the application of CRA methods and tools. CEOs of esteemed organizations, Professors of IITs, Sector experts from UN organizations, and other bilateral participated the programme.

6.10 Preparation of DM Plan for Ministry of Health and Family Welfare DM Cell, 22 September 2022

The Sendai Framework for Disaster Risk Reduction (2015-2030), to which India is a signatory focused on identification of risks and mapping them in all development sectors. India being a multi-hazard prone country and is frequently affected by different hazards and keeping this in view, ease of living can be achieved by building capacities that contribute towards better governance at State and District levels. To become a disaster resilient nation, reducing the losses due to physical, environmental and socio-economic factors is imperative. States and UTs in India have major role in promoting and implementing DRR agenda Disaster Management Plan of all Central Ministries and respective line departments is a key instrument towards strategic and planned approach for risk assessment, prevention-mitigation, emergency response, capacity and recovery resources, in systemic ways.

In this context, a sensitization workshop was organized at Ministry of Health and Family Welfare (MoHFW) at their Disaster Management Cell in Nirman Bhawan on 21st September 2022 by NDMA and NIDM. The agenda was to orient members of Disaster Management Cell of MoHFW in developing their own DM Plan. A detailed DM Template along with proposed outline of the chapters were shared with the MoHFW team for further preparation of the DM plan. The workshop was attended by all the members of MoHFW DM Cell.

6.11 Workshop on Boat & Navigational Safety with Special Reference to Hy-met Disasters, 10-12 October 2022

A three-day Face to Face workshop on "Boat & Navigational Safety with Special Reference to Hydro-meteorological Disasters," a joint initiative of NIDM and IWAI, Ministry of Ports, Shipping and Waterways, Govt. of India organized at the National Inland Navigation Institute (NINI), Patna, from 10-12 October 2022. The workshop has come out with recommendations to incorporate into the existing disaster management system/plan to make all inland waterways disaster resilient. Capt. Mahendra Kumar, Hydrographic Chief, IWAI & Dr. Rajnish Ranjan, Sr. Consultant, NIDM, unfolded the inaugural session. The programme included eminent speakers Dr. Rajnish Ranjan, NIDM, New Delhi; Capt. Inderveer Solanki, M.D. Spring Professional Services Pvt. Ltd.; Capt. Ashwin Solanki, Chief Nautical Officer, Gujarat Maritime Board, and Sh. Vivek Sinha, IMD.





6.12 National Workshop on Reducing Risk and Building Resilience: Capacity Building in the Mountain States, 20-21 Oct 2022

To strengthen the existing mechanism and to build capacity within the Himalayan States for disaster risk reduction, a national workshop, "Reducing Risk and Building Resilience: Capacity Building in the Mountain States," was held at Dr. R.S.T Uttarakhand Academy of Administration (RSTUAoA), Nainital with the joint effort of the host institution and NIDM, Ministry of Home Affairs, New Delhi from 20th to 21st Oct 2022. More than 300 participants from 12 states/UTs, academicians and research scholars, non - governmental organizations, representatives from national and state disaster response forces, and grass-root level stakeholders from the District level offices of Uttarakhand state participated and contributed. The overarching theme of the workshop was discussed for two days in different technical and plenary sessions and focused on the development



and implementation of local Disaster Risk Reduction strategies and action plans that are aligned with the national DRR strategies and Sendai Framework.

6.13 Trainer's Development (TOTs) Strategy in DRR Capacity Building Consultation Workshop, 02 Nov 2022

Disaster Risk Reduction Capacity Building Consultation Workshop was held at NIDM, New Delhi and aligned with TOTs as a core objective, with a proposed full-fledged training academy. Issues of policy and resources were discussed in inducting trained trainers from outside the Government system to be included in TOTs and assigning training batches to them as a follow-up. It was proposed to develop a strategic work plan for TOTs (Trainer's development) as part of the Professional Development Programme in disaster management. A total of 31 participants attended the program.

6.14 National Conference on Public Health Emergency & Disaster Management (PHEDM) , 05 Dec 2022

The National Conference on Public Health Emergency and Disaster Management (PHEDM) was inaugurated by the Hon'ble Minister of State, Ministry of Home Affairs, Government of India, and Shri Ajay Kumar Mishra. The event was organized by the National Institute of Disaster Management (NIDM) with support from the National Centre for Disease Control (NCDC), Ministry of Health and Family Welfare (MoHFW) and the U.S. Centers for Disease Control and Prevention (CDC). The conference aimed to promote the exchange of information, knowledge and innovation on understanding PHEDM, enhance preparedness and response capabilities and explore recent advances in the field. Two documents, Training Package on Public Health Emergency and Disaster Management – Professional Development Programme (PHEDM - PDP) – Tier II (Participants and Facilitators Guide) and Summary Report of the Weekly Webinar Series on PHEDM, were launched during the conference.





The conference's discussions highlighted the need to adopt an evidence-based, people-centric, whole-of-government approach to combating emergencies and disasters' adverse impacts. The crucial role of the community was also underlined during the discussions to effectively confront the challenges posed by unprecedented events. The deliberations also emphasized the Hon'ble Prime Minister's Ten Point Agenda and encouraged the documentation of best practices and learning from past events for a safe, sustainable, and resilient future.

Overall, the National Conference on PHEDM was an important step in fostering India's G20 Presidency's theme, 'Vasudhaiva Kutumbakam' or 'One Earth, One Family and One Future'. It provided an excellent opportunity for policymakers, practitioners, and stakeholders to come together, share their experiences and knowledge, and work collaboratively toward a safer and more resilient future. One key way forward from the National conference was that NIDM-NCDC-CDC should continue their joint interventions and initiatives right from the community to the policymakers' level for strengthening the capacities of the staff, and system besides implementing the same in other states as well.

6.15 National Seminar on Seismic Micro-Zonation Risk Analysis and Disaster Mitigation Procedures, 19 January 2023



National Institute of Disaster Management (NIDM) and Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia (JMI) jointly organized a one-day National Seminar on "Seismic Microzonation and Disaster Mitigation" on 19th January, 2023 at the Auditorium of the Faculty of Engineering & Technology, JMI. The Guest of Honour was Shri Taj Hassan (IPS), the then Executive Director, National Institute of Disaster Management and Chief Guest was Prof Iqbal H. Khan, Founder Dean, Faculty of Engineering & Technology, JMI. The event was flagged off by Professor Gauhar Mahmood who was the convener of the seminar. He briefly explained the concept of micro zonation and highlighting the importance of such seminars.

- Two technical sessions on seismic micro zonation and seismic risk mitigation in urban context were held during the seminar. More than 200 participants attended the seminar among which few selected students/scholars presented their research posters based on the theme of the seminar.

6.16 International Disaster Risk and Vulnerability Conference 2023 (DRVC 2023), 19-21 January 2023

A 5th international conference, Disaster, Risk and Vulnerability Conference 2023 (DRVC 2023) organized by the School of Environmental Sciences, Mahatma Gandhi University, hosted the 5th Disaster Risk and Vulnerability Conference from 19-21 January 2023 and was an ideal venue for revamping disaster education at the University level by collating and incorporating expert suggestions in this area.

The conference brought together experts working on the multifarious aspects of disaster management. The discussions and brainstorming sessions conveyed about suggestions for mitigation that could have a long-reaching impact on Indian disaster management policy formulation.

The three-day conference was enriched with 8 keynote addresses, 2 plenary talks, 1 invited talk, and 63 paper presentations. DRVC 2023 brought together a total of 96 registered participants, including representatives from government organizations, non-governmental originations, academicians, research scholars, and the student community. Participants were from inside and outside the country.

6.17 Challenges and updated in Emergency, Trauma, and Critical Care during Disaster (NCNCON-2023), 27-28 January 2023

The 3rd PGIMER National Critical Care Nursing Conference (NCNCON 2023) was organized by Society for Critical Care Nursing and the Society for Emergency, Trauma, and Disaster with the academic partnership of NIDM, Ministry of Home Affairs from 27-28 January 2023 at Bhargava Auditorium, PGIMER, Chandigarh. The main highlights of the conference were Disaster preparedness/ mitigation, clinical topics, and more types of continued Nursing Education and including the hands-on workshop provided to the participants. The conference was attended by thousands of participants, including Nurses, Nursing scholars, Doctors, and paramedics.



6.18 Conference and Awards on Industrial Disaster Risk Management, 28 February 2023

Conference on Industrial Disaster Risk Management and FICCI-GIZ Awards Ceremony was organised by CBRN, Industrial and Cyber DRR&R division of NIDM with a focus on fostering Industrial Safety, Resilience of Critical Infrastructure and Cyber Risk Mitigation in collaboration with FICCI-India and GIZ on 28th February 2023. The conference provided a platform to industries to share their experiences and best practices adopted to promote resilience in the industries. The conference was attended by more than 50 participants from various industries including Oil and Gas. The industries which are implementing and promoting disaster risk reduction and resilience were facilitated by awards.











6.19 Workshop on School Safety: Challenges and Road Ahead, 01- 02 March 2023

A workshop on 'School Safety' was organized by NIDM in collaboration with Vigyan Prasar, Noida. A total of 50 teachers and principals attended the workshop. The workshop focused on developing skills amongst the participants to undertake hazard, risk, vulnerability and capacity analysis along with development of School Disaster Management Plan. The participants were also sensitized about maintaining disaster management kits and fire extinguishers for reducing hazards.



6.20 Workshop on Disaster Management, 15-16 March 2023

A workshop on Disaster Management was organized by NIDM in collaboration with Rafi Ahmed Kidwai National Postal Academy (RAKNPA), Ghaziabad, Uttar Pradesh. The workshop began with explaining on basic concepts of Disaster Risk Reduction & Resilience along with Disaster Management Institutional and Legal Framework. The programme included sessions on need for Multihazard Early Warning System, Safety and Preparedness Measures for different types of disasters, Fire Safety and Fire Fighting Demonstration. Participants were also taught to operate fire extinguishers of different types such as CO_2, Dry Chemical Powder etc.



6.21 Face to Face Training Programmes

1. ToT/PDP on Capacity Enhancement for integration and mainstreaming of SFDRR, SDG and CCA, 04-08 April 2022, Bhopal

Key Takeaway/Recommendations

a) World has arrived at a crucial turning point with the inception of three major global frameworks dedicated to sustainable development (SD), disaster risk reduction (DRR) and climate change adaptation (CCA). Policy brief identifies approaches that could help achieve better synergies in implementing three major global frameworks on the ground via programmatic integration, collaboration, capacity building, and innovation.



b) Coordinated response is now needed from all relevant stakeholders to maximize implementation on the ground.

c) At the national level, the economic aspect is key to sustainable development in many Countries - DRR and CCA can assist in economic development objectives of most developing and least developed countries without compromising environmental integrity or increasing disaster risk.

d) At the local level, strong convergence of SD, DRR, and CCA calls for greater collaboration among related stakeholders with adaptive management - not just in drafting broad plans and policies but also actual implementation, monitoring and evaluation, via collaboration among local governments, local experts, non-government organizations and business sectors.

2. Climate Change and Disaster Risk Reduction in District Level Plans, 04-08 April 2022, Deen Dayal Upadhyay, State Institute of Rural Development (DDUSIRD), Lucknow

Key Takeaway/Recommendations

a) Methods and Approaches for including CCA and DRR into Development Planning were discussed in detail. The participants learnt that this should be kept in mind by each and every department while planning for achieving their goals.



b) Legal Policy Framework for Disaster Management and Climate Change related issues were well understood by the participants.

c) Inclusion of DRR into Development Schemes and Projects was also discussed. During field visit it was practically assessed and well understood by the participants.

d) Lesson was learnt from the existing Schemes/Projects on Disaster Management and Climate Change in the present scenario.

e) Lesson was learnt by the participants in the field of Reducing Risk through Local Adaptation Practices with proper and practical examples.

f) Participants were able to understand the Sendai framework and its agenda.

g) Participants were able to understand Hazard, Risk, Vulnerability and Capacity analysis concepts, tools and techniques with practical examples.

3. ToT/PDP on Post Disaster Needs Assessment and Long Term Recovery, 04-08 April 2022, OSDMA, NIDM

Key Takeaway/Recommendations

a) When PDNA is conducted, social sector should be given utmost priority.

b) Emphasizing on the provisions for e-learning platforms for continuity of learning amongst students in post disaster recovery.

c) Sendai Framework for Disaster Risk Reduction 2015-2030 (Sendai Framework) was the first major agreement of the post-2015 development agenda and provides Member States with concrete actions to protect development gains from the risk of disaster.



d) Emphasizing the need for infrastructure rehabilitation and resilience.

e) India has to be more focused on recovery and rebuilding. The government should be more concerned with achieving a speedy and comprehensive recovery as well as disaster-resistant reconstruction.

f) Alternate assessment procedure may be more appropriate for smaller countries or smaller disasters.

g) When it comes to the social sector, one thing to be kept in mind is the age of the target population; age allows to get vaccines and education; yet, in catastrophe circumstances, such opportunities are missed out.

4. ToT on Understanding Mitigation Measures for Urban Resilience-Role of Civil Defence, 05-09 April 2022, DDMA, Delhi

Key Takeaway/Recommendations

a) Reasons behind the weak disaster management at the community level and how CDVs can be

the resource person for functional and territorial responsibilities.

b) Role of CDVs during wars to national emergencies to recent community frontline warriors in the COVID-19 Pandemic.

c) Urban resiliency in the context of Delhi.



d) Develop village disaster management plans and school disaster management plans to help the community to identify the hazard, risks, and vulnerabilities.

e) Discussion on the social vulnerabilities such as unauthorized construction, haphazard locality planning, and increasing population.

f) Discussion on trainer's Perspective on the issues and challenges in conducting Disaster Management Training in urban areas.

g) Identifying Urban Environment and Disaster Risk (Pollution, Waterlogging, Transport, and Solid Waste Management) and Mitigation measures.

h) Need for capacity-building programs for women with a focus on sustainable practices, as well as measures to improve women and leadership at the local level.

5. Training of Trainers Programme on Child Centric Disaster Risk Reduction Vijayawada, 18-22 April 2022, State Council of Education & Training Institute

Key Takeaway/Recommendations

a) Avoid touching Eyes, Nose and Mouth / Maintain respiratory hygiene / wash hands frequently and thoroughly.

b) Wearing a mask helps contain any potential infectious respiratory droplets that may be released while breathing, talking, or coughing - especially when social distancing is more challenging and even if the person doesn't yet know they're sick.

c) Regularly clean and disinfect frequently touched surfaces to prevent the further spread of the novel coronavirus which stays on the surfaces.



d) Promote social distancing (a term applied to certain actions that are taken to slow down the spread of a highly contagious disease, including limiting large groups of people coming together).

e) Understand basic information about coronavirus disease (COVID-19), including its symptoms, complications, how it is transmitted and how to prevent transmission.

f) Stay informed about COVID-19 through reputable sources such as UNICEF, WHO and national health ministry advisories.

g) Do not circulate social media posts which carry unverified or negative information/Seek information on COVID-19 from credible sources. Seek psychosocial support for any stress or anxiety.

h) Being fully vaccinated is one of the best measures one can take to keep oneself and his/her family safe.

i) Disaster risk reduction planning is must in the time of Covid-19 outbreak.

j) Provide necessary ways for reconstruction, recovery, resilience approach to fight a post disaster Situation.

6. Integrating Disaster Management Plan with Gram Panchayati Development Plan, 25-27 May 2022, UIRD, Rudrapur, Uttarakhand

Key Takeaway/Recommendations

a) Micro-level planning with accountable authorities hold immense importance in disasters.

b) Certain tools/assessments used in the Disaster Management realm may require proper understanding of basic concepts and methodology. Training and capacity building activities for a micro as block level must be made mandatory.



c) Understanding basic concepts related to resilient infrastructure, may help even a layman to ask questions to a mason regarding strong built, disaster resilient and safe homes.

d) Disaster Risk Reduction (DRR) and Disaster Risk Management (DRM) do not fall under the same box. While DRR aspects may be used in a pre-disaster scenario, DRM is used in a post-disaster. In India, for decades, focus has been mainly on the post-disaster scenario and efforts are being made currently to work on the pre disaster (DRR) aspects as well.

e) Hazard-Risk-Vulnerability and Capacity Assessment in any given disaster scenario, help rapidly to chalk out the most useful and accessible solutions as well as facilitates the use of DRR aspects.

f) India's diversity in terms of topography, ecology and culture demands tailor made solutions for specific spaces and communities. A village development management plan facilitates communities in the villages to tailor make solutions and to follow them during emergencies.

7. Long Term Recovery and Reconstruction Strategies, 30 May-03 June 2022, MSDMA, Meghalaya

Key Takeaway/Recommendations

a) NE region of India falls under the seismic zone V making it prone to earthquake of moderate to very high intensity and considered vulnerable to earthquakes of magnitude exceeding 8.0.

b) Gravity Anomaly over Shillong Plateau is distinctively positive (+40 mGal) as compared to its surroundings, which makes it the most anomalous part of the NE Indian Region.

c) Scientific publications have warned that very severe earthquakes are likely to occur anytime in the Himalayan Region, which could adversely affect the lives of several million people in India.



d) According to the Global Seismic Hazard Assessment Program, the highest peak gravitational acceleration (PGA) up to 0.24g to 0.48g can be expected along the Assam-Meghalaya's border – the site of the Great Indian earthquake of 1897.

e) Lot of data collection and data mining is required to find patterns of earthquake. There has been lack of continued success in observing precursors.

f) Forecasting may not be helpful in avoiding or reducing damages caused by earthquakes because buildings and other structures cannot be evacuated. It can, at the most, be helpful in saving human lives. In spite of this, efforts are on in making a forecast possible.

g) Multi hazard approach need to be taken while working on disaster management aspects.

h) Construction, re-construction should be done in alignment with the topography, lithology, vulnerabilities and capacities present within the state.

i) Growth and development if not properly evaluated, monitored and planned may add to the disaster risks of the nation.

j) Mainstreaming of actions in context of 'Disaster Management' should be taken as an inter-disciplinary effort.

8. ToT on Comprehensive Disaster Management, 06-10 June 2022, Institute of Land and Disaster Management, Thiruvananthapuram, Kerala

Key Takeaway/Recommendations

a) Hazard vulnerability analysis can systematically evaluate the damage that a potential disaster can create.

b) Reducing the disasters death tolls requires a comprehensive disaster management approach that accounts for the causes of vulnerability to disasters

c) Flexibility and mobility are needed for the proper functioning of disaster management teams.

d) Disaster management does not eliminate the threats but it can create proper plans to decrease the effect of disasters.



e) Preparing for disasters saves lives and speeds up recovery.

9. ToT Programme on Forest Fire Risk Mitigation, 15-17 June 2022, Himachal Pradesh Institute of Public Administration

Key Takeaway/Recommendations

a) Forest Fire is a burning issue not only for Himachal but throughout the globe. Early identification and quick response are the only methods to control and combat forest fire.

b) Geospatial technologies along with early warning devices (IoT / LoRaWAN) could be used for forest fire monitoring, mitigation, response and afforestation.



c) Prevention and Mitigation techniques/ methods should be promoted at local levels.

d) Local communities can play a vital role in forest fire mitigation, we should make them aware of the disadvantages of a forest fire.

e) Vetiver grass, a cost-effective bioengineering solution is an important solution. From forest fire to water conservation it has a multi-dimensional use.

f) Data acquired by IIRS about fire data on daily basis free of cost which could be utilized by state authorities for forest fire warnings.

g) Coordination between DMAs & State Forest Departments, Fire Departments etc. and local communities should be promoted.

h) Community sensitization for mainstreaming forest conservation into their lifestyle should be encouraged

i) Different tools, instruments, and gears that are important for combating forest fire should be arranged for ground staff.

j) Mitigation Measures such as watch towers, and fire lines (Inner – Outer) should be practically thought by the concerned staff and people living near forest areas.

10. Community Based Disaster Risk Management, 20-24 June 2022, ATI, Nainital

Key Takeaway/Recommendations

a) Need for awareness generation and participatory approaches at the community level.

b) Proper planning and strategy for dealing with disasters is a must for proper response in order to save maximum people.

c) Identification of hazard-prone areas, vulnerable localities and standard operating procedures for different disasters is very important for disaster risk reduction.

d) Community-Based Disaster Management (CBDM) is an approach to disaster management that involves the community in a way that they decide what to do when to do and how to do it to minimize the risk of catastrophe.

e) CBDRM promotes the involvement of grassroots community disaster risk management at the local level. A series of efforts are required, including community self-interpretation of hazards and disaster risk, reduction and monitoring and evaluation of their own performance in disaster risk reduction.



f) Understanding of hazards is essential among the grassroots communities living in hazard-prone areas. Failure in such knowledge will lead to unsustainable disaster risk reduction at the grassroots level. If disaster risk reduction agendas do not come from the awareness of local community capacity and community priority, the effort will not be sustainable.

g) Disaster risk reduction planning needs to be formalised in the shape of manuals and Standard Operating Procedures for school safety by drafting our plan of action in advance for proper security and safety of schools, children, infrastructure and surrounding areas.

h) CBDRM approach provides opportunities for the local community to evaluate their own situation based on their own experiences initially. Under this approach, the local community not only Becomes part of creating plans and decisions but also becomes a major player in its implementation.

11. Disaster Resilient Healthcare Infrastructure, 11-15 July 2022, SPA, Delhi

Key Takeaway/Recommendations

a) Safe and resilient hospital should remain functional during any disaster to aid the sick; hence the equipment and infrastructure should be accordingly designed and planned.



b) Hospital should be self-reliant to remain functional during a disaster with its backup electricity and medical gas supply.

c) Design team should carry out a thorough site survey to determine the flood and earthquake or other relevant zones of the site. This will help in site selection, design, and construction.

d) Earthquake resistant design should be implemented early in the design, particularly the columns, façade, and layout. The grade of concrete and column sections is paramount in hospital resilience to earthquakes.

e) Design of HVAC system post pandemic must be modified to have filtration systems, increased air flows and more operable windows to reduce infections.

f) Hospital corridors should be round instead of linear to allow multiple exits in the event of a fire or an unplanned event.

g) Designers should take a modular approach to allow for flexibility and adaptability of the plan to allow for expansion.

h) Post pandemic changes in the functionality of hospitals, the designers must provide electrical and medical gases connection lines in various forms for usage during a surge.

i) Building management systems in hospitals should integrate pandemic resilience and warning systems. This can help issue warnings to patients, staff and government bodies during a disaster or infection outbreak.

j) Daylight and natural ventilation are critical in pandemic resilience and wellbeing of patients. Hence, operable windows are encouraged in wards.

12. Integration of Disaster Risk Reduction (DRR) with Gram Panchayat Development Plan (GPDP) for Rural Development Sector PM Agenda 8 & 9, 18-20 July 2022, HIRD, Nikolkheri, Karna

Key Takeaway/Recommendations

a) Parameters of disaster that need to be comprehended well before even de-coding disasters.

b) Disaster Management Act, of 2005 saw a remarkable transition when there was a paradigm shift from relief-response to prevention-mitigation measures.

c) Localizing the Disaster Management measures is the best way to have an inclusive and effective action in a disaster scenario.

d) Communities as the first responders know and understand their struggles and pain more than anyone else hence the DRR framework must always be community-based, in a related situation.

e) When a disaster strikes, damage and loss is more than expected it is, therefore, important to understand how PRIs and various schemes can help.

f) India's diversity in terms of topography, ecology, and culture demands tailor-made solutions for specific spaces and communities. A village development management plan facilitates communities in the villages to tailor make solutions and to follow them during emergencies.



13. Engaging Youth & Adolescents in DRM & CCA, 25-29 July 2022, Himachal Pradesh Institute of Public Administration

Key Takeaway/Recommendations

a) Understand basic information about corona virus disease (COVID-19), including its symptoms, complications, how it is transmitted and how to prevent transmission and A to Z activity to avoid and reduce the spread of Covid-19 among the people.

b) Provide awareness related to Disaster Management and measurement of Disaster Risk Management (DRM).

c) Know the importance of the youth organisations in disaster risk management in the form of creating awareness and assisting the community acting as a change maker.

d) Enumerate the role of youths can play in mitigating the climatic challenges or disasters and importance of youth movement for climate action.

e) Explain the strategies to tackle the psychological related issues of youth and adolescents in the time of disaster.



14. Cyclone Risk Mitigation and Erosion Control by Bio-Engineering Measures, 25-29 July 2022, Department of Geography, Vidyasagar University

Key Takeaway/Recommendations

a) Program gave an insight into the field implementation of the erosion control measures by Bio-engineering technology.

b) Limited awareness and understanding of how specific tools such as vetiver grass can be used more widely in transportation projects. Also, mitigate on-site and offsite pollution.

c) Demand for local knowledge and integration of social, cultural, and environmental assets to manage risk and to address not only damage repair, but to build more just, sustainable, and resilient communities.



d) Vetiver grass has been used for ecological engineering and environmental restoration. Vetiver grass can protect the soil from rain, runoff, and slippage. It also reduces the risk of wildfire.

e) Knowledge about reinforcing non-engineered buildings should be shared with the community. Local engineers and craftsmen can participate in the construction and retrofitting of buildings in their locality and demonstrate disaster-resistant construction methods to the public.

f) NIDM demonstrated the bio-engineering measurements techniques by Vetiver plantation to protect the erosion-affected areas.

15. Mainstreaming DRR & CCA into Rural Development Schemes for Resilient Infrastructure, 26-29 July 2022, OSDMA, UNDP/Gopabandhu Academy of Administration, Odisha/Tripura

Key Takeaway/Recommendations

a) Need to take structural and non-structural measures for preparedness.

b) DRR should be integrated into all developmental activities to create a more resilient India.

c) Responsible for planning, coordination and implementation of disaster management and taking such measures for disaster management as provided in the guidelines.



d) Awareness has developed among the local people regarding the bio-engineering measures with vetiver grass plantation.

e) Ensured that risk reduction is a national and a local priority with a strong institutional basis for implementation.

f) Build understanding and awareness-innovation and education to build a culture of safety and resilience at all levels.

g) Strengthen disaster preparedness for effective response at all levels.

16. Foundation Course on Public Health Emergency and Disaster Management, 28-30 July 2022, NCDC, MoHFW, CDC India and Govt. of Uttarakhand

Key Takeaway/Recommendations

a) Strong decisions for resilience of health care system.

b) Strengthen the coordination, communication, and collaboration among line departments.

c) Alignment of Incident Management System (IMS) with Incident Response System (IRS).

d) Community is the first responder. Need to enhance the involvement and partnership of communities.

e) Imparting the knowledge to save own life during any emergency, crisis or disaster.

f) Health component in District Disaster Management Plan.



g) Cascade this training using the module as a resource document.

17. Regional Training Programme on Environment Sector & Disaster Management, 02-04 Aug 2022, Taruthang Campus, University of Ladakh

Key Takeaway/Recommendations

a) Disaster effects, whether they are man-made or natural, affect both the environment and humans. Disasters can be made worse by environmental factors, and vice versa; disasters can also have an impact on the environment.

b) Effective management of our natural resources also lowers the risks that natural and man-made hazards.



c) Necessity of sound resource management as a strategy to avert disasters or decrease their effects on people, their homes, and livelihoods highlighted and strengthened the relevance of environmental issues in disaster management a crucial objective.

18. TOT on Psychosocial Care in Disaster Management, 16-18 Aug 2022, Meghalaya State Disaster Management Authority, Shillong

Key Takeaway/Recommendations

a) Acute shortage of skilled service providers both in psycho-social support and mental health care services. Even professionals lack adequate training for PSSMHS during disasters.



b) Need to integrate and co-ordinate the various kinds of PSSMHS provided by different agencies. It will avoid duplication of services and ensure appropriate delivery of services.

c) Lack of inventory on the availability of skilled and trained personnel at district or state levels.

d) Psychosocial care to promote emotional healing of the disaster-affected population with the rebuilding of other amenities of life is most important from the initial phase. Incorporating the learning from the different disaster interventions and ensuring the dissemination of information is the need of the hour.

e) Mental Health Professionals from the mental health institutions and psychiatric departments in hospitals are engaged in providing specialized mental health services in the state. An evolving trend has been seen wherein besides psychiatrists, other mental health professionals like clinical psychologists and psychologists and psychiatric social workers and social workers from other disciplines may also been involved in providing services.

f) State governments may deploy a few mental health professionals immediately after the disasters. These professionals have taken the initiative to provide mental health services and psychosocial care in different disasters.

g) Government Institutions like NIMHANS, Institute of Human behaviour and Allied Sciences (IHBAS) and Meghalaya Institute of Mental Health and Neurological Sciences (MIMHANS) etc., have been actively involved in providing PSSMHS (Psycho-Social Support and Mental Health Services in Disasters).

h) Encourage involvement of International agencies, especially UN agencies like Office for Coordination of Humanitarian Action (OCHA), World Health Organization (WHO), United Nations Childern's Fund (UNICEF), United Nations High Commissioner for Refugees (UNHCR) and United Nations Population Fund (UNFPA) in PSSMHS activities during disasters.

19. Comprehensive Disaster Management, 22-26 Aug 2022, Navodaya Vidyalaya, NIDM

Key Takeaway/Recommendations

a) Jawahar Navodaya Vidyalaya (JNV) are a closed entity as they are residential schools with staff, family and students residing within the campus. This creates the need of disaster management and risk reduction awareness.

b) Every JNV must constitute disaster management teams such as Evacuation, First Aid, Psycho-social counselling, shelter, food, etc. and get them trained.

c) Regular fire safety drill is must in every such school.

d) Regular meetings with district officials and Intra School will eliminate coordination issues.

e) Need to mainstream disaster risk reduction in entire JNV family. Hence there must be a session on disaster risk reduction in every meeting involving JNV commissioners, Dy commissioners, Principals and other such officials being conducted by Navodaya Vidyalaya Samiti.



20. ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery, 26-30 Sept 2022, CDM, ATI, Mysuru

Key Takeaway/Recommendations

a) Understanding the methodology for a sector-wise assessment covering productive sectors (agriculture, livestock); social sectors (housing, health, food security and nutrition, education and housing), infrastructure (roads and bridges, WASH) and cross-cutting sectors (gender and social inclusion and DRR). Estimation of recovery needs has to be done meticulously.

b) Assist government to understand the full extent of a disaster's effect and impact, and the needs of the affected population.

c) PDNA ensures that the housing and settlement response is appropriate to the needs of affected communities.

d) Rapid and comprehensive multi-sectoral assessment of an event, provides the required overarching approach and orientation to initiate the recovery planning process.



e) Building humanitarian assessments conducted in the early aftermath of disasters.

f) Objective of the sector assessment is to assist the government at all levels in understanding the effects and impact of the event on the housing sector.

21. Integration of Village Disaster Management Plan with Gram Panchayat (GPDP), 17-19 Oct 2022, RIPA, Rajasthan

Key Takeaway/Recommendations

a) Hazard-Risk-Vulnerability and Capacity Assessment in any given disaster scenario, help Rapidly to chalk out the most useful and accessible solutions as well as facilitates the use of DRR aspects.

b) India's diversity in terms of topography, ecology and culture demands tailor made solutions for specific spaces and communities.

c) Various parameters of disaster need to be comprehended well before de-coding disasters.

d) Disaster Management Act, 2005 saw a remarkable transition when there was a paradigm shift from relief-response to prevention-mitigation measures.



e) Localizing the Disaster Management measures is the best way to have an inclusive and effective action in a disaster scenario.

22. River Rejuvenation, Climate Resilience and DRR: Plans, Perspectives and Policies, 17-21 Oct 2022, Babasaheb Bhimrao Ambedkar University, Lucknow

Key Takeaway/Recommendations

a) Increase the involvement of local knowledge for designing DRR plans based on geological condition of the area.

b) Develop interface between policy makers, academicians and local participation.

c) Maintain e-flow in all river stretches.

d) Plan to revive streams, springs, coastal management and policy recommendation to ensure base flow of the river.

e) Sustainable solutions for managing groundwater under climate change scenario to bring back depleted aquifer need to be developed.



f) Shared understanding on climate-water-groundwater-ecology-adaptation and mitigation relationships should be developed.

g) Minimize gap between regulation and implementation.

23. Developing DMPS by the line Organizations/Offices of the Ministry of Labour and Employment, 17-21 Oct 2022, NIDM, New Delhi

Key Takeaway/Recommendations

a) Approach to disaster management should be holistic and include all stakeholders.

b) Support DRR activities, a strong institutional framework is required; stakeholders must be aware of the various functions and significance of the relevant institutions.

c) Key to any DM plan is hazard, vulnerability, and capacity analysis, which must be done with due diligence.



24. Earthquake Risk Mitigation & Management, 17-21 Oct 2022, University of Kashmir, Srinagar

Key Takeaway/Recommendations



a) Srinagar city and other urban centers of Kashmir region are highly susceptible to earthquakes and the risks are exacerbated by anthropogenic activities, such as mismanagement, unplanned housing and non-engineered construction, urban sprawl etc.

b) Seismic risk assessment is essential to define the strategic urban and emergency planning management actions and should be based on the analysis of the buildings, the exposed population and their emergency interaction.

c) There is a dire need to identify the risk mitigation solutions for reducing the vulnerability of historic buildings to preserve the heritage.

d) Capacity building and training of local masons especially in rural sector is important for the credibility and sustainability of seismic-resistant building technology.

e) Introducing retrofitting strategies at wide scale, by means of cost-benefit analyses in terms of safety increase and economic resource allocations.

f) Need to manage the transition from traditional practices to new technology so that earthquake risk reduction effort remain sustainable.

25. Mainstreaming Disaster Resilience Measures into Development Planning, 19-21 Oct 2022, Mizoram, Aizawl

Key Takeaway/Recommendations

a) Essential to mainstream DRR for development planning to reduce future Disaster Risk and vulnerability.

b) Sensitization of policy-makers and higher authority for mainstreaming DRR into development planning is essential.

c) Identification of the existing gaps to mainstream DRR into development planning through Central and State Govt. schemes and programs.

d) Hazard Risk Vulnerability Assessment needs to be carried out for identifying the areas which are required to be focused. Accordingly, Prevention and Mitigation measures should be adopted for reducing the risks at local level.

e) Role of various concerned authority and stakeholders in mainstreaming DRR & CCA measures while implementing the schemes should be spelt out.

f) Need to review the existing techno-legal frameworks, building bye laws and zoning regulations and take necessary steps for further strengthening the development projects.

g) Risk sensitive development planning should be followed and every activity should be looked critically that is being planned.

h) Lessons learnt and good practices needs to be studied and replicated.



26. TOT Community Based Disaster Risk Management, 26-28 Oct 2022, Panaji Goa

Key Takeaway/Recommendations

a) Need for awareness generation and participatory approaches at the community level.

b) Proper planning and strategy for dealing with disasters is a must for proper response.

c) Identification of hazard-prone areas, vulnerable localities and standard operating procedures for different disasters is very important for disaster risk reduction.

d) Community-Based Disaster Management (CBDM) is an approach to disaster management that involves the community in a way that they decide what to do, when to do and how to do it to minimize the risk of catastrophe.

e) CBDRM promotes the involvement of grassroots community disaster risk management at the local level.

f) Understanding of hazards is essential among the grassroots communities living in hazard-

prone areas. If disaster risk reduction agendas do not come from the awareness of local community capacity and community priority, the effort will not be sustainable.



g) CBDRM needs to be formalized in the shape of manuals and Standard Operating Procedures regarding Disaster risk reduction planning for school safety by drafting our plan of action in advance for proper security and safety of schools, children and surrounding areas.

27. Addressing Child Centric Vulnerability, Enhancing Capacity & Promoting Resilience, 31 Oct-4 Nov 2022, Chandigarh, Punjab

Key Takeaway/Recommendations

a) Population of children and youth helped build workforce of a country which contributed to development of nation.

b) Youth and children have the knowledge and support to participate and contribute in national and local DRR strategy planning as well as implementation.

c) Children Emerges as creative communicators of the knowledge when they were engaged with risk reduction activities;



d) Children communicates messages of risk and risk reduction in their homes so that these values can be shared by family members.

e) Youth and children should be encouraged in education and skill building opportunities in the field of Disaster Management.

f) CCDRR approach is need of the hour to be implemented while re-opening of school to in this time of COVID 19 spread.

28. Incident Response System (IRS): IC and PSC, 31 Oct-4 Nov 2022, NIDM, New Delhi

Key Takeaway/Recommendations

a) Courses must be conducted at NIDM so as to include experiences from entire country.

b) Sessions must be conducted by experts from IRS notified states to share their own experiences.

c) Exercise learning and debriefing must be undertaken at the end of every exercise for better understanding of the topic.

d) Schedule of such courses must be designed in such a way that it includes an overview of basic and intermediate course of IRS which will recapitulate the basics of IRS before concerned course is taken up.



29. Integration of Climate Change and Disaster Risk Reduction in District Level Plans, 31 Oct-4 Nov 2022, SIRD Lucknow, UP

Key Takeaway/Recommendations

a) Legal Policy Framework for Disaster Management and Climate change related issues were well be understood by the participants.

b) Participants need to understand the practical approach in coordination with PRIs.

c) Participants apprehended the importance of climate change adaption by providing training to various stakeholders.

d) Participants grasped the Sendai framework and its agenda.

e) Participants need to understand Hazard, Risk, Vulnerability and Capacity analysis concepts, tools and techniques with practical examples.



f) Integrated water resource management for Climate Change Adaption and Disaster Risk Reduction was well explained with examples.

g) Environmental instruments and approaches for DRR was well understood by participants

30. Workshop Programme on Satellite Earth Observation and Artificial Intelligence Role in Development of Disaster Resilient Infrastructure (EOAIDRI), 11-13 Nov 2022, MNNIT, Allahabad

Key Takeaway/Recommendations

a) Hands on experience and exposure to Computer aided modeling software like Arc-GIS and HECH-RAS to analyze and deduce plan to check impact of disaster.

b) Develop and groom new stakeholders in society and those are technically sound for mitigating disaster through developing disaster resilient infrastructure.

c) Learning of past's disastrous events should be employed into future development activities to strengthen the resilience of infrastructures and existing structures.

d) Inter-sectorial and Inter-Departmental collaborations should explored and groomed during this programme by exchange of intellectual resources among participants.

e) Strong institutional framework and capacity development of the human resources are utmost important in droughts and floods disaster management.



31. General Disaster Management for Serving Officers of Indian Railways, 21-25 Nov 2022, (IRIDM), Bengaluru

Key Takeaway/Recommendation

a) Participants got familiarized with the basic concepts of Disaster Management so as to assess the Hazard, Risk, Vulnerability etc.

b) Insight into Sendai Framework and PM 10 Point Agenda on DRR so as to enable the participants to apply the same in their respective working areas.

c) Use of various rescue techniques and equipment employed by NDRF, SDRF and Fire services enable the participants to plan similar equipment for their work area.

d) Full scale mock drill on train accident helped the participants to know the role & responsibilities of different agencies like NDRF, Fire service etc.



e) Understanding the use of earthmovers for restoration at the accident site and precautions to be taken.

f) Active listening, relaxation techniques to support the efficiency of the frontline staff and other personnel involved in DM.

32. Post Disaster Stress Management for First Responders of Disasters, 06-08 Dec 2022, Tamil Nadu Dr. Ambedkar Law University, Chennai

Key Takeaway/Recommendations

a) Educate the local people about the vulnerability, exposure and disaster risk.

b) Train the first responders through awareness programme.

c) Basic understanding of Mental Health vs Mental Illness should be developed.

d) Essential to improve organizational measures that affect the culture of work and stress at workplace.

e) Life cycle approach should be adopted for addressing the needs and requirements of first responders.

f) Handling stress of family level after Disaster Response is essential.

g) Focus on your health and the health of others in your family.



33. ToT Programme on Coastal Community Resilience, 27-29 Dec 2022, Puducherry

Key Takeaway/Recommendations

a) Sensitization of stakeholders on Health and well-being.

b) Engaging adolescents and youth to discuss Disasters-Effects, Impacts and Aftermath.

c) Pathway to engage and invlove the young population.

d) Networking with the stakeholders to create a wider task force.

e) Empower the systems and structures with updated knowledge.



34. Training Programme on Critical Infrastructure Resilience to the Disasters, 16-20 Jan 2023, ATI, Mysuru

Key Takeaway/Recommendations

a) Capacity building on Critical Resilient Infrastructure of officials of state government of Karnataka.

b) Explained about Disaster Management in India and its link with global frameworks.

c) Ways on flood management and health mapping.

d) Problems in managing disasters due to confusions in assuming roles & responsibilities by the officers.

e) Building surveys and retrofitting techniques for preserving infrastructure.



35. Faculty Development Programme for Disaster Management & Preparation of DMP, 30 Jan-03 Feb 2023, MGSIPA, Chandigarh, Punjab

Key Takeaway/Recommendations



a) Hazard mapping through visual representation and spatial analysis can help identify specific locations that are vulnerable to various hazards and inform pre-disaster planning efforts.

b) Psychological first aid (PFA) promotes and sustains an environment of safety, calm, connectedness, self-efficacy, and hope.

c) Post-Traumatic Stress Disorder (PTSD) symptoms are linked to suicidal behavior and took almost 3 decades to move from mental health care to psychosocial support/care giving.

d) Disaster education aims to provide knowledge among individuals and groups to take actions to reduce their vulnerability to disasters.

e) Updating and reviewing existing disaster management plans is being driven by pressing needs.

f) Provision of relief plan provides assistance or intervention during/ immediately after a disaster to meet the basic needs of affected people.

36. Training of Trainers Programme on Engaging Youth & Adolescents in Disaster Risk Management & Climate Change Adaptation, 30 Jan-3 Feb 2023, Jharkhand Central University, Ranchi

Key Takeaway/Recommendations

a) Need to understand basic concepts of Disaster Risk Management.



b) Engage the volunteers in disaster risk management was covered.

c) Role of youth & adolescents in mitigating impact of climate change.

d) Identify list of disaster risk management activities for youth & adolescents.

e) Role of youth need to be defined in Disaster Risk Management.

37. Incident Response System (IRS): Operations Section Chief, Safety Officer, and Logistics Section Chief, 06-10 Feb 2023, NIDM, New Delhi

Key Takeaway/Recommendations



a) Videos obtained from NDRF or states utilizing IRS in managing disasters must be shared during the courses for more effective learning.

b) Final exercise undertaken based on entire course learnings must be based on some live situation. Conducting sessions to share states' experiences of overcoming the challenges, if any, in implementing the IRS.

c) Third-party audits of training programs must be undertaken to evaluate the learnings.

d) Sensitization of senior-level functionaries about IRS so that they appreciate the formation of IRT in districts.

38. Faculty Development Programme (Capacity Building) on Series 2- Inspiring the Minds for Disaster Risk Reduction, 06-10 Feb 2023, Gautam Budha University (GBU), Uttar Pradesh

Key Takeaway/Recommendations



a) Effectiveness of little extra investment on disaster resilient development can saves thousands of crores of people's hard earned money.

b) Disaster preparedness is more appropriately conceived of as a goal, rather than as a specialized stage that immediately precedes disaster response.

c) Earthquake monitoring station across India and Bhookump mobile application for timely action by the citizens. Arsenic Disaster, a public health emergency in India due to prolong exposure is considered as human-made disaster and its possible solutions.

d) Importance of structural audit, NDRF mock drills, DROP-COVER-HOLD and Triangle of life saving tricks concerning Do's and Don'ts.

e) Post Disaster Mental Trauma and the psychological tools and measures to overcome the stress among the disaster survivors.

f) Disaster risk reduction with some practical solutions in the context of renewable energy, indigenous energy resources, trade audit, uniform telecom policies, radio towers, plastic waste management as Green goals.

g) Planning strategies (state and district DM planning); planning needs, Gram Panchayat Level Disaster Risk Reduction (GP-DRR).

h) Early Warning and Emergency Response through Remote Sensing and GIS as an effective communication tool during and after disaster.

39. Post Disaster Stress Management for First Responders of Disasters, 07-09 Feb 2023, MCHRDI, Telangana

Key Takeaway/Recommendations



a) Educate the local people about vulnerability, exposure, and disaster risk.

b) Train the first responders through an awareness program.

c) Handling disaster situations.

d) Improve organizational measures that affect the culture of work and stress in the workplace. Potential strategies include improving workflow management and organizing services focused on reducing workload.

e) Best practice methods for handling stress at the family level.

f) Handling the stress through self or consulting the specialist to overcome the stress.

40. PM Agenda No. 4,7 & 8: School Safety Plan and Auditing, 07-09 Feb 2023, GIPARD, Goa

Key Takeaway/Recommendations

a) Preparation of clear guidelines by Disaster Management Committee (DMC) regarding school safety through preparation of School Disaster Management Plan (SDMP) should be for each school of Goa.



b) Students should be well aware of this SDMP and be able to look for any cause that can be risk to life in future including home to home safety. All school buildings need to be fire safe and have NOC from fire and emergency services department.

c) Inspection of any loose wire, poles nearby schools, switches and kitchens need to be well sorted in School DM Plan.

d) Multi-hazard preparedness and mitigation approach should be way forward to build resilience of our schools.

e) Retrofitting measures should be adopted for identified old and weak of old school constructions from earthquake hazard.

f) State government needs to provide handholding of schools to help them receive additional financial support to ensure they are adequately funded to implement health and safety equipment.

g) Remote areas especially need to be sensitized for the involvement of youths and children in disaster management activities as volunteers or Apda Mitra.

41. ToT/PDP on Post Disaster Needs Assessment (PDNA) for Long-term Recovery, 13-17 Feb 2023, APHRDI, Andhra Pradesh

Key Takeaway/Recommendations

a) Understanding the development and estimation of recovery needs and strategies.

b) Framework for recovery planning, financing, and implementation in the context of India needs to be grasped.

c) Aim was to assist governments to comprehend the full extent of a disaster's effect and impact, and the needs of the affected population.

d) PDNA ensured that the housing and settlement response is appropriate to the needs of affected communities.



e) It is a rapid and comprehensive multi-sectoral assessment of an event and provided the required overarching approach and orientation to initiate the recovery planning process.

f) Objective of the sector assessment was to assist the government at all levels in understanding the effects and impact of the event on the housing sector.

42. Emergency Operations Centre: Establishment & Operationalization, 22-24 Feb 2023, NIDM, New Delhi

Key Takeaway/Recommendations

a) Inviting experts from a few of the operational EOCs to discuss the challenges and ways to address them.

b) A field visit to operational EOC must be part of the course.

c) Sensitize the importance and operational issues of an EOC. Regional programs may be thought of.



d) EOC course must also comprise the session on its linkage with DM planning, management and mobilization of resources, management, and information analysis.

e) States/UTs must have a vision of EOC's operationalization and activities before establishing it

43. Sensitization Programme on Developing DMPS by the line Organizations/Offices of the Ministry of Labour and Employment, 13-17 Mar 2023, NIDM, New Delhi

Key Takeaway/Recommendations



a) Planning is the key to better execution of ideas, and disaster management planning is especially important because it is directly related to save lives.

b) Approach to disaster management should be holistic and include all parties involved.

c) To support DRR activities, a strong institutional framework is required; however, in order to effectively utilize it, stakeholders must be aware of the various functions and significance of the relevant institutions.

d) Key to any DM plan is hazard, vulnerability, and capacity analysis, which must be done with due diligence and ground truthing.

44. Regional Level ToT on CCA-DRR Integration into State and District Plans, 20-22 Mar 2023, ATI, Nainital

Key Takeaway/Recommendations

a) Conduct vulnerability assessments: Identified the most vulnerable populations, assets, and infrastructure which will help in prioritizing the allocation of resources towards CCA and DRR measures.

b) Develop adaptation and mitigation strategies: Adaptation and mitigation strategies should be developed that consider the impacts of climate change and potential disasters. These strategies should be integrated into state and district development plans.



c) Involve all stakeholders: Effective integration of CCA and DRR requires the involvement of all stakeholders, including government agencies, civil society organizations, and local communities.

d) Mainstream CCA and DRR into development planning: CCA and DRR should be mainstreamed into state and district development planning, budgeting, and implementation processes. This will ensure that CCA and DRR measures are given priority and resources are allocated accordingly.

e) Strengthen institutional capacity: Capacity-building activities should be undertaken to strengthen the institutional capacity of state and district governments to integrate CCA and DRR into development planning.

- **Detailed list of Face to Face Training Programmes / Webinars / Online Training Programmes are at Annexure III to V (Chapter 8).**

6.22 3rd Session of National Platform for Disaster Risk Reduction (NPDRR)

Following the successful completion of the previous two NPDRR meetings on 'Mainstreaming DRR in Development: From Risk to Resilience' and 'Disaster Risk Reduction for Sustainable Development: Making India Resilient by 2030' respectively, in 2013 and 2017, the 3rd meeting of NPDRR on the theme of '**Building Local Resilience in Changing Climate**' was organized from March 10-11 2023 at Vigyan Bhawan, New Delhi.



The meeting was inaugurated by the Hon'ble Prime Minister, Shri Narendra Modi, Hon'ble Union Home Minister Shri. Amit Shah, Dr. P K Mishra, Principal Secretary to Hon'ble Prime Minister at PMO, Hon'ble MoS for Home Shri Nityanand Rai. Along with the members of the NPDRR, more than 1200 experts/delegates including representatives from central ministries, state governments, institutions of national importance, academia, universities, civil society, UN Organizations, elected representatives from urban local bodies and Panchayat and media participated in the sessions of the meeting.

The meeting deliberated on different aspects to build local resilience against disasters with special focus on Prime Minister's Agenda 10 on Disaster Risk Management and its relevance in integrated Implementation of Sendai Framework for Disaster Risk Reduction (SFDRR), Paris Climate Agreement and Sustainable Development Goals (SDGs).

The 3rd session also helped mainstream disaster management practices across Ministries and Departments, States and Union Territories, urban and rural local-self-governments, academic institutions, NGOs, CSOs, PSUs, and communities. Jointly organised by the Ministry of Home Affairs (MHA), National Disaster Management Authority (NDMA), National Disaster Response Force (NDRF), and National Institute of Disaster Management (NIDM), the NPDRR comprised of four Plenary Sessions, one Ministerial Session, and eight Thematic Sessions. An exclusive Ministerial Session, chaired by Union Home Minister Shri Amit Shah held after the inaugural ceremony, where Ministers from Centre, State and Union Territories deliberated on further strengthening of disaster risk reduction systems at various levels.

Plenary Session: Four plenary sessions were held during the two days:

- **Inaugural Session:** The session was presided by Hon'ble Prime Minister Shri Narendra Modi,

Hon'ble Home Minister Shri Amit Shah, Dr. P K Mishra, Principal Secretary, PMO, and Hon'ble MoS for Home Shri Nityanand Rai, Cabinet Secretary Shri Rajiv Gauba, Home Secretary Shri Ajay Kumar Bhalla, and Member Secretary, NDMA Shri Kamal Kishore and other dignitaries graced the occasion.



- **Risk Governance:** Deepening Disaster Risk Management to the local level.
- **Mainstreaming DRR in Social and Economic Sectors**
- **Valedictory Session:** Principal Secretary to the Prime Minister, Shri PK Mishra addressed the Valedictory programme. He underlined the importance of the theme of the session 'Building Local Resilience in a Changing Climate' as it responds to the need for localising disaster risk management at a time when disaster risks are not only increasing but new patterns of risks are emerging. He also referred to the Prime Minister's 10- Point Agenda that emphasizes the need for building local capacities and initiatives, and especially women's leadership in disaster risk management.

Ministerial Session: Strengthening of Disaster Management Systems in the States



An exclusive ministerial session was held under the chairmanship of Hon'ble Union Home Minister. During the ministerial session, issues related to strengthening of disaster management systems at the state and districts levels (e.g. by enhancing the capacity of State and District Disaster Management Authorities) was deliberated upon. This included topics such as establishment of State Disaster Response Forces, and other capacity-building issues across the States and UT.

6.23 Thematic Sessions: Eight thematic sessions were proposed on following topics:

Thematic Session 1: Climate Change Adaptation and DRR: Nature Based Solutions.



Shri RR Rashmi, Distinguished Fellow, TERI, IAS (Retd), Chair highlighted that the policy and interventions on NBS have been dealt in silos. He emphasized the need to bring together climate change adaptation and disaster risk reduction efforts to address the visible effects of climate

change on biodiversity loss, land degradation and loss of natural resources. He called for re-evaluating development trajectories and to bring about sustained systemic changes with the use of technology and indigenous knowledge systems.

Dr. Arunabha Ghosh, CEEW, New Delhi spoke on the 'Feasibility of Climate Change Adaptation for Disaster Risk Reduction'. He emphasized the linkages between CCA and DRR, Paris Agreement and SFDRR.

Shri Vivek Kumar, Addl. Chief Secretary, Government of West Bengal, focused on 'Mangrove Mission in West Bengal' and shared the case study of mangrove conservation in Sunderbans, West Bengal.

Shri Ramveer Tanwar, Environmentalist, Say Earth, focussed his deliberation on 'Wetland Reclamation and its Impact on Drought and Flood Mitigation' and discussed that water bodies across rural and urban landscapes are becoming degraded due to anthropogenic pressures like encroachment of water bodies and sewerage disposal etc.

Ms. Rajasree Ray, Addl. Economic Advisor, MoEFCC, (Co-chair) delivered her concluding remarks on the major takeaways. She emphasized that mapping capacity, financial resources, and technology is crucial for implementing NBS, as well as understanding the risks associated with natural systems.

Thematic Session 2: Building Local Resilience for Disaster Risk Reduction



Shri P N Rai, Member, Bihar State Disaster Management Authority (BSDMA) and chair of the session, emphasized on sharing of good practices, investing in empowerment, infrastructure and skills of the local community to make local resilience a reality.

Shri Rajendra Ratnoo, Executive Director, NIDM, Co-chair of the session emphasized on the Point 8 Hon'ble PM's 10-point agenda on DRR relating to building capacity of the local communities. He suggested enhancing the capacities of the communities at the district, panchayat and block level and thereby encouraging local participation to build local resilience.

Dr. Alok Ranjan Ghosh, District Magistrate, Khagaria, Bihar, talked about building community resilience against floods and brought the perspectives from Bihar wherein floods are known to help in providing new alluvium and raising the water table etc.

Shri Crispino Lobo, Watershed Organization Trust, Ahmednagar emphasized on strengthening of food system by mitigating drought and adapting to climate change.

Dr. Sekhar Lukose Kuriakose, Member Secretary, Kerala State Disaster Management Authority discussed the interventions in housing recovery and reconstruction with a concept of "Build Forward Better" indicating the need to build a better, safer and resilient future

Thematic Session 3: Urban Risk Governance in Disaster Risk Reduction

Shri Manoj Joshi, Secretary, MoHUA and Chair of the Session introduced the agenda of the thematic session and highlighted that planning and execution should go hand-in-hand to address the rapidly changing climate and disaster scenarios in urban areas.



Shri Hitesh Kumar S Makwana, Additional Secretary, Disaster Management Division (MHA) and Co-chair of the Session reiterated Hon'ble PM's view on developing a well organised but traditional and sustainable approach to plan our houses and towns.

Shri Kunal Kumar, Mission Director, Smart Cities Mission expressed his views on achieving the resilience in smart cities. He said that sustainable usage of materials with active community participation should be the prospects of smart cities.

Shri Anshul Mishra, Member-Secretary, Chennai Metropolitan Development Authority highlighted the cause of disasters in urban settings. He emphasized that the planning and development must include DRR to amplify the resilience through sustainable development.

Smt. Shruti Narayan, India Head, Cities-40 highlighted the importance of strengthening urban governance by influencing local government to integrate disaster risk management into their urban planning and development initiatives.

Thematic Session 4: Building National Integrated Response System

Lt. Gen. Syed Ata Hasnain, Member, NDMA and session chair spoke about the rapid response of Government of India to help in relief and rescue in extreme conditions after Turkey earthquake of Feb 2023.

Shri Sanjeev Kumar Jindal, Joint Secretary, Disaster Management Division (MHA) and co-chair of the session spoke about strengthening on the mitigation front. He emphasized to put efforts in the rural sectors such that a resilient community can be developed and future requirements for response can be reduced.



Shri Gurminder Singh, Commanding Officer, 2nd battalion, NDRF, Kolkata, suggested that specially trained experts and state-of-the-art equipment are needed to minimize the response time for international missions.

Shri Hemant Sachdev, Founder, Tiranga Mountain Rescue, discussed about high altitude mountain rescue requiring skills to recognize specific

requirements for the different terrains, identification of mountaineers for the rescue operations, better equipment formation of a special workforce for effective coordination and communication and ensuring long term strategy in development.

Dr. Satish Kumar, Commandant, SDRF, Uttar Pradesh gave an insight of the flood preparedness of UP SDRF team. He highlighted the role of UP SDRF team in disaster preparedness such as creating awareness, regular mock drills and integration of Aapda Mitra.

Mr Manu Gupta, Founder, SEEDS shared his views on the role of civil society in Disaster Response. He suggested that civil societies such as community-based and non-governmental organisations can be trained to work together in various phases of disasters including preparedness, mitigation, response, recovery and rehabilitation.

Thematic Session 5: International Collaboration for Strengthening Regional and Global Partnerships

Shri Sujan R. Chinoy, Director General, Manohar Parrikar Institute for Defence Studies and Analyses (MPIDSA) and Chair of the session highlighted that the 'Principle of Global Good' has been paramount in the Indian Foreign policy. He emphasized the need for regional and global cooperation to address global problems and integrating India's approach of 'all people all regions' and cultural sensitivity in delivering aid.

Shri Shombi Sharp, UN Resident Coordinator and Co-chair of the session stated that the Sendai Framework for Disaster Risk Reduction (SFDRR) is a key tool for bringing countries together to address the current challenges.



Shri Ranjit Rae, India's (Former) Ambassador to Hungary, Vietnam, and Nepal highlighted 'Operation Maitree' initiated by the Government of India in the aftermath of the Nepal Earthquake of 2015. He underlined the military-to-military diplomacy approach adopted by India during the earthquake.

Shri Amit Prothi, Director General, CDRI, New Delhi highlighted the technical assistance and capacity building across Small Island Developing States (SIDS). He emphasized the importance of developing resilient infrastructure in SIDS and suggested that multilateral organizations like CDRI can assist with this.

Shri Krishna Vatsa, Member, NDMA emphasized the Indian assistance at international platform through the bilateral aid, ITEC Training and ICCR cultural exchange.

Thematic Session 6: Disaster Mitigation and Resilience

Shri Krishna S. Vatsa, Member, NDMA and chair of the session gave an overview of the thematic

session. He highlighted that mitigation means reducing risk, which includes structural and non-structural measures and stressed the need to develop capacities in this area by conducting training programmes and knowledge exchange.



Shri Ranjit Sinha, Secretary Disaster Management, Uttarakhand and Co-chair of the session highlighted the capacity gaps to involve communities in disaster mitigation. He gave an example of Joshimath land subsidence case and highlighted the need to develop an action plan for new development being planned in such regions.

Shri Harsh Gupta, Project Director, National Cyclone Risk Mitigation Project, National Disaster Management Authority presented status of Cyclone Risk Mitigation Project phase I & phase II. He mentioned the activities done under these phases and the proposed activities for phase III of NCRMP.

Prof. CVR Murthy, IIT Madras, focused on major issues of earthquake safety in India. He suggested to build environmental, technical and human resources for earthquake mitigation.

Shri Kunal Satyarthi, Joint Secretary, NDMA, made a presentation on Forest Fire Management. He stated that zero fire is not an option in forest fire management. He underlined that the major reason of forest fires is human negligence along with complex socio-economic situation.

Dr. Pardeep Kumar, Director, CBRI, gave a presentation on landslide risk mitigation. He shared that hill slope management system is an integral part of infrastructural development in difficult terrain. He suggested use of indigenous science and technology tools/ systems available for landslides.

Shri Mritunjay Mohapatra, Director General, Indian Meteorological Department focused on lightning risk mitigation. He shared that frequency of lightning is maximum over northeast and east India and high over J&K and southwest coast of India

Thematic Session 7: Application of New Technologies and Innovations in DRR

Dr. (Mrs.) Parvinder Maini, Scientific Secretary in the Office of the Principal Scientific Advisor to Government of India and chairperson of the session highlighted the application of block chain technology for disaster assessment, supervision, relief management and real time tracking. She quoted examples of S&T application in several DRR programs globally and nationally focused its integration and importance.



Shri Shrirang Dhavale, Cluster Head, Social Services Cluster, Tata Sustainability Group, Tata

Sons Pvt. Ltd. and co-chairperson of the session said that the purpose of any technological advancement should be social development.

Shri Shantanu Bhatawdekar, Scientific Secretary at ISRO talked about the Advancement in Space Technology for Early Warning. He showcased the use of space technology as vantage point to get data at various scales which can be used in all disaster management phases.

Dr. Harish Guruprasad Ramaswamy, Assistant Professor, IIT Madras highlighted the importance of integrating Artificial Intelligence and Machine Learning for Disaster Risk Reduction. He explained that providing more data to AI can help in the better assessment and decision making and providing an unbiased inference.

Dr. Manoj Rajan, Commissioner of the Karnataka State Disaster Management Authority, Govt. of Karnataka explained about the application of Remote Sensing and GIS for hazard monitoring.

Col. K P Singh, Advisor (Ops) at NDMA spoke about the recent developments of Common Alerting Protocol (CAP) and Emergency Response Support System (ERSS) Projects. He explained about the phases of CAP, National Project 'Common Alerting Protocol Based Integrated Alert System (SACHET)' a new platform for CAP, and its prospects such as its integration with third party and legacy systems using AI to reduce manual intervention in issuing alerts.

Thematic Session 8: Capacity Building in Disaster Risk Reduction

Shri Rajendra Singh, Member, National Disaster Management Authority chaired the session. He highlighted that 'future belongs to those who prepare for it' and stressed that developing an integrated institutional mechanism for societal preparedness reduces the impact of any disaster.

Lt. Gen (Retd.) R.P. Sahi, Vice Chairman of UPSDMA highlighted the importance capacity building and resilience has been given in the PM's 10-point agenda on DRR.

Shri Nitesh Mishra, Joint Secretary, Ministry of Youth Affairs and Sports underlined the role of Nehru Yuva Kendra Sangathan (NYKS) and National Service Scheme (NSS) in Disaster Management.



Prof. Santosh Kumar of the National Institute of Disaster Management (NIDM) talked about Capacity Building Framework". He said that there is a need to focus on prevention measures for disasters as well as reducing the impact on the infrastructure.

Prof. Shalini Bharat, Director, TISS focused on Disaster Management as an academic discipline and the need for professional opportunities. She stressed on the guiding word of Hon'ble Prime Minster to invest in local capacities for not just responding but also for risk reduction and mitigation.

6.24 Pre-events for 3rd Session of NPDRR

a) Conference on Resilience and Sustainability Summit: Vision 2047 (RESSUMMIT 2047), 17-19 Jan 2023

NIDM in collaboration with Department of Science & Technology (DST) GoI, along with partners - United Nations Development Programme (UNDP), GIZ- India, and others across the United Nations bodies, multi-laterals, academia, international NGOs, organised the "Resilience and Sustainability Summit: Vision 2047 (RESSUMMIT2047)", Science-Policy-Planning-Practice Interface for DRR in Changing Climate" during 17-19 January 2023 at Vigyan Bhawan, New Delhi, India. The 'RESSUMMIT 2047' deliberations have led to the identification of key contexts of futuristic 'risk and resilience'. The RESSUMMIT 2047, a Pre-event of NPDRR 2023, has been a multi-ministerial and Multi-partner initiative in which 'High-Level Plenary Sessions' and technical 'Colloquy – Parisamvaad Sessions' were held. RESSUMMIT 2047 had 130 speakers and more than 350 delegates who participated in the event, including experts, academicians, representatives from 29 states and UTs, 18 central ministries and representatives from the partners including UNDP, GIZ, GEAG, UNICEF, Sphere India, WHO, NIDM, Wetland, DST, Springer.



b) Flood Preparedness and Response, 18-19 Feb 2023



A Pre-event of 3rd session of National Platform for Disaster Risk Reduction (NPDRR) 2023 on Flood Preparedness and Response was organized in Guwahati by Assam State Disaster Management Authority (ASDMA) in association with National Disaster Management Authority (NDMA) and National Institute of Disaster Management (NIDM) and in collaboration with Central Water Commission (CWC), Ministry of Jal Shakti, Sphere India, Rural Volunteer Centre and Ram Krishna Mission at Assam Administrative Staff College, Guwahati. The workshop was organized with the objective to understand the existing methodologies and derive strategies and recommendations for

localizing resilience agenda for Flood Preparedness and Response and bridge the gap with nuanced technologies. The major discussions during the event centred around Flood preparedness demonstrating progressive actions from the state, UN agencies, the Private sector, Knowledge institutions and civil society organizations. Shri Syedain Abbasi, IAS, Addl. Chief Secretary to the Govt. of Assam, Water Resources Department was the Guest of Honour during the event, who discussed about various challenges in Assam and initiatives taken by the Government. ASDMA and UNICEF representatives also highlighted the importance of augmenting shock-responsive social protection interventions for improving community-based Disaster Risk Reduction.

c) Community Based Disaster Risk Reduction, 20 Feb 2023

National Institute of Disaster Management (NIDM) in partnership with UP State Disaster Management Authority (UPSDMA), SEEDS India, and Aga Khan Foundation conducted one of the Pre-events of NPDRR at UPSDMA, Lucknow. The theme of the pre-event was Community-Based Disaster Risk Reduction (CBDRR). Various CBDRR initiatives were discussed in order to achieve climate resilience. 29 officials attended this event. It was inaugurated by the Hon'ble Vice Chairman of UPSDMA Lt. Gen. R P Shahi. Shri Krishna Vatsa, Member NDMA joined the event through online mode and delivered the special address which gave the direction to the entire event. Shri Manu Gupta, SEEDS India delivered the keynote address during the programme.



d) Risk Financing and Insurance for Disaster Risk Mitigation and Building Climate Risk Resilience, 20-21 Feb 2023



National Insurance Academy in collaboration with the National Institute of Disaster Management, organized a pre-event workshop on "Innovative Risk Transfer for building climate risk resilience" at Hotel President, Cuffe Parade, Mumbai. Realizing the importance of community climate risk-building objectives, the pre-event was based on the subject of a disaster management cycle consisting of– prevention, preparedness, response, mitigation, recovery, and reconstruction. Insurance can play an effective role in preparedness and recovery. Insurance has a significant role in managing the risk of disaster. Insurance covers ensure that the population is financially protected in the event of a disaster. While insurance is an important financial tool for post-disaster recovery, it can play a role in disaster risk reduction as well.

e) Disaster Risk Reduction and Resilience in Coastal Regions, 23-24 Feb 2023



The pre-event of the 3rd session of National Platform for Disaster Risk Reduction (NPDRR) was held in Krushi Bhawan Bhubaneswar, Odisha. The theme for the pre-event was Disaster Risk Reduction and Resilience in Coastal Regions organized by National Disaster Management Authority (NDMA), National Institute of Disaster Management (NIDM), and the Odisha State Disaster Management Authority (OSDMA). The occasion was graced by dignitaries from NDMA, NIDM, coastal states, and Union Territories, academicians, representatives from national, international and UN organizations, and other dignitaries.

f) Women's Participation and Leadership in Disaster Risk Reduction, 24 Feb 2023



A pre-event / consultation on "Women's Participation and Leadership in DRR" in collaboration with NIDM, TISS and Mahila Housing Trust was organized to address the need for strengthening the disaster management structure and institutions in the country and to further strengthen the federal polity and building local capacities in the interest of the community at large. The consultation aimed to deliberate on specific issues, good practices and opportunities focusing on women's role in disaster risk reduction (DRR) and resilience across the continuum of prevention, preparedness, response and recovery. Stakeholders shared good practices from their programmes to frame comprehensive, contemporary and gender inclusive recommendations which enhanced National DRR policy and paved the way for leveraging the voice, capacities, leadership, and agency of women and women's organizations.

g) Disaster Resilience in Mountains: Need for Capacity Building, 24 Feb 2023



Dr. R.S.T. Uttarakhand Academy of Administration organized a one-day workshop on "Disaster Resilience in Mountains" in collaboration with the National Institute of Disaster Management (NIDM), Ministry of Home Affairs, and Government of India which was a pre-event of 3rd Meeting of National Platform for Disaster Risk Reduction (NPDRR). The workshop focused on the aspects of capacity building of the mountain states for disaster risk

reduction. The workshop brought experts together from the Himalayan states and organizations to discuss the challenges and gaps in capacity building for preparedness and mitigation of stakeholders, the various ways of strengthening the institutional processes, capacity building of various stakeholders at grass-root levels to ensure that today's hazards do not turn into tomorrow's disasters.

h) Disaster Research and Knowledge Management, 25 Feb 2023



Pre-event Disaster Research and Knowledge Management was organized at Chennai, Tamil Nadu by India Universities and Institutions Network for Disaster Risk Reduction (IUINDRR- NIDM) and Central University of Tamil Nadu, Thiruvarur. The workshop brought multi-stakeholders from various fields including (but not limited to) academicians, researchers, practitioners, administrators, and policy planners to discuss, deliberate, and come up with pragmatic solutions and policy-level initiatives that would help shape a humanitarian response approach to any kind of disasters so that a network of knowledge generation and research in disaster management can be established.

i) Livelihoods in Post Disaster Recovery, 28 Feb 2023

Pre-event of the 3rd National Platform for Disaster Risk Reduction (NPDRR-3) session on 'Livelihoods in Post-Disaster Recovery' was organized by Mahatma Gandhi State Institute of Public Administration (MGSIPA) in collaboration with the National Institute of Disaster Management, Ministry of Home Affairs, Government of India at MGSIPA. The objective of the workshop was to deliberate upon improving the resilience on the issue of migration due to lack of livelihood opportunities in post-disaster recovery phases. The key participants were state and district - level functionaries like Disaster Management Practitioners, Planning Officials, Revenue Officials, Urban Planners, Engineers, Architectures, Trainers in Disaster Management, State Institutes, Civil Defence Volunteers, Middle- level officials from various line departments including Police, Fire, Forest, Health, Women and Child Development, Municipalities, Elected Representatives from Gram Panchayat, Community Based Organization (CBO) and Non-governmental Organisation (NGO) members.



j) Strengthening Social Protection System for Climate and Disaster Risk Management, 03 Mar 2023



NIDM-UNICEF and a large group of partners met at an NPDRR side event on 3 March 2023. The side event (round table) focused on Strengthening Social Protection Systems for Climate and Disaster Risk Management. This event was high-profile and was designed to contribute towards India's G20 presidency and the deliberation on the Disaster Risk Resilient (DRR) working group, of which Shock Responsive Social Protection is one of the key themes. The event saw participation from the Government of India, UN agencies as well as research organizations, IFIs, CSOs, and communities at risk or impacted by disasters.

k) Urban Risk Governance and Capacity Building in DRR, 04 Mar 2023



A National Pre-event towards the 3rd Session of National Platform for Disaster Risk Reduction (NPDRR) 2023 was organized in Delhi by the National Institute of Disaster Management (NIDM) in collaborative partnership with Sphere India. It was supported by Plan India. The event focused on "Urban Risk Governance and Capacity Building in DRR" and had two technical sessions centered around urban resilience and capacity building in DRR. The discussions involved subtopics such as mainstreaming CCA and DRR, strengthening institutions and voluntary groups, and the role of academia in capacity building. The event concluded with a group activity where participants shared their learnings and recommendations for the state and National Platform for Disaster Risk Reduction on sub-themes of the event.

l) Risk-Informed Disaster Recovery and Reconstruction, 06 Mar 2023

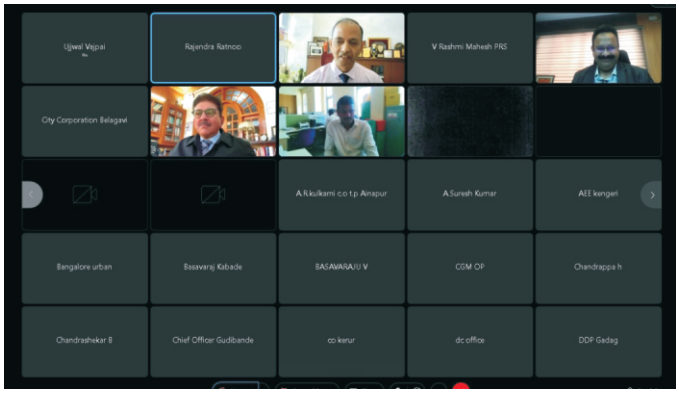


NIDM in collaboration with The World Bank, organized a pre-event on "Risk-Informed Disaster Recovery and Reconstruction" in New Delhi. The pre-event sought to inform Priority Issue 3: Stronger National Financial Frameworks for Disaster Risk Reduction of the G20 DRR working group by bringing together national perspectives on strengthening the process and methodology for

PDNAs and recovery planning in India in order to inform better economic prioritization and financial planning by states and national government. The proceedings of this event will inform the G20 main event, including the development of the capacity-building process for PDNA and Long-term Recovery.

m) Building Community Resilience in Urban Flooding, 06 Mar 2023

NIDM with Karnataka State Disaster Management Authority (KSDMA) organized a pre-event, "Building Community Resilience in Urban Flooding" represented by Dr. Manoj Rajan, Commissioner, KSDMA, Revenue Department (Disaster Management), Govt. of Karnataka, Ms V. Rashmi Mahesh, Relief Commissioner cum Principal Secretary, Revenue Department (Disaster Management), Govt. of Karnataka as Patron and National Institute of Disaster Management (NIDM) represented by Prof. Chandan Ghosh Head – Resilient Infrastructure Division, NIDM, MHA, Government of India, Shri Rajendra Ratnoo, Executive Director, NIDM, MHA, Government of India (GoI) as the Patron.



6.25 Exhibition during NPDRR, 10 -13 March 2023

On 10-11 March 2023, the 3rd meeting of NPDRR was organized at Vigyan Bhawan, New Delhi where National Institute of Disaster Management displayed and presented its various publications viz. training modules, case study report, Proceedings, Journal 'Disaster & Development', IEC material. The exhibition was inaugurated by the Hon'ble Prime Minister, Shri Narendra Modi and Hon'ble Union Home Minister Shri Amit Shah. Experts/ delegates in large numbers including representatives from central ministries, state governments, institutions of national importance, academia, universities, civil society, UN Organizations, elected representatives from urban local bodies and media visited NIDM stall. A wide range of books from different disciplines of disaster management were displayed.







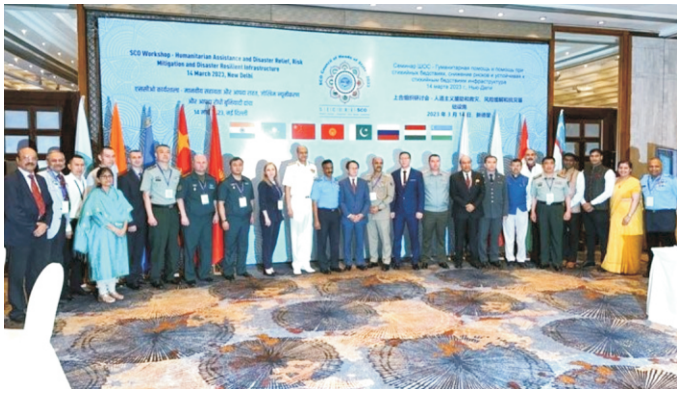
In addition, a plethora of students along with their respective teachers from various schools participated in this exhibition. Communications management activities for outreach, capacity-building efforts, research programmes, and partnerships were highly focused upon through digital version of NIDM publications.



Other Activities

1. On 14 March 2023, New Delhi, Shri Rajendra Ratnoo, ED NIDM, chaired the first session, "Disaster Risk Reduction & Enhanced Resilience," of the workshop on Humanitarian Assistance & Disaster Relief, Risk Mitigation & Disaster Resilient Infrastructure, organized by Headquarters Integrated Defence Staff India, Operational Logistics Directorate, Office of the Raksha Mantri/ Defence Minister of India, as part of India's Chairmanship of Shanghai Cooperation Organization. Representatives from SCO member countries and observer member countries participated in the workshop. Dr. Amir Ali Khan, Associate Professor, NIDM also participated in the SCO workshop and gave presentation on 'Disaster Resilient Infrastructure and Need for Global Collaboration'.







2. Armed Forces Medical College (AFMC) Pune Campus Visit, 17 March 2023 Post Graduate Armed Forces Medical College (AFMC) Pune students visited the NIDM Rohini Campus on 17th March 2023. This was followed by a visit to the campus of NIDM at Rohini New Delhi and concluded by a brief address by Executive Director NIDM.



3. At National Academy of Broadcasting & Multimedia, Delhi on 20 March 2023, Shri Rajendra Ratnoo ED NIDM inaugurated a workshop on "Broadcast Management during Disaster" & delivered the keynote address on National Disaster Communication Policy- Overview.









4. A productive meeting between Shri Rajendra Ratnoo, ED NIDM, Prof. Surya Parkash, Head, GMRD & officials from US-CDC India and NCDC held at NIDM Rohini Campus on 23 March 2023 to discuss ways to enhance capacity-building initiatives for public health emergency & disaster management (PHEDM).





5. NIDM and GIZ India delegation gathered on 27 March 2023 to discuss grant allocation for Sustainable Urban Development- Smart Cities II project, led by Shri Rajendra Ratnoo, ED NIDM. The meeting explored collaborative efforts to build smarter & sustainable cities for a better future. A meeting with GIZ India about Sustainable Urban Development- Smart Cities II dwelled on the pilot work, selecting five smart cities from different states to promote sustainable urban development & include DRR measures in infrastructure development.





Participation in Joint HADR event at Agra

- Dr. Amir Ali Khan was nominated by Institute to participate in the annual Joint Humanitarian Assistance and Disaster Relief (HADR) EX SAMANVAY-2022 at Air Force Station, Agra on Nov. 28-30, 2022. Presentation on 'overview of DM Capabilities & Earthquake and Landslide damage Mitigation and Management'.

Field visit at Doda District, Jammu

- An expert team constituted by NDMA under the chairmanship of Dr. Surya Parkash and Dr. Amir Ali Khan as member from NIDM on Feb. 18-19, 2022 studied and inspected in land subsidence/landslide activities at Nai Basti Hamlet, Thathri Tehsil, Doda District, Jammu.

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CHAPTER 7

FINANCE AND ACCOUNTS

H. K. KOTWALIA & CO.
CHARTERED ACCOUNTANTS

B-2A/31, Janak Puri, Metro Pillar No. 536, New Delhi - 110058
Phone : 011-41650299 Mobile : +91-9810450299, 9999701196
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INDEPENDENT AUDITOR'S REPORT

To

The Executive Director
National Institute of Disaster Management
New Delhi

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of **National Institute of Disaster Management** ("the entity"), which comprise the balance sheet as at 31st March 2023, the Income & Expenditure Account and Receipt and Payment Account for the year then ended and a summary of significant accounting policies and other explanatory information. In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give the information in the manner so required and give a true and fair view subject to the observations given in **Annxure A.**

Basis for Opinion

We conducted our audit in accordance with Standards on Auditing (SAs). Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the entity in accordance with the ethical requirements that are relevant to our audit of the financial statements, and we have fulfilled our other responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of the financial statements and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error. In preparing the financial statements, management is responsible for assessing the entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations, or has no realistic alternative but to do so. Those charged with governance are responsible for overseeing the entity's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

H.K. KOTWALIA & CO. New Delhi Chartered Accountants

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

• Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control

• Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control.4.

• Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management

• Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the entity's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the entity to cease to continue as a going concern.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit..

For H.K.Kotwalia & Co.
Chartered Accountants
Firm's Registration No.015187-N

H.K. KOTWALIA & CO. CA New Delhi Chartered Accountants

Rajesh Khurana
Partner
Membership No. 095946
UDIN : 23095946BGYADW5807
Place: New Delhi
Date: 16.10.2023

ANNEXURE A to the Independent Auditors Report

Audit Observations/Qualifications

1. The following qualification in conformity with the accounting principles generally accepted in India, The management of the institute has not complied with the accounting policies adopted for preparation of the financial statements. The management has opted accrual basis of financial statements (except establishment expenses, rent, rate and taxes, grants-in-aid which are accounted for on cash basis) resulting in contravention of the accrual concept policy and TDS provisions.

2. A total amount of Tax deducted at source of Rs. 3,40,047.65 is lying in the books since long and is not recoverable.

3. The Institute has not maintained proper records showing full particulars including quantitative details and situation of fixed assets. The assets has not been physically verified by the management in accordance with a phased programme of verification.



NATIONAL INSTITUTE OF DISASTER MANAGEMENT

(Ministry of Home Affairs)

For the year ended 31st March 2023

SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS

Schedule 1

1. **Significant Accounting Policies**

a) The financial statements are prepared on the basis of historical cost convention on accrual basis (except establishment expenses, rent, rate and taxes, grants-in-aid which are accounted for on cash basis) and are in accordance with generally accepted accounting practices.

b) The Fixed Assets register is being maintained for the physical verification and all the fixed assets acquired under the project are capitalized in the books of account of the National Institute of Disaster Management in the respective financial year in which such asset was acquired. Fixed Assets are stated at cost of acquisition including the cost of installation if any, as reduced by depreciation charged up to the year. The depreciation is being provided on the fixed assets as per the rates specified under Income Tax Act.

c) As per MHA letter No. F.No.45-16/2012-NDM-II dated 24th March, 2017 regarding implementation of Pension Scheme for the staff of NIDM, NIDM deposited the fund in to NPS account except 3 nos. employees (one has been retired in December, 2019) who have not opted to deposit the fund into NPS. Out of 27 nos. staff only 24 nos. employees fund has been deposited into NPS a/c. However, Employees who left the services, court and death cases their fund (employee and employer contribution) is still lying-in bank account of NIDM.

d) The previous year figures have been re-arranged/regrouped wherever necessary.

e) The institute has maintained 1 current account and 2 saving accounts in bank and 1 PFMS linked saving account.

f) Accounting policies not specifically mentioned are otherwise in consonance with generally accepted accounting practices.



2. **Contingent Liabilities**
   Claims against the institute not acknowledge as debt – NIL

3. In the opinion of the management, the value of realization of current assets, loans and advances in the ordinary course of business would not be less than the amount at which they are stated in the Balance Sheet. Further provisions for all known liabilities have been made in the accounts.

4. As per directions of ministry of Home Affairs (DM Division) vide Letter No. 45-5/2008-NDM-IV/II dated 23rd March,2010 a separate Public Ledger Account(PLA) has been maintained and net savings generated from the projects including the interest earned from the deposits has been credited to the Consolidated Fund of India. Financial Statement for PLA for the financial year 2022-23 has been prepared separately.

For H.K Kotwalia & Co.
Chartered Accountants
Firm Reg. no. 015187N

H.K. KOTWALIA & CO. CA New Delhi Chartered Accountants

Rajesh Khurana
(Partner)
M.No. 095946

Date: 16.10.2023
Place: New Delhi

For, National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts Officer

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(A Statutory Body under Ministry of Home Affairs)

Balance Sheet as at March 31, 2023

(Amount Rs.)

Particulars	Note	As on 31.03.2023	As on 31.03.2022
CORPUS/CAPITAL FUND AND LIABILITIES			
Reserves and Surplus	2	1,16,97,76,006.65	1,14,24,22,710.41
Current Liabilities and Provisions	3	7,48,30,594.15	6,26,88,164.14
Total		**1,24,46,06,600.80**	**1,20,51,10,874.55**
ASSETS			
Fixed Assets	4	1,05,85,44,974.14	1,03,96,32,858.14
Investments	5	14,75,60,298.99	13,85,43,406.00
Current Assets, Loans and Advances	6	3,85,01,327.67	2,69,34,610.41
Total		**1,24,46,06,600.80**	**1,20,51,10,874.55**
SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS	1	-	-

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 015187N

H.K. KOTWALIA & CO. New Delhi Chartered Accountants

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts officer

NATIONAL INSTITUTE OF DISASTER MANAGEMENT

(A Statutory Body under Ministry of Home Affairs)

Income and Expenditure Account for the year ended March 31, 2023

(Amount in Rs.)

PARTICULARS	Note	As on 31.03.2023	As on 31.03.2022
INCOME/GRANT FROM(MHA)			
Grant in Aid Received from MHA	7	32,00,00,000.00	30,00,00,000.00
Total A		**32,00,00,000.00**	**30,00,00,000.00**
EXPENDITURE (MHA-Grant)			
Establishment Expenses	8	8,04,98,835.00	8,32,55,883.00
Other Administrative Expenses	9	15,73,08,494.76	14,59,40,183.67
Expenditure on Training Programmes/Workshops	10	8,71,44,605.00	3,66,36,682.00
Depreciation	4	61,94,769.00	63,19,466.00
Total B		**33,11,46,703.76**	**27,21,52,214.67**
BALANCE BEING DEFICIT FROM MHA FUND BEFORE PRIOR PERIOD AND EXTRAORDINARY ITEMS		**(1,11,46,703.76)**	**2,78,47,785.33**
Less: Prior Period Expenditure		-	-
BALANCE BEING DEFICIT FROM MHA FUND		**(1,11,46,703.76)**	**2,78,47,785.33**
SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS	1		

As per our report of even date attached

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 015187N

H.K. KOTWALIA & CO. * Chartered Accountants * CA New Delhi

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts Officer

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(A Statutory Body under Ministry of Home Affairs)

Receipts and Payment and Account for the Year ended March 31, 2023

(Amount in Rs.)

Particulars	As on 31.03.2023 Rupees		As on 31.03.2022 Rupees	
RECEIPTS				
OPENING BALANCE				
UCO Bank A/c. No. 18200200000924	1,45,00,000.00		2,00,76,523.33	
State Bank of India A/c No. 40256508810	86,09,854.76		-	
UCO Bank A/c No. 182001100067819	(3,63,78,127.14)	**(1,32,68,272.38)**	25,787.80	**2,01,02,311.13**
GRANT RECEIVED FROM				
Grant-in-Aid received from MHA	32,00,00,000.00		30,00,00,000.00	
Grant received for Construction of Southern Campus	3,85,00,000.00		-	
		35,85,00,000.00		**30,00,00,000.00**
Bank Interest Other	773.00		715.00	
Interest (Capital Head)	30,56,421.00		6,33,623.00	
FD Capital Head Auto sweep	-		7,47,33,065.00	
Festival Advance	-		54,000.00	
PLI A/c	-		8,338.00	
Advance for Contingent	63,039.00		-	
LTC Advance	80,220.00		1,96,696.00	
CGHS A/c	-		25,650.00	
Misc. receipts	15,85,312.15		-	
Earnest Money	-	**47,85,765.15**	85,000.00	**7,57,37,087.00**
Employee Contribution to NPS	2,56,166.00	**2,56,166.00**	2,38,142.00	**2,38,142.00**
Total		**35,02,73,658.77**		**39,60,77,540.13**
PAYMENTS				
CAPITAL EXPENDITURE/OTHER LIABILITIES				
Furniture & Fixtures	-		86,84,784.00	
Office Equipment	19,88,740.00		1,27,65,859.00	
Bulding under Construction (Southern Campus)	10,56,789.00		2,68,62,729.00	
Bulding under Construction (Rohini Campus)	48,93,708.00		3,48,68,630.84	
Books	4,44,393.00		8,58,196.00	
Creditors	(45,778.00)		-	
Computer	5,265.00	**83,43,117.00**	49,69,088.00	**8,90,09,286.84**
REVENUE EXPENDITURE				
Training Programme/workshops	4,66,53,502.00		3,19,85,121.00	
LTC Advance	3,28,000.00		-	
TDS A/c	-		183.00	
Fixed Deposit	65,64,026.99		1,45,61,824.00	
Fixed Deposit (Fund)	-		75,00,000.00	
PLA A/c	-		59,000.00	
Advance for Contingent expenses	2,29,020.00		44,926.00	
EMD Refund	25,000.00	**5,37,99,548.99**	-	**5,41,51,054.00**
Establishment Expenses				
Salary and Allowances	7,05,00,262.00		7,07,92,620.00	
Leave Travel Concession/LTA	5,43,988.00		7,43,204.00	
Medical	5,00,352.00		5,58,336.00	
Pension Contribution	6,44,965.00	**7,21,89,567.00**	28,04,669.00	**7,48,98,829.00**
Other Administrative Expenses				
Repair and Maintenance	1,11,98,589.00		95,21,661.00	
Electricity Expenses	51,40,138.00		31,77,698.00	
Postage Charges	1,97,591.00		1,26,270.00	
Hostel Running/Maintenance Exp	40,48,641.00		-	
Printing and Stationery	10,68,078.00		6,15,953.00	
Rent, Rates and Taxes	11,28,74,208.00		10,47,81,914.00	
Miscellaneous Expenses	8,12,632.00		24,27,534.00	
News papers and Periodicals	1,57,325.00		44,805.00	
Telephone Expenses	30,73,127.00		9,33,759.00	
Water Charges	58,595.00		3,63,140.00	
Domestic Travel	27,16,353.00		24,23,328.00	
NPDRR Expenses	1,04,96,549.00		-	
Professional charges	58,85,746.00		60,88,221.00	
Library/Publication	16,98,678.00		14,59,228.00	
Bank Charges	3,105.76		8,703.67	

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Research & Development	14,55,000.00		37,23,574.00	
Office Car Mainteneance expenses	1,19,445.00		2,27,208.00	
Expenses payable	1,11,98,576.00	**17,22,02,376.76**	88,55,036.00	**14,47,78,032.67**
Paid to Govt				
Payment to NPS Trust (CPF)	-		55,208.00	
Expenses Payable -NBCC (Capital Head)	-		3,16,96,575.00	
PAO, Cabinet Affairs, (Sh. Ashish K. Panda)	-		1,000.00	
Employer Cont. to NPS payable	39,15,048.00		35,03,690.00	
Payment of excess income to Govt.	18,47,682.00	**57,62,730.00**	1,12,52,137.00	**4,65,08,610.00**
CLOSING BALANCE				
UCO Bank A/c No. 182001100067819	3,85,25,756.02		(3,63,78,127.14)	
State Bank of India A/c No. 40256508810	(5,49,437.00)		86,09,854.76	
UCO Bank A/c. No. 18200200000924	-	**3,79,76,319.02**	1,45,00,000.00	**(1,32,68,272.38)**
Total		**35,02,73,658.77**		**39,60,77,540.13**
		-		-

As per Our Report of even date attached

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 015187N

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

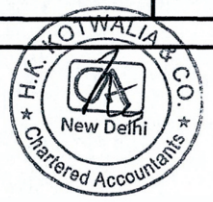
(Surinder Singh Bisht)
Accounts Officer

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(A Statutory Body under Ministry of Home Affairs)

Schedule: 4 Statement of Fixed Assets and Depreciation for the year ended March 31, 2023

(Amount in Rs.)

S.No.	Particulars	Rate	WDV as on 01.04.2022	Addition		Deduction	Total	Depreciation for the Year	WDV as on 31.03.2023
				More than 180 Days	Less than 180 Days				
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Books	40%	25,03,839.00	2,29,217.00	2,16,471.00	1,295.00	29,48,232.00	11,36,258.00	18,11,974.00
2	Office Equipment	15%	89,79,217.00	4,81,790.00	15,06,950.00	-	1,09,67,957.00	15,32,172.00	94,35,785.00
3	Furniture and Fixtures	10%	86,31,299.00	-	-	-	86,31,299.00	8,63,130.00	77,68,169.00
	Plant & Machinery								
4	Plant and Machinery	15%	2,35,657.00	-	-	-	2,35,657.00	35,349.00	2,00,308.00
5	Vehicle (Maruti Ciaz)	15%	4,23,023.00	-	-	-	4,23,023.00	63,453.00	3,59,570.00
	Computer								
6	Computer and Accessories	40%	64,05,746.00	5,265.00	-	-	64,11,011.00	25,64,404.00	38,46,607.00
7	Software	40%	8.00	-	-	-	8.00	3.00	5.00
8	Land (Rohini Campus)	0%	5,54,17,002.00	-	-	-	5,54,17,002.00	-	5,54,17,002.00
9	Building under Construction (Southern Campus)	0%	39,52,07,034.30	-	1,77,74,779.00	-	41,29,81,813.30	-	41,29,81,813.30
10	Building under Construction (Rohini Campus)	0%	56,18,30,032.84	48,93,708.00	-		56,67,23,740.84	-	56,67,23,740.84
Total			**1,03,96,32,858.14**	**56,09,980.00**	**1,94,98,200.00**	**1,295.00**	**1,06,47,39,743.14**	**61,94,769.00**	**1,05,85,44,974.14**



NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(A Statutory Body under Ministry of Home Affairs)

Schedules forming part of the Balance Sheet as on March 31, 2023

Schedule -2 : Reserves & Surplus

(Amount Rs.)

Particulars	As on 31.03.2023	As on 31.03.2022
Reserves and Surplus		
Opening Balance	1,14,24,22,710.41	1,11,45,74,925.08
Add: Excess of Expenditure over Income Transferred during the year	(1,11,46,703.76)	2,78,47,785.33
Grant Received under Capital Head - Southern campus	3,85,00,000.00	-
Total	**1,16,97,76,006.65**	**1,14,24,22,710.41**

Schedule -3 : Current Liabilities and Provisions

Particulars	As on 31.03.2023	As on 31.03.2022
Staff Contributory Provident Fund		
Opening Balance	72,72,641.00	73,27,849.00
Add : - Employer Contribution	-	-
- Employee Subscription	-	-
Interest on Provident Fund	-	-
	72,72,641.00	**73,27,849.00**
Less : Paid to employees	-	55,208.00
	72,72,641.00	**72,72,641.00**
Interest Accrued on FD(BG)-Payable to Govt.	5,11,844.00	3,88,281.00
Other Income Payble to Govt.*	66,37,277.15	18,47,682.00
Earnest Money Deposit	2,71,298.00	2,96,298.00
Expenses Payable	3,71,16,305.00	1,12,38,600.00
Security Received	71,809.00	71,809.00
Interest Accrued (CPF Fund)	5,96,850.00	1,81,528.00
CGHS	37,700.00	37,700.00
Employee Contribution to NPS/Fund	12,47,456.00	9,91,290.00

H.K. KOTWALIA & CO. * New Delhi * Chartered Accountants *

Employer Contribution to NPS Payable	16,30,697.00	12,65,481.00
UCO Bank Account No.182001100067819	-	3,63,78,127.14
Expenses payable(Capital Head)	1,94,36,717.00	27,18,727.00
Total	**7,48,30,594.15**	**6,26,88,164.14**

* This amount includs interest earned on capital grants invested in fixed deposits.

Schedule -5 : Investment

Particulars	As on 31.03.2023	As on 31.03.2022
Fixed Deposit (Auto-Sweep FFD)	6,11,52,717.99	1,45,63,000.00
Fixed deposit (Capital Head A/c)	7,52,50,775.00	11,44,23,371.00
Interest Accrual (Auto Sweep FFD-SBI)	11,09,929.00	49,043.00
Fixed Deposit (Fund)	80,96,850.00	76,81,528.00
Fixed Deposit (Southern Campus -BG)	19,50,027.00	18,26,464.00
Total	**14,75,60,298.99**	**13,85,43,406.00**

Schedule -6 : Current Assets, Loans and Advances

Particulars	As on 31.03.2023	As on 31.03.2022
A. Current Assets		
Bank Balances with :		
UCO Bank Account No. 18200200000924	-	1,45,00,000.00
State Bank Of India Account No. 40256508810	(5,49,437.00)	86,09,854.76
UCO Bank Account No. 18200110067819	3,85,25,756.02	-
Bank Balances	**3,79,76,319.02**	**2,31,09,854.76**
B. Loans, Advances And Other Assets		
Security Deposits	50,999.00	50,999.00
Tax Deducted at source recoverable	3,40,047.65	2,59,257.65
Advance for Contingent Expenses	59,100.00	10,440.00
Conveyance Advance	29,781.00	29,781.00
PLA (Misc Receipts Account)	45,081.00	45,081.00
Prepaid Expenses	-	34,29,197.00
Total	**3,85,01,327.67**	**2,69,34,610.41**

H.K. KOTWALIA & CO. * Chartered Accountants * New Delhi

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(A Statutory Body under Ministry of Home Affairs)

Schedules forming part of the Income and Expenditure Account as on March 31, 2023

Schedule -7 : Grants Received from MHA (DM-Division)

Particulars	As on 31.03.2023	As on 31.03.2022
Grant received from Ministry of Home Affairs under the Central	32,00,00,000.00	30,00,00,000.00
TOTAL	**32,00,00,000.00**	**30,00,00,000.00**

Schedule -8: Establishment Expenses (MHA-Grant)

Particulars	As on 31.03.2023	As on 31.03.2022
Salary and Allowances	7,42,81,486.00	7,53,19,176.00
Pension Contribution	49,25,229.00	66,35,167.00
Leave Travel Concession/LTA	7,91,768.00	7,43,204.00
Medical	5,00,352.00	5,58,336.00
TOTAL	**8,04,98,835.00**	**8,32,55,883.00**

Schedule -9 Other Administrative Expenses (MHA-Grant)

Particulars	As on 31.03.2023	As on 31.03.2022
Repair and Maintenance	1,33,88,921.00	1,08,66,659.00
Postage	2,27,615.00	1,41,952.00
Printing and Stationery	10,68,078.00	6,40,005.00
Electricity & water charges	51,98,733.00	35,40,838.00
Miscellaneous Expenses	9,72,598.00	29,62,308.00
News papers and Periodicals	1,63,983.00	49,625.00
Hostel Running & Maintenance	40,48,641.00	-
Telephone Expenses	66,11,920.00	88,04,481.00
Domestic Travel	28,61,493.00	26,05,745.00
Professional charges	65,81,756.00	60,88,221.00
Rent,Rate & taxes	11,28,74,208.00	10,47,81,914.00
Bank Charges	3,105.76	8,703.67
Publication	17,18,678.00	14,59,228.00
Research and Documentation	14,55,000.00	37,53,574.00
Office Running and Maintenance	1,33,765.00	2,36,930.00
TOTAL	**15,73,08,494.76**	**14,59,40,183.67**

Schedule-10 : Expenditure on Training Programme (MHA-Grant)

Particulars	As on 31.03.2023	As on 31.03.2022
Training Programmes/Workshop Expenses	6,14,53,721.00	3,66,36,682.00
NPDRR Expenses	2,56,90,884.00	-
TOTAL	**8,71,44,605.00**	**3,66,36,682.00**

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 015187N

H.K. KOTWALIA & CO. CA New Delhi Chartered Accountants

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts Officer

PUBLIC LEDGER ACCOUNT (PLA)
(NATIONAL INSTITUTE OF DISASTER MANAGEMENT)
(Ministry of Home Affairs)

PLA Balance Sheet as on March 31, 2023

(Amount Rs.)

Particulars	Schedule	As on March 31, 2023	As on March 31, 2022
Corpus fund and Liabilities			
Capital and Reserve & Surplus	1	7,31,560	7,31,560
Earmarked Funds	2	51,09,802	39,34,350
Current Liabilities and Provisions	3	10,32,456	19,97,192
Total		**68,73,817**	**66,63,102**
Assets			
Current Assets, Loans and Advances	4	68,73,817	66,63,102
Total		**68,73,817**	**66,63,102**

In terms of our report on the even date attached.

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 015187N

H.K. KOTWALIA & CO. * Chartered Accountants * New Delhi

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts Officer

PUBLIC LEDGER ACCOUNT (PLA)
(NATIONAL INSTITUTE OF DISASTER MANAGEMENT)
(Ministry of Home Affairs)

Income and Expenditure Account for the year ended March 31, 2023

(Amount Rs.)

Particulars	As on March 31, 2023	As on March 31, 2022
Income		
Interest Income	1,41,878.00	1,88,144.00
Misc. Receipt	1,03,228.00	-
Interest on FD	-	-
Online Course Receipts	6,01,205.00	9,85,004.36
Institutional Overhead Income From Projects	82,984.00	1,59,876.00
TOTAL (A)	**9,29,295.00**	**13,33,024.36**
Expenditure		
Bank Charges	88.50	1,213.69
Office Expenses	11,682.00	-
Training Programme	-	1,46,000.00
TOTAL (B)	**11,770.50**	**1,47,213.69**
Balance being the Surplus/(Deficit) (A-B)	**9,17,524.50**	**11,85,810.67**
Less: Savings transfer to PAO, MHA	9,17,524.50	11,85,810.67
Balance being the Surplus/(Deficit) crried to Balance Sheet	-	-

In terms of our report on the even date attached.

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 015187N

H.K KOTWALIA & CO. * Chartered Accountants * CA New Delhi

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts Officer

PUBLIC LEDGER ACCOUNT (PLA)
(NATIONAL INSTITUTE OF DISASTER MANAGEMENT)
(Ministry of Home Affairs)

Receipts and Payment Account for the year ended March 31, 2023

(Amount in Rs.)

Particulars	As at 31.03.2023		As at 31.03.2022	
Receipts				
Opening Balance				
UCO Bank (saving a/c)	-		78,76,635.92	
SBI Bank Account No 5043	66,60,159.59	66,60,159.59	-	78,76,635.92
Receipts during the year				
1 Receipts from online course course	6,01,205.00		9,85,004.36	
2 Receipt from CPCB Project	1,00,000.00		2,00,000.00	
3 Child Centric DRR-UNCICEF Project	75,95,400.00		59,33,000.00	
4 Received from WHO	-		61,580.00	
5 Received from NADMP Project	-		-	
6 Received from MoS&T for (CAP-RES Project)	34,53,088.00		15,00,000.00	
7 Received from Ministry of Petrochemical for NCPC-DMP-Project	-		5,91,000.00	
8 Received from MHFW Project	-		5,00,000.00	
9 Received from Ministry of Ayush	-		15,58,200.00	
10 Received from PM Relief Fund A/c	-		-	
11 Received from NIDM (Main A/c)	30,00,000.00		58,00,000.00	
12 Received from MoEF&C for NEFC-DMP Project	-	1,47,49,693.00	-	1,71,28,784.36
Other Receipts				
1 Other Misc. Receipts	29,894.00		-	
2 Interest received (Auto-Sweep)	-		-	
3 Interest received (Others)	1,43,192.00	1,73,086.00	1,85,202.00	1,85,202.00
Total		**2,15,82,938.59**		**2,51,90,622.28**
Payments				
Project Expenses				
1 Child Centric DRR-UNICEF Project	66,13,901.00		55,59,975.00	
2 AYUSH Project	7,00,748.00		-	
3 WHO Project Expenses	-		12,73,750.00	
4 NADMP Project	-		2,215.00	
5 MHFW Project	5,00,000.00		-	
6 CAP-RES Project expenses	14,70,970.00		21,98,322.00	
7 CPCB Project expenses	1,15,900.00		90,000.00	
8 MoEF&C - NEFC-DMP Project	3,35,849.00		19,33,901.00	
9 NCPC-DMP Project(Ministry of Petrochemical)	5,900.00		7,89,535.00	
10 Online Course Expenses	15,282.00	97,58,550.00	-	1,18,47,698.00
Other Expenses/Payments				
1 Payable to Govt.	12,24,108.00		4,54,057.00	
2 NIDM (Main a/c)	30,00,000.00		57,70,000.00	
3 Project Staff (UNICEF)	10,401.00		4,36,803.00	
4 CAP-RES Project Advance	-		20,691.00	
5 Bank Charges	88.50		1,213.69	
6 Expenses Payable	7,17,602.00	49,52,199.50	-	66,82,764.69
Closing Balance				
Bank of Maharashtra (CAP-RES Project)	32,07,061.00		-	
SBI Bank Account No. 5043	36,65,128.09	68,72,189.09	66,60,159.59	66,60,159.59
Total		**2,15,82,938.59**		**2,51,90,622.28**

In terms of our report on the even date attached.

For H.K Kotwalia & Co.
Chartered Accountants
Firm Registration Number: 001187N

H.K. KOTWALIA & CO. New Delhi Chartered Accountants

Rajesh Khurana
Partner
Membership Number: 095946
UDIN: 23095946BGYADW5807

Place: New Delhi
Date : 16.10.2023

For National Institute of Disaster Management

(Rajendra Ratnoo)
Executive Director

(Surinder Singh Bisht)
Accounts Officer

PUBLIC LEDGER ACCOUNT (PLA)
(NATIONAL INSTITUTE OF DISASTER MANAGEMENT)
(Ministry of Home Affairs)

NATIONAL INSTITUTE OF DISASTER MANAGEMENT (PLA)

(Amount in Rs.)

Schedule -1 Corpus/Capital Fund

Particulars	As at 31.03.2023	As at 31.03.2022
Opening Balance	7,31,560.00	7,31,560.00
TOTAL	**7,31,560.00**	**7,31,560.00**

Schedule-2 Earmarked Funds

Particulars	As at 31.03.2023	As at 31.03.2022
1 Funds Received from online courses		
Opening Balance	-	-
Received during the year	6,01,205.00	9,85,004.36
	6,01,205.00	**9,85,004.36**
Less : Utilization/Expenditure during the year	11,682.00	1,46,000.00
Less : Saving payable to Govt. treasury	5,89,523.00	8,39,004.36
	-	-
2 Funds Received from Deptt. of Science & Technology (CAP-RES Project)		
Opening Balance	10,88,412.97	18,51,225.97
Received during the year	34,53,088.00	15,00,000.00
	45,41,500.97	**33,51,225.97**
Less:- Saving payable to Govt. treasury		-
Less : Utilization/Expenditure during the year	14,70,970.00	22,62,813.00
	30,70,530.97	**10,88,412.97**
3 Fund Received from UNICEF (CCDRR Project)		
Opening Balance	2,42,697.00	3,22,346.00
Received during the year	75,95,400.00	59,33,000.00
	78,38,097.00	**62,55,346.00**
Less:- unspent balance returned to UNICEF	9,23,814.00	8,32,479.00
Less : Utilization/Expenditure during the year	57,67,021.00	51,80,170.00
	11,47,262.00	**2,42,697.00**
4 Funds Received from MoC&F (CPCB-CMP Project)		
Opening Balance	1,29,754.00	19,754.00
Received during the year	1,00,000.00	2,00,000.00
	2,29,754.00	**2,19,754.00**
Less: Utilised/Expended during the year	1,15,900.00	90,000.00
	1,13,854.00	**1,29,754.00**
5 Funds Received from MoA&FW (NADMP Project)		
Opening Balance	-	18,105.00
Received during the year		-
	-	**18,105.00**
Less: Utilised/Expended during the year		18,105.00
	-	-
6 Funds Received from MoC&F (NCPC-DMP Project)		
Opening Balance	46,505.00	5,00,000.00
Received during the year	-	6,82,000.00
	46,505.00	**11,82,000.00**
Less:Utilised/Expended during the year	5,900.00	11,35,495.00
	40,605.00	**46,505.00**

H.K. KOTWALIA & CO. Chartered Accountants New Delhi

7	Funds Received from MoEF&CC (NEFC-DMP Project)		
	Opening Balance	3,68,781.00	26,30,400.00
	Received during the year	-	-
		3,68,781.00	**26,30,400.00**
	Less:Utilised/Expended during the year	3,61,038.00	22,61,619.00
		7,743.00	**3,68,781.00**
8	Funds Received from MoH&FW (CDH Project)		
	Opening Balance	5,00,000.00	-
	Received during the year	-	5,00,000.00
		5,00,000.00	**5,00,000.00**
	Less:Utilised/Expended during the year	5,00,000.00	-
		-	**5,00,000.00**
9	Funds Received from Ministry of Ayush (NDMP-Ayush)		
	Opening Balance	15,58,200.00	-
	Received during the year	-	15,58,200.00
		15,58,200.00	**15,58,200.00**
	Less:Utilised/Expended during the year	8,28,393.00	-
		7,29,807.00	**15,58,200.00**
	TOTAL	**51,09,801.97**	**39,34,349.97**

Schedule -3 Current Liabilites and Provisions

Particulars	As at 31.03.2023	As at 31.03.2022
Project savings Payable to Govt Account	9,17,524.50	12,24,107.62
Project Staff (UNICEF)	-	10,401.00
Expenses Payable	69,850.00	7,17,602.00
NIDM (Main A/c)	45,081.00	45,081.00
TOTAL	**10,32,455.50**	**19,97,191.62**

Schedule -4 Current Assets, Loans and Advances

	Particulars	As at 31.03.2023	As at 31.03.2022
A.	**Current Assets**		
	Bank Balances with :		
	Bank of Maharashtra (PFMS)	32,07,061.00	-
	SBI Bank Account No. 5043	36,65,128.09	66,60,159.59
	Interest Accrual	1,628.00	2,942.00
	TOTAL	**68,73,817.09**	**66,63,101.59**

H.K. KOTWALIA & CO. * Chartered Accountants * CA New Delhi

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CHAPTER 8

ANNEXURES

ANNEXURES

List of Annexure		
8.1	Annexure-I	Members of the Institute
8.2	Annexure-II	Members of the Governing Body of the Institute
8.3	Annexure-III	Face-to-Face Program
8.4	Annexure-IV	Online Training Programmes
8.5	Annexure-V	Webinars

Annexure-I: List of Members of the Institute

S. No.	Members	
1	Union Home Minister, Ministry of Home Affairs, North Block, New Delhi	President
2	Vice-Chairperson, National Disaster Management Authority, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi	Vice President
3	Member, National Disaster Management Authority, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi	Member
4	Union Home Secretary, North Block, New Delhi	Member
5	Secretary, Ministry of Finance, Department of Expenditure, North Block, New Delhi	Member
6	Secretary, Ministry of Agriculture & Farmers' Welfare, Krishi Bhawan, New Delhi	Member
7	Secretary, Ministry of External Affairs, South Block, New Delhi	Member
8	Secretary, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi	Member
9	Secretary, Ministry of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi	Member
10	Secretary, Department of Atomic Energy, South Block, New Delhi	Member

S. No.	Members	
11	Secretary, Department of Space, Lok Nayak Bhavan, New Delhi	Member
12	Secretary, Ministry of Earth Sciences, Mahasagar Bhavan, Block No. 12, CGO Complex, Lodhi Road, New Delhi-110003	Member
13	Secretary (Border Management), Ministry of Home Affairs, North Block, New Delhi	Member
14	Additional Secretary and Financial Adviser, Ministry of Home Affairs, North Block, New Delhi	Member
15	Secretary/Additional Secretary, National Disaster Management Authority, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi	Member
16	Director General, Civil Defence & National Disaster Response Force, East Block - 7, Level-7, R.K. Puram, New Delhi-66	Member
17	Deputy Chief of Integrated Defence Staff, Doctrine Organisation & Training (DOT), IDS, HQ Integrated Defence Staff, 23 South Hutments, Kashmir House, Rajaji Marg, New Delhi-110 001	Member
18	Secretary (Disaster Management), Government of Gujarat, Revenue Department, Block-11, 3rd Floor, New Sachivalaya, Gandhinagar-382010	Member
19	Secretary (Disaster Management), Department of Disaster Management, Government of Bihar, Old Secretariat, Patna-800 015	Member
20	Vice-Chancellor, Guru Gobind Singh Indraprastha University, Kashmiri Gate, Delhi-110 006	Member
21	Director, Lal Bahadur Shastri National Academy of Administration, Mussoorie-248 179	Member
22	Director, Sardar Vallabah Bhai Patel National Police Academy, Sivrampally, Hyderabad-500 052	Member
23	Director General, India Meteorological Department, Mausam Bhavan, Lodhi Road, New Delhi	Member
24	Director, Indian Institute of Management, Kolkata, Joka, Diamond Harbour Road, Kolkata-700 104	Member
25	Director, Indian Institute of Technology, Roorkee, Uttrakhand	Member
26	Chairman, Central Water Commission, Sewa Bhavan, R.K. Puram, New Delhi	Member
27	Director, Indian Institute of Public Administration, I.P. Estate, New Delhi	Member
28	Director General, Indian Council of Agriculture Research, Krishi Bhavan, New Delhi	Member
29	Director General, Andhra Pradesh Academy of Rural Development, Rajendranagar, Hyderabad-500 030	Member
30	Director General, Indian Council of Medical Research, V. Ramalingaswami Bhavan, Ansari Nagar, New Delhi-110 029	Member

S. No.	Members	
31	Chairman, Uttrakhand Administrative Reforms Commission, 159 Shraddha Kunj, Vasant Vihar, Chakrata Road, Dehradun	Member
32	National Seismic Advisor, Ministry of Home Affairs, I.P. Estate, New Delhi	Member
33	CMD, General Insurance Corporation, Suraksha, J Tata Road, Churchgate, Mumbai-400 020	Member
34	CMD, Allahabad Bank, Head Office, 2, N. S. ROAD, Kolkata-700 001	Member
35	President, Federation of Indian Chamber of Commerce and Industry (FICCI), Federation House, New Delhi	Member
36	President, Confederation of Indian Industry (CII), Core 4-A, 4th Floor, India Habitat Centre, Lodhi Estate, New Delhi-110 003	Member
37	Director, All India Disaster Mitigation Institute, 411, Sakar Five, Near Natraj Cinema, Ashram Road, Ahmedabad-9	Member
38	Secretary General, Indian Red Cross Society, 1 Red Cross Road, New Delhi	Member
39	Director, National Geophysical Research Institute,	Member
38	Secretary General, Indian Red Cross Society, 1 Red Cross Road, New Delhi	Member
39	Director, National Geophysical Research Institute, Uppal Road, Hyderabad-500 007	Member
40	Director General, Health Services, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi	Member
41	Professor, National Institute of Disaster Management, Plot No. 15, Pocket 3, Block B, Sector 29, Rohini, New Delhi-110042	Member
42	Executive Director, National Institute of Disaster Management, Plot No. 15, Pocket 3, Block B, Sector 29, Rohini, New Delhi-110042	Member Secretary

Annexure-II: Members of the Governing Body of the Institute

S. No.	Members	
1	Vice-Chairperson, National Disaster Management Authority, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi	Chairman
2	Union Home Secretary, Ministry of Home Affairs, North Block, New Delhi	Vice chairman
3	Additional Secretary & In-charge of Disaster Management, Ministry of Home Affairs, North Block, New Delhi	Member
4	Secretary, Ministry of Finance, Department of Expenditure, North Block, New Delhi	Member
5	Secretary, Ministry of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi	Member
6	Secretary, Department of Space, 3rd Floor, Lok Nayak Bhawan, New Delhi	Member
7	Secretary, National Disaster Management Authority, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi	Member
8	Additional Secretary and Finance Adviser, Ministry of Home Affairs, North Block, New Delhi	Member
9	Principal Secretary, Revenue & Disaster Management Department, Government of Assam, Assam Secretariat, Dispur, Guwahati, Assam	Member
10	Chairman, Central Water Commission, 315, Sewa Bhavan, R.K. Puram, New Delhi	Member
11	Director, Indian Institute of Management, Kolkata, Diamond Harbour Road, PO Joka, Kolkata -700104	Member
12	Director, Indian Institute of Technology Roorkee, Uttarakhand-267667	Member
13	Director, National Geophysical Research Institute, Uppal Road, Hyderabad -500007	Member
14	Vice Chancellor, Guru Gobind Singh Indraprastha University, Sector-16C, Dwarka, Delhi-110078	Member
15	Executive Director, National Institute of Disaster Management, Plot No. 15, Pocket 3, Block B, Sector 29, Rohini, New Delhi-110042	Member Secretary

Annexure III: Face to Face Training Programmes conducted by NIDM from 01.04.2022 to 31.03.2023

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
1.	PM Agenda No. 4&9: ToT/PDP on Capacity Enhancement for integration and mainstreaming of SFDRR, SDG, CCA	DMI, Bhopal	04-08 Apr 2022	Prof. Surya Parkash	39
2.	PM Agenda 10 item 1 and 8, Policy Planning, multi-hazards, Earthquake, Flood, Drought, Heat & Cold, Epidemics, etc. Climate Change and Disaster Risk Reduction in District Level Plans	DDU-SIRD, Lucknow (U.P.)	04-08 Apr 2022	Prof. Anil Kumar Gupta	118
3.	PM Agenda No. 1,2,8&9: ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery	OSDMA, Odisha	04-08 Apr 2022	Prof. Santosh Kumar	37
4.	PM Agenda No. 1 and 8 ToT on Understanding Mitigation Measures for Urban Resilience-Role of Civil Defence	DDMA, Delhi	05-09 Apr 2022	Dr. Garima Aggarwal	100
5.	PM Agenda 10 items 1 and 8: River Disaster Resilient Development & Planning (for Earthquake, Landslides, Flash flood, Erosion, and Climate risks) at Local Bodies in North-Eastern Regions	College of Agricultural Engg & Post Harvest Technology Gangtok, Sikkim	18-22 Apr 2022	Prof. Anil Kumar Gupta	54
6.	PM Agenda No. 8 on DRR: Build on Local Capacity and Initiative to enhance Disaster Risk Reduction ToT Programme on Child Centric Disaster Risk Reduction	State Council of Education & Training Institute	18-22 Apr 2022	Dr. Balu I & Shri Ranjan Kumar	85
7.	PM Agenda No. 8 on DRR: Build on Local Capacity and Initiative in Enhance Disaster Risk Reduction ToT Programme on Child Centric Disaster Risk Reduction	MGSIPA, Chandigarh	18-22 Apr 2022	Dr. Kumar Raka & Shri Ranjan Kumar	105
8.	PM Agenda No. 1,4 & 9: Preservation & Conservation of Cultural Heritage Sites and Precincts	BSDMA, Bihar	18-22 Apr 2022	Prof. Santosh Kumar	84
9.	PM Agenda No. 1,2,8 &9: ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery	NIDM, New Delhi	25-29 Apr 2022	Prof. Santosh Kumar	69
10.	PM Agenda No. 8 on DRR: Build on Local capacity and Initiative to enhance Disaster Risk Reduction ToT Programme on Child Centric Disaster Risk Reduction	Sikkim State Disaster Management Authority	25-29 Apr 2022	Dr. Kumar Raka & Shri Ranjan Kumar	45
11.	PM Agenda No. 10: Incidental Response System (IRS): Basic & Intermediate	HCM-RIPA, Rajasthan	25-29 Apr 2022	Shri Shekher Chaturvedi	61
Total					**797**

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
May 2022					
12.	ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery	MGSIPA, Punjab	09-13 May 2022	Prof. Santosh Kumar	100
13.	PM's 10 Point Agenda No-1,8 &9:ToT on Multi-hazard Risk Reduction and Resilience with special emphasis on Chemical & Industrial DRR	GVMC, Vishakhapatnam	09-13 May 2022	Prof. Surya Parkash	143
14.	ToT on School Safety	Vigyan Prasar, Noida	09-13 May 2022	Dr. Ajinder Walia	41
15.	Incident Response System	State Disaster Management Authority, Tamil Nadu	17-20 May 2022	Shri Shekher Chaturvedi	45
16.	Regional Capacity Buildings ToT Program for the academicians of South Region of India on Inspiring the Minds for the Disaster Risk Reduction	South Zone, NIRD, Hyderabad	17-21May2022	Dr. Preeti Soni	40
17.	Training Programme on Climate Information for Disaster Resilient Agriculture	ICAR-IISS, Bhopal Madhya Pradesh	18-20 May 2022	Prof. Anil Kumar Gupta	51
18.	Incidental Response System (IRS) for Police	YASHADA, Pune	23-27 May 2022	Shri Shekher Chaturvedi	56
19.	ToT Programme on Child Centric Disaster Risk Reduction	Dr. Merry Channa Reddy Human Resource Development Institute	23-27 May 2022	Dr. Balu I	33
20.	Training of Trainers Programme on Engaging Youth & Adolescents in DRM & CCA	Central University of South Bihar	23-27 May 2022	Dr. Kumar Raka & Shri Ranjan Kumar	88
21.	ToT on Integration of Village Disaster Management Plan with Gram Panchayat (GPDP) PM Agenda 8 & 9	UIRD, Rudrapur, Uttarakhand	25-27 May 2022	Dr. Sushma Guleria	59
22.	Training Programme on "Disaster Management	NSSTA Campus, Greater Noida, UP	30 May-03 June 2022	Prof. Surya Parkash	59
23.	Long Term Recovery and Reconstruction Strategies	MSDMA, Meghalaya	30 May-03 June 2022	Dr. Amir Ali Khan	60
Total					**775**
June 2022					
24.	Training Programme on Urban Flood Management for Smart Cities Coordinators (DM)	NIDM, New Delhi	01-03 June 2022	Dr. Rajnish Ranjan	31
25.	Foundation Course on Public Health Emergency, Disaster Preparedness and Response	NCDC, Govt of India, Govt. of Uttarakhand	02-04 June 2022	Prof. Surya Parkash	45
26.	ToT on Comprehensive Disaster Management	Institute of Land and Disaster Management, Thiruvananthapuram, Kerala	06-10 June 2022	Shri Shekher Chaturvedi	75

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
27.	ToT Programme on Child Centric Disaster Risk Reduction	Administrative Training Institute - Mysuru, Karnataka	06-10 June 2022	Dr. Kumar Raka & Shri Ranjan Kumar	53
28.	PM Agenda No. 1, 4 & 8: Safe Hill Area Development	Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE), HP	15-17 June 2022	Dr. Amir Ali Khan	50
29.	PM Agenda No. 4 and 1: ToT Programme on Forest Fire Risk Mitigation	Himachal Pradesh Institute of Public Administration, HP	15-17 June 2022	Dr. Garima Aggarwal	42
30.	ToT Programme on Child Centric Disaster Risk Reduction	School Education Department., Pondicherry	20-24 June 2022	Dr. Kumar Raka & Dr. Balu I	71
31.	Community Based Disaster Risk Management	ATI, Nainital, Uttarakhand	20-24 June 2022	Dr. Ajinder Walia	51
32.	PM Agenda No-1,5,8 & 9: ToT/PDP/FDP on Addressing Disaster and Climate Change Issues for Safer Sustainable Hill Area Development covering Forest Fires, Landslides, Avalanches, Lightning, Earthquakes, Cloudburst, Floods, Droughts and Extreme Weather Events	FRI Dehradun, Uttarakhand	22-24 June 2022	Prof. Surya Parkash	38
33.	Training Programme on Basics of DM with focus on Preparations of DM Plan & Business Continuity	National Vocational Training Institute for Women (NVTI), Ministry of Skill Development & Entrepreneurship, Noida, Uttar Pradesh	27-29 June 2022	Dr. Sushma Guleria	60
Total					**516**
July 2022					
34.	Technical Support to States: Addressing Child Centric Vulnerability, Enhancing Capacity & Promoting Resilience	State Council of Educational Research Training (SCRET)	04-08 July 2022	Dr. Kumar Raka & Shri Ranjan Kumar	82
35.	ToT/ PDP on Urban Flooding and Mitigation	Netaji Subhash Administrative Training Institute, Government of West Bengal	11-15 July 2022	Prof. Santosh Kumar	25
36.	Training of Trainers Programme on School Safety	Uttarakhand Institute of Rural Development & Panchayati Raj (UIRDPR)	11-15 July 2022	Dr.Balu I & Shri Ranjan Kumar	46
37.	PM Agenda No. 1,7,8 & 9: FDP on Disaster Resilient Healthcare Infrastructure	SPA, Delhi	11-15 July 2022	Dr. Amir Ali Khan	34
38.	Training Programme on Integration of Disaster Risk Reduction (DRR) with Gram Panchayat Development Plan (GPDP) for Rural Development Sector PM Agenda 8 & 9	HIRD, Nikolkheri, Karnal	18-20 July 2022	Dr. Sushma Guleria	52

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
39.	Training Programme on Children in Disasters and Emergency	Ladakh University	18-22 July 2022	Dr. Kumar Raka & Dr. Balu I	47
40.	Training Programme on Disaster Risk Mitigation for Telecommunication Sector	National Telecommunication Institute for Policy Research, Innovations & Training	18-22 July 2022	Dr. Amir Ali Khan	22
41.	Training of Trainers Programme on Engaging Youth & Adolescents in DRM & CCA	Himachal Pradesh Institute of Public Administration (hpipa)	25-29 July 2022	Dr. Kumar Raka & Shri Ranjan Kumar	53
42.	Training Programme on Cyclone Risk Mitigation and Erosion Control by Bio-Engineering Measures	Department of Geography, Vidyasagar University	25-29 July 2022	Prof. Chandan Ghosh	120
43.	PM Agenda No. 4 and 1: Mainstreaming DRR & CCA into Development Planning/ Chemical Disaster Management Planning/Urban Risk Mitigation/Waste Management	OSDMA, UNDP/ Gopabandhu Academy of Administration, Odisha/Tripura	26-29 July 2022	Dr. Garima Aggarwal	33
44.	Foundation Course on Public Health Emergency and Disaster Management	NCDC, MoHFW, CDC India and Govt. of Uttarakhand	28-30 July 2022	Prof. Surya Parkash	35
Total					**549**
August 2022					
45.	Technical Support to States: Addressing Child Centric Vulnerability, Enhancing Capacity & Promoting Resilience	Institute of Land and Disaster Management	01-05 Aug 2022	Dr. Balu I & Shri Ranjan Kumar	70
46.	PM Agenda No. 4,5 & 6: Faculty Development Training Programme on Disaster Risk Reduction	JMI, New Delhi	01-05 Aug 2022	Dr. Amir Ali Khan	50
47.	Regional Training Programme on Environment Sector & Disaster Management	Taruthang Campus, University of Ladakh	02-04 Aug 2022	Prof. Anil Kumar Gupta	115
48.	Training Programme on Children in Disasters and Emergency	YASHADA, Pune	08-12 Aug 2022	Dr. Kumar Raka & Dr. Balu I	26
49.	ToT on Psychosocial Care in Disaster Management	Meghalaya State Disaster Management Authority, Shillong	16-18 Aug 2022	Dr. Ajinder Walia	56
50.	Training Programme on Comprehensive Disaster Management	Navodaya Vidyalaya	22-26 Aug 2022	Shri Shekher Chaturvedi	37
51.	ToT Programme on Engaging Youth & Adolescents in DRM & CCA	Central University of Tamil Nadu	22-26 Aug 2022	Dr. Kumar Raka & Dr. Balu I	75
52.	PM Agenda No. 1,3 & 6: Faculty Development Training Programme on Disaster Management	MGSIPA, Chandigarh	22-26 Aug 2022	Dr. Amir Ali Khan	62

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
53.	Training Programme on Post Flood Reconstruction Measures using Nature Based Solutions	NEHU, Shillong	23-27 Aug 2022	Prof. Chandan Ghosh	112
54.	PM Agenda No. 1:Preparation of Disaster Management Plan with focus on Water Resource Management during and After Disaster	Delhi Jal Board (DJB), New Delhi	29-31 Aug 2022	Dr. Sushma Guleria	50
55.	PM Agenda No. 1: Training Programme on Building Risk Assessment and Disaster Resilient Construction Technologies: Focus on Earthquakes and Fires	DDMA, Delhi	29 Aug - 02 Sep 2022	Dr. Garima Aggarwal	102
Total					**755**
September 2022					
56.	Training Programme on School Disaster Management Plan	Jammu & Kashmir Institute of Management, Public Administration and Rural Development, Srinagar, J&K	12-15 Sep 2022	Shri Shekher Chaturvedi	28
57.	Training Programme on IRS: Basic & Intermediate	Institute of Land and Disaster Management, Thiruvananthapuram, Kerala	19-23 Sep 2022	Shri Shekher Chaturvedi	76
58.	PM Agenda No. 1 and 8: ToT Programme on District Disaster Management Plans	HCM-RIPA, Rajasthan	20-23 Sep 2022	Dr. Garima Aggarwal	49
59.	ToT Programme on Engaging Youth & Adolescents in DRM & CCA	University of Kashmir	26-30 Sep 2022	Dr. Balu I & Shri Ranjan Kumar	75
60.	ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery	CDM, ATI, Mysuru	26-30 Sep 2022	Prof. Santosh Kumar	61
61.	ToT on Integration of DRR into Gram Panchayat Development Plan (GPDP) PM Agenda 8 & 9	DDUSIRD, Uttar Pradesh	26-30 Sep 2022	Dr. Sushma Guleria	38
62.	Training Programme on Multi Hazard Risk Management Solutions for Cities, Industries and Business	IIT Indore, Madhya Pradesh	26-30 Sep 2022	Prof. Anil Kumar Gupta	88
63.	Post Disaster Stress Management for First Responders of Disasters	Bangalore University, Karnataka	27-29 Sep 2022	Dr. Ajinder Walia	70
64.	PM Agenda No. 4,7 & 8: ToT on School Safety Plan and Auditing	MCHRDI, Telangana	27-29 Sep 2022	Dr. Amir Ali Khan	38
Total					**523**
October 2022					
65.	Training Programme on Disaster Management with emphasis on COVID-19 Protection	RAKANPA Ghaziabad	29-30 Sep & 03 Oct 2022	Prof. Surya Parkash	22

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
66.	Integration of Village Disaster Management Plan with Gram Panchayat (GPDP)	RIPA, Rajasthan	17-19 Oct 2022	Dr. Sushma Guleria	59
67.	Training Programme on River Rejuvenation, Climate Resilience and DRR: Plans, Perspectives and Policies	Babasaheb Bhimrao Ambedkar University, Lucknow	17-21 Oct 2022	Prof. Anil Kumar Gupta	147
68.	Sensitization Programme on Developing DMPS by the line Organizations/Offices of the Ministry of Labour and Employment	Ministry of Labour and Employment	17-21 Oct 2022	Prof. Surya Parkash	46
69.	PM Agenda No. 6,8 & 9: Earthquake Risk Mitigation & Management	University of Kashmir	17-21 Oct 2022	Dr. Amir Ali Khan	70
70.	PM Agenda No. 1 ToT Programme on Mainstreaming Disaster Resilience Measures into Development Planning	Govt. of Mizoram Directorate of Disaster Management & Rehabilitation Mizoram: Aizawl	19-21 Oct 2022	Dr. Garima Aggarwal	49
71.	ToT Community Based Disaster Risk Management	Goa Institute of Public Administration and Rural Development, Goa	26-28 Oct 2022	Dr. Ajinder Walia	42
72.	Technical Support to States: Addressing Child Centric Vulnerability, Enhancing Capacity & Promoting Resilience	Mahatma Gandhi State Institute of Public Administration	31 Oct - 04 Nov 2022	Dr. Kumar Raka & Shri Ranjan Kumar	82
73.	Incident Response System (IRS): IC and PSC	NIDM, New Delhi	31 Oct-04 Nov 2022	Shri Shekher Chaturvedi	20
74.	Integration of Disaster Risk Reduction (DRR) with Gram Panchayat Development Plan(GPDP)	SIRD Lucknow, UP	31 Oct -04 Nov 2022	Dr. Sushma Guleria	41
Total					**578**
November 2022					
75.	Training cum woskhop on Coastal Erosion Control by Bio-engineering Measures	Goa College of Engineering, (GCE), Farmagudi, Goa	03-05 Nov 2022	Prof. Chandan Ghosh	141
76.	ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery	J&K IMPARD, Main campus Srinagar	07-11 Nov 2022	Prof. Santosh Kumar	29
77.	Training cum Workshop Programme on Satellite Earth Observation and Artificial Intelligence Role in Development of Disaster Resilient Infrastructure (EOAIDRI)	MNNIT, Allahabad	11-13 Nov 2022	Prof. Chandan Ghosh	55
78.	PM Agenda No. 1 & 9: ToT on Earthquake Risk Mitigation and Awareness: A Community Based Approach	Vigyan Prasar, Delhi	14-18 Nov 2022	Dr. Amir Ali Khan	48
79.	Incident Response System (IRS)	Mahatma Gandhi State Institute of Public Administration, Chandigarh, Punjab	14-18 Nov 2022	Shri Shekher Chaturvedi	117

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
80.	Technical Support to States: Addressing Child Centric Vulnerability, Enhancing Capacity & Promoting Resilience	HCM-RIPA, Rajasthan	14-18 Nov 2022	Dr. Kumar Raka & Shri Ranjan Kumar	51
81.	ToT Programme on Engaging Youth & Adolescents in DRM & CCA	Central University of Gujarat	14-18 Nov 2022	Dr. Balu I & Shri Ranjan Kumar	86
82.	Training Programme on School Safety	Kendriya Vidyalaya	14-18 Nov 2022	Prof. Surya Parkash	25
83.	Training Programme on Disaster Risk Reduction Measures for Urban Resilience	Kirori Mal College, University of Delhi	14-18 Nov 2022	Dr. Garima Aggarwal	98
84.	Training Programme on Psychosocial Care in Disaster Management	NIDM, New Delhi	15-17 Nov 2022	Dr. Ajinder Walia	23
85.	PM Agenda 8 & 9 National ToT on Integration of Disaster Risk Reduction (DRR) With Gram Panchayat Development Plan (GPDP) and CSR initiatives	NIRDPR, New Delhi	21-25 Nov 2022	Dr. Sushma Guleria	20
86.	ToT on Gender and Disaster Management	Vigyan Prasar, Noida	21-25 Nov 2022	Dr. Ajinder Walia	35
87.	Training of Trainers Programme on Child Centric Disaster Risk Reduction	State Academy of Training Manipur	21-25 Nov 2022	Dr. Kumar Raka & Dr. Balu I	62
88.	Training Programme on General Disaster Management for Serving Officers of Indian Railways	Indian Railways Institute of Disaster Management (IRIDM)	21-25 Nov 2022	Prof. Santosh Kumar	163
89.	Training Programme on Disaster Management and its Mitigation	Alligarh Muslim University	22-24 Nov 2022	Prof. Chandan Ghosh	91
90.	Incident Response System with Spl. Ref. to Hospital & Doctors	Goa Institute of Public Administration and Rural Development, Goa	29 Nov-01 Dec 2022	Shri Shekher Chaturvedi	36
Total					**1080**
December 2022					
91.	Post Disaster Stress Management for First Responders	Tamil Nadu Dr Ambedkar Law University, Chennai	06-08 Dec 2022	Dr. Ajinder Walia	107
92.	PM's 10 Point Agenda No-1,8 &9:ToT/PDP/FDP on Chemical Leakages and Industrial DRR	ONGC-IPSHEM, Goa	12-16 Dec 2022	Prof. Surya Parkash	22
93.	PM Agenda 8 & 9 National ToT on Integration of Disaster Risk Reduction (DRR) With Gram Panchayat Development Plan (GPDP) and CSR initiatives	NIRDPR, New Delhi	12-16 Dec 2022	Dr. Sushma Guleria	20
94.	Training Programme on Psychosocial Care in Disaster Management	NIDM, New Delhi	13-15 Dec 2022	Dr. Ajinder Walia	26
95.	Training Programme on Nature-Based Mitigation Measures to Tackle Climate Change Impact in Sundarbans	Jadavpur University	15-17 Dec 2022	Prof. Chandan Ghosh	55

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
96.	Training Programme on Critical Infrastructure Resilience to the Disasters	YASHDHA, Pune	19-23 Dec 2022	Dr. Garima Aggarwal	67
97.	Training of Trainers Programme on Engaging Youth & Adolescents in DRM & CCA	Central University of Pondicherry	19-23 Dec 2022	Dr. Kumar Raka & Mr.Ranjan Kumar	104
98.	ToT Programme on Coastal Community Resilience	Vigyan Prasar, Puducherry	27-29 Dec 2022	Dr. Amir Ali khan	58
99.	Training Programme on Management of Crowd at Large Congregations	DDMA, Una	27-29 Dec 2022	Shri Shekher Chaturvedi	52
Total					**511**
January 2023					
100.	Training Programme on Engaging Youth & Adolescents in DRM & CCA	Central University of Himachal Pradesh	02-06 Jan 2023	Dr. Kumar Raka & Dr. Balu I	98
101.	Training Programme on CCDRR	ILDM, Kerala	09-13 Jan 2023	Dr. Balu I & Shri Ranjan Kumar	62
102.	PM Agenda No. 2 & 8: Disaster Risk Reduction in Rural Context	DDU Institute for Rural Development, Agra University	11-13 Jan 2023	Dr. Amir Ali Khan	72
103.	Training Programme on Critical Infrastructure Resilience to the Disasters	ATI, Mysuru	16-20 Jan 2023	Prof. Chandan Ghosh	24
104.	ToT/PDP on Post Disaster Needs Assessment for Long Term Recovery	HCM-RIPA, Rajasthan	16-20 Jan 2023	Prof. Santosh Kumar	45
105.	Training Programme on Sustainable Reconstruction & Recovery Framework	ILDM, Kerala	23-25 Jan 2023	Prof. Anil Kumar Gupta	62
106.	Faculty Development Programme for Disaster Management	MGSIPA, Chandigarh, Punjab	30 Jan-03 Feb 2023	Dr. Sushma Guleria	101
107.	Training Programme on Engaging Youth & Adolescents in DRM & CCA	Jharkhand Central University	30 Jan-03 Feb 2023	Dr. Kumar Raka & Dr. Balu I	60
Total					**524**
February 2023					
108.	Training Programme on "Chemical Biological Radiological Nuclear (CBRN)	DDMA Bulandarshahar, Uttar Pradesh	06-08 Feb 2023	Prof. Surya Parkash	54
109.	Incident Response System (IRS): OSC and SO	NIDM, New Delhi	06-10 Feb 2023	Shri Shekher Chaturvedi	12
110.	Training Programme on Engaging Youth & Adolescents in DRM & CCA	Dr. Raghunandan Singh Tolia Uttarakhand Academy of Administration (DRSTUAoA), Nainital	06-10 Feb 2023	Dr. Kumar Raka & Dr. Balu I	60
111.	Faculty Development Programme (Capacity Building) on Series 2- Inspiring the Minds for Disaster Risk Reduction	Gautam Budha University (GBU), Uttar Pradesh	06-10 Feb 2023	Dr. Preeti Soni	91

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
112.	Post Disaster Stress Management for First Responders of Disasters	MCHRDI, Telangana	07-09 Feb 2023	Dr. Ajinder Walia	20
113.	PM Agenda No. 4,7 & 8: School Safety Plan and Auditing	GIPARD, Goa	07-09 Feb 2023	Dr. Amir Ali Khan	38
114.	Post Disaster Needs Assessment	APHRDI, Andhra Pradesh	13-17 Feb 2023	Prof. Santosh Kumar	44
115.	Regional Level ToT on CCA-DRR Mainstreaming into City Plans	MGSIPA, Chandigarh, Punjab	20-24 Feb 2023	Prof. Anil Kumar Gupta	184
116.	Basics of Disaster Management with focus on preparation of Disaster Management Plan & Business Continuity	National Vocational Training Institute for Women (NVTI), Ministry of Skill Development & Entrepreneurship Noida, Delhi	22-24 Feb 2023	Dr. Sushma Guleria	75
117.	Emergency Operations Centre: Establishment & Operationalization	NIDM, New Delhi	22-24 Feb 2023	Shri Shekher Chaturvedi	27
118.	Faculty Development Programme	NERIST, Itanagar, Arunachal Pradesh	22-24 Feb 2023	Prof. Surya Parkash	52
Total					**657**
March 2023					
119.	Training Programme on Integration of DRR into Gram Panchayat Development Plan (GPDP)	Himachal Pradesh State Disaster Management Authority (HPSDMA)	13-15 Mar 2023	Dr. Sushma Guleria	81
120.	Training Programme on Engaging Youth & Adolescents in DRM & CCA	Assam University (Central University)	13-17 Mar 2023	Dr. Kumar Raka & Dr. Balu I	66
121.	ToT Programme on Psychosocial Care in Disaster Management	MGSIPA, Punjab	13-17 Mar 2023	Dr. Ajinder Walia	39
122.	Sensitization Programme on Developing DMPS by the line Organizations/Offices of the Ministry of Labour and Employment	Ministry of Labour and Employment	13-17 Mar 2023	Prof. Surya Parkash	42
123.	Training Programme on Technological Innovation in Weather forecasting, Early Warning and Last Mile Connectivity	SDMA Meghalaya	14-16 Mar 2023	Dr. Rajnish Ranjan	49
124.	Regional Level ToT on "CCA-DRR Integration into State and District Plans	ATI, Nainital	20-22 Mar 2023	Prof. Anil Kumar Gupta	29
125.	Training Programme on CCDRR	Port Blair Campus, Pondicherry University	20-24 Mar 2023	Dr. Kumar Raka & Dr. Balu I	78
126.	Training Programme on CCDRR	Tamil Nadu State Disaster Management Authority (TNSDMA)	27-31 Mar 2023	Dr. Kumar Raka & Shri Ranjan Kumar	51
Total					**435**
Grand Total					**7700**

Annexure-IV: Online Training Programmes conducted by NIDM from 01.04.2022 to 31.03.2023

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
1.	Two-Day Virtual International Conference on Challenges to Disaster Risk Reduction and Resilient Habitat	Shaheed Bhagat Singh College, Delhi University	05-06 Apr 2022	Prof. Anil Kumar Gupta	128
2.	Training Programme on Disaster Risk Climate Change and Resilient Development	DTU, Delhi	05-07 Apr 2022	Dr. Sweta Baidya	116
3.	Training Programme on Drought & Flood Analysis and their Management	MNNIT, Allahabad, Praygraj	14-18 Apr 2022	Dr. Harjeet Kaur	131
4.	Training Programme on Disaster Risk Reduction and Resilience	University of Madras Guindy Campus Guindy Chennai	19-21 Apr 2022	Dr. A L Haldar	261
5.	Training Programme on Earth Observation Technology in Disaster Management	NIDM, New Delhi	27-29 Apr 2022	Shri Goutham Krishna	163
6.	Training Programme on Agri-Systems and Infrastructure Resilience to Disaster	Department of Agricultural Engineering, Assam University, Silchar	28-30 Apr 2022	Dr. Kopal Verma	160
7.	Training Programme on Engaging Youth and Adolescents in DRM	Pondicherry University	28-30 Apr 2022	Ms. Nazia Shaik	306
8.	Training Program on Building Health Assessment & Grading System"	NIDM & National CPWD Academy, GoI UP	28-30 Apr 2022	Shri Shreyash Dwivedi	125
Total					**1390**
May 2022					
9.	Training Programme on Engaging Youth and Adolescents in DRR & CCA	Nagaland University (A Central University)	04-06 May 2022	Ms. Nazia Shaik	321
10.	Training Programme on Industrial Risk and Disaster Management	National Institute of Industrial Engineering	09-11 May 2022	Dr. Kopal Verma	156
11.	Training Programme on of Capacity Enhancement on Disaster Risk Management	University of Lucknow, Uttar Pradesh	17-19 May 2022	Dr. A L Haldar	321
12.	Training Programme on CCDRR	Manipur University	18-20 May 2022	Ms. Nazia Shaik	411
13.	Training Programme on Understanding Coastal Disasters through Geospatial Technologies	National Center for Ocean Information Services, Ministry of Earth Sciences (MoES), GoI, Hyderabad:	18-20 May 2022	Shri Goutham Krishna	147
14.	Training Programme on Role of Youth Police and Communities in Disaster Management and Fire Mitigation	Central University of Himachal Pradesh	18-20 May 2022	Shri Shreyash Dwivedi	129

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
15.	Training Programme on : Making Indian Cities Disaster Resilient Towards Responsive and Actionable Urban Planning, Policy and Development	IMPRI, New Delhi	23-25 May 2022	Dr. Sweta Baidya	601
16.	Training Programme on Coastal Climate Change Adaptation and Disaster Risk Reduction	NIDM, New Delhi	30 May-01 June 2022	Dr. Harjeet Kaur	118
Total					**2204**
June 2022					
17.	Training Programme on Role of Emerging Technologies in Risk and Safety Management	FICCI, New Delhi	01-03 June 2022	Dr. Sweta Baidya	332
18.	Training Programme on Advances in Teaching and Research in the Field of Disaster Resilience and Green Technology for Sustainable Development Goals	Amity University Noida, UP	06-10 June 2021	Dr. Sweta Baidya	100
19.	Training Programme on Emerging Technology Trends for Effective Disaster Management	Gopal Narayan Singh University, Bihar	08-10 June 2022	Dr. Kopal Verma	207
20.	Training Programme on Engaging Youth and Adolescents in DRM & CCA	Rajiv Gandhi National Institute of Youth Development	08-10 June 2022	Ms. Nazia Shaik	325
21.	Training Programme on Industrial Safety and Disaster Management	FICCI, New Delhi	14-16 June 2022	Prof. Anil Kumar Gupta	321
22.	Training Programme on Disaster Risk Reduction and Management	Central University Gujarat	14-16 June 2022	Dr. A L Haldar	279
23.	Training programme on Disaster Resilient Built-up Infrastructure of the Institutions: Focus on Earthquakes & Fires"	Centre for Environmental Studies and Disaster management (CESDM) Miranda House College, University of Delhi	14-16 June 2022	Shri Shreyash Dwivedi	324
24.	Training Programme on Application of Remote Sensing and GIS in Disaster Risk Management	NIDM, New Delhi	20-22 June 2022	Shri Goutham Krishna	162
25.	Training Programme on Intersectionality Approach for Securing Women's Livelihoods, Food and Nutrition Security Towards Disaster Resilience Building: Agenda for APMCDRR	AIDMI, Gujarat	28-30 June 2022	Dr. Harjeet Kaur	144
Total					**2194**
July 2022					
26.	Training Programme on Capacity Building on Ecosystem Restoration and Disaster Management	Shri Venkateswara College, University of Delhi	05-07 July 2022	Dr. Sweta Baidya	198

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
27.	Training Programme on Engaging Youth and Adolescents in DRM & CCA.	Madurai Kamaraj University	14-16 July 2022	Ms. Namrata Sharma	218
28.	Training Programme on Impact of Climate Change on Natural Hazards	Amity University, Lucknow, UP	16-20 July 2022	Dr. Harjeet Kaur	140
29.	Training Programme on Public Participation for Disaster Risk Management	Central University Jharkhand, Ranchi	18-20 July 2022	Dr. A L Haldar	271
30.	Training Programme on Building a Sustainable-Resilient Disaster Waste Management System	Delhi School of Professional Studies and Research , Delhi	19-21 July 2022	Dr. Kopal Verma	431
31.	Training Programme on "Engaging Youth and Adolescents in Disaster Risk Management & Climate Change Adaptation"	Andhra University, Vishakhapatnam	20-22 July 2022	Ms. Nazia Shaik	300
32.	Training Programme on Resilience Measures of Buildings with Special reference to floods and cyclones	The University of Burdwan, Burdwan, West Bengal, (Department of Geography)	20-22 July 2022	Sh. Shreyash Dwivedi	166
33.	Training Programme on "Observing Geohazards from Space"	NIDM, New Delhi	25-27 July 2022	Shri Goutham Krishna	199
34.	Recurring Heat Waves: Risk, Impact and the way forward for Resilience	IMPRI, New Delhi	26-28 July 2022	Dr. Kopal Verma	295
Total					**2218**
August 2022					
35.	Training Programme: “Implementing Rainwater Conservation: Practitioners' Perspective on Rainwater Harvesting and Efficient local water governance and resilience”	IMPRI, New Delhi	02-04 Aug 2022	Dr. Sweta Baidya	260
36.	Training Programme on Engaging Youth and Adolescents in DRM & CCA	Central University of Jharkhand	03-05 Aug 2022	Ms. Namrata Sharma	165
37.	Training Programme on Multi-stakeholder -Multisector Coordination for Response and Resilience: Assam	Sphere India, New Delhi	22-24 Aug 2022	Dr. Kopal Verma	147
38.	ToT Programme for the faculties on Disaster Risk Management and Climate Change	Vinayaka Mission Research Foundation, Deemed University, Tamil Nadu	22-24 Aug 2022	Dr. Preeti Soni	250
39.	Training Programme on Geospatial Technologies for Disaster Management	Bharathidasan University, Tamil Nadu	23-25 Aug 2022	Shri Goutham Krishna	427
40.	Training Programme on Community Based Disaster Risk Reduction for Biomedical Waste Management	Hindustan College of Arts & Science, Chennai Tamil Nadu	23-25 Aug 2022	Shri Ali Haider	213

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
41.	Training Programme on Communication on Infrastructure Resilience in Rural and Tribal Communities in India	Community Radio Association	23-25 Aug 2022	Shri Shreyash Dwivedi	223
42.	Training Programme on Child Centric Disaster Risk Reduction	Central University of Assam	24-26 Aug 2022	Ms. Nazia Shaik	201
43.	Training Programme on Disaster Risk Assessment and Management	Central University of Himachal Pradesh, Dharamshala	29-31 Aug 2022	Dr. A L Haldar	345
Total					**2231**
September 2022					
44.	Training Programme for GIZ on DM Concept & Urban Resilience	NIDM, New Delhi	13-15 Sep 2022	Shri Shreyash Dwivedi	26
45.	Women as Agents of Change for Disaster Risk Reduction and Resilience Building	BL Amlani College of Commerce and Economics	14-16 Sep 2022	Sh. Ali Haider	382
46.	Training Programme on " Multi Sector Coordination for Response and Resilience Building for Tamil Nadu State"	Sphere India, New Delhi	14-16 Sep 2022	Dr. Kopal Verma	539
47.	Training Programme on Basics of Disaster Management	Reliance Retail Ltd, Mumbai	19-21 Sep 2022	Shri Goutham Krishna	1547
48.	Training Programme on "Multi Sector Coordination for Response and Resilience Building"	Sphere India, New Delhi	20-22 Sep 2022	Dr. Sweta Baidya	145
49.	Three day Online Training on Disaster Risk Reduction	Central University Jammu and Kashmir, Jammu	21-23 Sep 2022	Dr. A L Haldar	335
50.	Training Programme on Wetlands in Cities- Spatial Planning for Disaster Risk Reduction	SPA, Bhopal	27-29 Sep 2022	Prof. Anil Kumar Gupta	149
Total					**3123**
October 2022					
51.	Training Program on "Pre and Post Disaster Management Strategies for Built Environment"	Amity University, Jaipur	06-10 Oct 2022	Shri Goutham Krishna	228
52.	Three day Online Training Programme on CCDRR	Nagaland University (A Central University)	12-14 Oct 2022	Ms. Nazia Shaik	279
53.	Training Programme on Flood Risk Reduction and Resilience Strategies A Trans-disciplinary Approach	Innovation Incubation and Entrepreneurship Cell Kazi Narul University Asansol West Bengal	17-19 Oct 2022	Dr. A L Haldar	237
54.	Online Training Programme on Multi Sector Coordination for Response and Resilience Building for Uttarakhand	Sphere India, New Delhi	17-19 Oct 2022	Dr. Sweta Baidya	109
55.	Online Training Programme on Community-Based Disaster Risk Management	Central University of Jharkhand	26-28 Oct 2022	Shri Ali Haider	74

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
56.	Online Training Programme on Occupational Safety and Disaster Management	SRM Institute of Science and Technology, Chennai	27-29 Oct 2022	Dr. Kopal Verma	624
57.	Online Training Programme on Role of Disaster Management Plans to enhance the Resilience of Educational Institutional buildings	Sangam University	27-29 Oct 2022	Shri Shreyash Dwivedi	212
Total					**1763**
November 2022					
58.	Training Programme on Air Pollution and Health Impacts: Disaster Management	Amity University	02-04 Nov 2022	Prof. Anil Kumar Gupta	216
59.	Online Training Programme on Building Resilience of Health Facilities	Geo Hazards Society	09-11 Nov 2022	Shri Shreyash Dwivedi	491
60.	Online Training Programme on Vulnerability and Risk Assessment in Ganetic Plains	Dr. Rajendra Prasad Central Agricultural University Pusa Samastipur Bihar	16-18 Nov 2022	Dr. A L Haldar	223
61.	Online Training Programme on Business Sustainability Climate Change and Disaster Resilience	KES Shroff College Mumbai	21-23 Nov 2022	Dr. Sweta Baidya	376
62.	Online Training Programme on Cultural Heritage Disaster Risk Reduction	Lok Jagruti Kendra University (LJKU)	23-25 Nov 2022	Shri Ali Haider	383
63.	Online Training Programme on Changes in infrastructure, livelihood and ecosystem services in Indian Sundarbans due to frequent disasters	Resilience Innovation Knowledge Academy (RIKA) India Pvt. Ltd	28-30 Nov 2022	Shri Shreyash Dwivedi	84
64.	Remote Sensing applications in Disaster Risk Management	NIDM, New Delhi	28-30 Nov 2022	Shri Goutham Krishna	104
Total					**1877**
December 2022					
65.	Online Training Programme on Disaster Resilient Housing and Built Environment Imperatives for Better Policy, Planning and Sustainable Cities	IMPRI, New Delhi	13-15 Dec 2022	Prof. Anil Kumar Gupta	312
66.	Technologies on Industrial Safety and Disaster Risk Management	SRM Institute of Science and Technology,Chennai, Tamil Nadu	20-22 Dec 2022	Dr. Sweta Baidya	621
67.	Online Training Programme on Community Based Climate Change Adaptation	Avantika University, Lekoda Village	20-22 Dec 2022	Sh. Ali Haider, Jr. Consultant	382
68.	Online Training Programme on Flood Disaster Risk Reduction and Resilience	Mahatma Gandhi University, Nalgonda Telangana	21-23 Dec 2022	Dr. A L Haldar	233
69.	Disaster Risk Reduction and Resilience	Amity University, UP	27-29 Dec 2022	Shri Goutham Krishna	172
Total					**1720**

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
January 2023					
70.	Online Training Programme on Disaster Management: Climate Technology, Forecasting and Mitigation with Embedded Systems	Engineering College Bikaner, Rajasthan	09-11 Jan 2023	Dr. Sweta Baidya	294
71.	Three day online training-oriented consultative workshop inviting domain experts from academia, governmental and non-governmental organizations	Child Rights & You	23-25 Jan 2023	Ms. Nazia Shaik	612
72.	Online Training Programme on Science, Technology & Innovation (STI) Role in DRR Policies and Strategies	Punjab University, Chandigarh	30 Jan- 01 Feb 2023	Shri Ali Haider	134
Total					**1040**
February 2023					
73.	Online Training Programme on Disaster Risk Reduction and Resilience	NIDM, New Delhi	15-17 Feb 2023	Shri Goutham Krishna	255
74.	Online Training Programme on "Urban Risk - Smoke and Dust Hazards"	Pondicherry University	15-17 Feb 2023	Shri Ali Haider	111
75.	Online Training Programme on Physical and Mental Well-Being of Youth in Changing Scenario of Technological World	Indian Institute of Teacher Education (IITE), Gujarat	20-22 Feb 2023	Shri Ali Haider	225
76.	Online Training Programme on Risk Assessment and Disaster Management in Coastal Areas	Goa University	22-24 Feb 2023	Shri Ali Haider	205
77.	Online Training Programme on Child Centric Disaster Risk Reduction	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	27 Feb-01 March 2023	Ms. Nazia Shaik	365
Total					**1161**
March 2023					
78.	Online Training Programme on Mainstreaming Disaster Risk Reduction in Academia	Nagaland University (A Central University)	13-15 Mar 2023	Shri Ali Haider	253
79.	Online Training Programme on Rapid Urbanisation and Disaster Risk Reduction	Central University of Himachal Pradesh	27-29 Mar 2023	Shri Ali Haider	270
80.	Online Training Programme on Community Based Disaster Risk Reduction and Management	Alagappa University	29-31 Mar 2023	Shri Ali Haider	273
Total					**796**
Grand Total					**21717**

Annexure-V: Webinars conducted by NIDM from 01.04.2022 to 31.03.2023

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
1.	Heat Wave and Health Management Organized by NIDM	NIDM, New Delhi	04 Apr 2022	Dr. Harjeet Kaur	191
2.	Orientation For Basic Online Course (Comprehensive Disaster Risk Management Framework) Organized by NIDM	NIDM, New Delhi	04 Apr 2022	Dr. Rajnish Ranjan	96
3.	DRR for Business Continuity Towards Zero Hunger	Coalition Food & Nutrition Security	05 Apr 2022	Prof. Anil Kumar Gupta	72
4.	Management of Forest Fire	NIDM, New Delhi	05 Apr 2022	Dr. A L Haldar	104
5.	Multi-layered, multi-sectoral and multi-agency coordination in COVID-19 in Collaboration with National Centre for Disease Control (NCDC) and U.S. U.S. Centers for Disease Control and Prevention (CDC), Country office India, Country office India	NCDC and CDC, India	06 Apr 2022	Dr. Harjeet Kaur	224
6.	Our Planet, Our Health: Clean Water, Air & Food-Preventing Health Emergencies and Disasters in Collaboration with ABVIMA & RML Hospital, New Delhi	ABVIMA & RML Hospital, New Delhi	07 Apr 2022	Prof. Anil Kumar Gupta	109
7.	Climate Change 2022: Impacts, Adaptation and Vulnerability-Challenges & Solutions Organized by NIDM	NIDM, New Delhi	12 Apr 2022	Shri Ali Haider	364
8.	Legislation and policy framework to deal with Disaster and Health Emergencies in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	13 Apr 2022	Dr. Harjeet Kaur	144
9.	PM 10 Pt Agenda No. 1,3&9: SDG: 3,4&5) Child Protection in Emergencies in Collaboration with Thought	Thought, Delhi	15 Apr 2022	Shri Ranjan Kumar	175
10.	Role of Remote Sensing and Emergency Operation Centre for Management of Heat waves	NIDM, New Delhi	20 Apr 2022	Shri Goutam Krishna	68
11.	Public Health Emergency Management (PHEM) and Public Health Emergency Operations Centers (PHEOC) in context of public health emergency preparedness and response in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	20 Apr 2022	Prof. Surya Parkash	144
12.	Satellite Remote Sensing for Understanding the Natural Hazards and Mitigation Strategies Organized by NIDM	NIDM, New Delhi	25 Apr 2022	Shri Goutam Krishna	100

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
13.	Glacial Lake outburst flood (GLOF), Couses and Consequences Organized by NIDM	NIDM, New Delhi	26 Apr 2022	Dr. A L Haldar	120
14.	"LoRa Technologies for Early Warning System: A Practical Demonstration Organized by NIDM	NIDM, New Delhi	26 Apr 2022	Shri Shreyash Dwivedi	73
15.	PM 10 Point Agenda no. 1,5 & 9: SDG: 13,15&17 Youth for Climate Action Organized by NIDM	NIDM, New Delhi	26 Apr 2022	Dr. Balu I	748
16.	Overview of WHO's PHEOC Framework and Global Common Minimum Standard in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	27 Apr 2022	Dr. Harjeet Kaur	220
17.	"Chemical (Industrial) Disaster Management – Part I"	NIDM, New Delhi	28 Apr 2022	Dr. Kopal Verma	47
18.	Impact of Climate Change and Disaster on Agriculture and Mitigation Strategies	NIDM, New Delhi	29 Apr 2022	Dr. Sweta Baidya	63
19.	"Chemical (Industrial) Disaster Management – Part II"	NIDM, New Delhi	29 Apr 2022	Dr. Kopal Verma	40
20.	Industrial Safety and Disaster Management	NIDM, New Delhi	30 Apr 2022	Dr. Sweta Baidya	90
Total					**3192**
May 2022					
21.	PHEOC–Information Technology:IT Hardware, Software Management, Security and Infrastructure in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	04 May 2022	Dr. Harjeet Kaur	120
22.	Application of Space-based Technology in Disaster Management in Collaboration with Kerala State Disaster Management Authority	KSDMA, Kerala	10 May 2022	Shri Goutam Krishna	99
23.	Brainstorming Session cum Webinar on SDMPs and DDMPs in Collaboration with Sphere India	Sphere India, Delhi	10 May 2022	Dr. Sweta Baidya	12
24.	Integrated Information Management: IHIP (media scanning, rumour register etc.)- (Integration of information and data management in PHEOC): Daily situational awareness report in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	11 May 2022	Prof. Surya Parkash	427

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
25.	Glacial Lake outburst flood (GLOF) in Himalayan Region Organized by NIDM	NIDM, New Delhi	13 May 2022	Dr. A L Haldar	173
26.	NIDM Online Courses & Self Study Programme: How to Participate Organized by NIDM	NIDM, New Delhi	17 May 2022	Dr. Rajnish Ranjan	140
27.	Overview of Incident Management System/ Incident Response System: Structure, Functions and Benefits and how to expand IMS in existing health system for public health emergency preparedness and response in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	18 May 2022	Dr. Harjeet Kaur	495
28.	National Consultation on Disaster Risk Reduction in Collaboration with Sphere India	Sphere India, Delhi	20 May 2022	Dr. Sweta Baidya	91
29.	Ham Radio Communications during Emergencies Organized by NIDM	NIDM, New Delhi	29 May 2022	Shri Shreyash Dwivedi	203
30.	Cyclone Impacts on Infrastructures	NIDM, New Delhi	23 May 2022	Shri Shreyash Dwivedi	245
31.	Application of Remote Sensing in Disaster Management	NIDM, New Delhi	24 May 2022	Shri Goutam Krishna	125
32.	Overview of Incident Action Plan: Objective, Outline in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC, India	25 May 2022	Prof. Surya Parkash	343
33.	Urban Flood and Its Impact Organized by NIDM	NIDM, New Delhi	26 May 2022	Dr. A L Haldar	250
34.	Prospective Farming for Disaster Resilient Agriculture: Ground Experiences Organized by NIDM	NIDM, New Delhi	27 May 2022	Dr. Sweta Baidya	123
35.	Heat Waves and Drought in Disaster Risk Reduction in Collaboration with DDMA	DDMA, UP	27 May 2022	Prof. Surya Parkash	95
36.	Technology for Disaster Resilient Agriculture in Collaboration with Gopal Narayan Singh University	Gopal Narayan Singh University, Bihar	30 May 2022	Dr. Kopal Verma	145
37.	Heat Wave Risk Management Organized by NIDM	NIDM, New Delhi	31 May 2022	Dr. Kopal Verma	130
38.	Post-COVID Transitioning of Children from Home to Schools: A Psycho-Social Perspective in Collaboration with Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur	Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur, Maharashtra	31 May 2022	Shri Ranjan Kumar	293
Total					**3509**
June 2022					
39.	IHR and Global Health Security with focus on COVID-19 Pandemic Management in Collaboration with National Centre for Disease Control	NCDC and CDC	01 June 2022	Dr. Harjeet Kaur	333

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
	(NCDC) and U.S. U.S. Centers for Disease Control and Prevention (CDC), Country office India, Country				
40.	Living Sustainability in Harmony with Nature in Collaboration with Amity University Lucknow	Amity University Lucknow, Uttar Pradesh	05 June 2022	Dr. Harjeet Kaur	162
41.	PM 10 Point Agenda no. 5 & 8 Lightning and Thunderstorm: Risk Reduction and Safety Masures in Collaboration with UPSDMA	UPSDMA, Uttar Pradesh	06 June 2022	Prof. Surya Parkash	359
42.	Early Warning System for Lightning and Mitigation Measures Organized by NIDM	NIDM, New Delhi	08 June 2022	Shri Shreyash Dwivedi	44
43.	Ocean Climate Change and Disaster Management in Collaboration with Amity Institute of Environmental Toxicology, Safety and Management (AIETSM), Amity University	Amity Institute of Environmental Toxicology, Safety and Management (AIETSM), Amity University	08 June 2022	Dr. Kopal Verma	199
44.	Rapid Response Team (RRT) for Pandemic Preparedness in Collaboration with National Centre for Disease Control (NCDC) and U.S. U.S. Centers for Disease Control and Prevention (CDC), Country office India, Country	NCDC and CDC	08 June 2022	Prof. Surya Parkash	297
45.	Industrial Disaster Risk Reduction and Resilience Organized by NIDM	NIDM, New Delhi	10 June 2022	Dr. A L Haldar	113
46.	PM 10 Point Agenda no. 5 for DRR Flood Disaster Risk Reduction and Resilience in Collaboration with DDMA, Mathura, UP	DDMA, Mathura, UP	14 June 2022	Prof. Surya Parkash	138
47.	Risk Communication and Community Engagement (RCCE) in Context of COVID-19 in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC	15 June 2022	Dr. Harjeet Kaur	338
48.	Leveraging Geospatial Technology in Disaster Management Organized by NIDM	NIDM, New Delhi	17 June 2022	Shri Goutam Krishna	126
49.	Safe, Sustainable and Resilient Health Infrastructures, Systems and Services in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC	22 June 2022	Dr. Harjeet Kaur	310
50.	Integrating Sustainable Development Goals (SDGs) and Disaster Risk Reduction (DRR) into Higher Education in Collaboration with DSPSR	DSPSR Delhi	28 June 2022	Dr. Kopal Verma	244

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
51.	"Hydrological Resilience towards agriculture and Food Security Organized by NIDM	NIDM, New Delhi	28 June 2022	Dr. Sweta Baidya	100
52.	Community Engagement in Public Health Emergency and Disaster Management in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC and CDC	29 June 2022	Prof. Surya Parkash	575
53.	Geo-spatial Technology for Landslide Risk Reduction and Resilience Organized by NIDM	NIDM, New Delhi	30 June 2022	Shri Goutam Krishna	110
Total					**3448**
July 2022					
54.	Lightweight Construction Technologies Organized by NIDM	NIDM, New Delhi	05 July 2022	Shri Shreyash Dwivedi	93
55.	Building the Public Health Emergency and Disaster Management Workforce in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	06 July 2022	Dr. Harjeet Kaur	303
56.	Flood Disaster and Risk Reduction Organized by NIDM	NIDM, New Delhi	12 July 2022	Dr. A L Haldar	152
57.	Orientation Programme on Online Courses of NIDM Organized by NIDM	NIDM, New Delhi	12 July 2022	Dr. Rajnish Ranjan	196
58.	Flood Monitoring and Management Using Remote Sensing Organized by NIDM	NIDM, New Delhi	13 July 2022	Shri Goutam Krishna	119
59.	Advocacy in WASH Advocacy for Health Sustenance in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	13 July 2022	Dr. Harjeet Kaur	267
60.	Cyclone Monitoring and Forecasting Using Earth Observation Technologies Organized by NIDM	NIDM, New Delhi	15 July 2022	Shri Goutam Krishna	91
61.	Health Emergency of Climate Change and Extreme Weather Events in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	20 July 2022	Prof. Surya Parkash	325
62.	Pros and Cons of Mask Usage during Pandemic Organized by NIDM	NIDM, New Delhi	22 July 2022	Shri Shreyash Dwivedi	77

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
63.	Disaster Management in Horticultural Crops in Collaboration with Central Institute for Subtropical Horticulture, Lucknow	Central Institute for Subtropical Horticulture, Lucknow	26 July 2022	Dr. Sweta Baidya	108
64.	Sustainable Resilience Development Organized by NIDM	NIDM, New Delhi	26 July 2022	Prof. Santosh Kumar	178
65.	Training and Psychosocial Impacts of Public Health Emergencies in Context of COVID-19 in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	26 July 2022	Dr. Harjeet Kaur	252
66.	Disaster Resilience and Sustainability in Business Startups Organized by NIDM	NIDM, New Delhi	27 July 2022	Dr. Sweta Baidya	65
67.	Flash Drought: Understanding Risk and Developing Resilience Organized by NIDM	NIDM, New Delhi	27 July 2022	Dr. Kopal Verma	94
68.	Role of Stakeholders and Coordination in Response and Relief Organized by NIDM	NIDM, New Delhi	28 July 2022	Dr. Kopal Verma	100
69.	Roundtable on Role of Panchayati Raj Institutions in COVID-19 Response: Key Lessons for Long Term Impact in Collaboration with All India Disaster Mitigation Institute	AIDMI, Gujarat	29 July 2022	Prof. Surya Parkash	85
Total					**2505**
August 2022					
70.	Integrating Public Health Interventions and Strategies in Disaster Risk Reduction (DRR) in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	03 Aug 2022	Dr. Harjeet Kaur	226
71.	Human Resources Capacity Development for Public Health Emergency and Disaster Management in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	10 Aug 2022	Prof. Surya Parkash	224
72.	Innovations in Solar Tree & Tsunami Belt	NIDM, New Delhi	12 Aug 2022	Shri Shreyash Dwivedi	75
73.	Youth for Climate Action in Collaboration with V.V. Vanniaperumal College for Women	V.V. Vanniaperumal College for Women, Virudhunagar, Tamil Nadu	17 Aug 2022	Dr. Balu I	286

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
74.	Funding in Disaster Risk Reduction: 15th Finance Commission & Guidelines (Relief, Mitigation and Reconstruction	NIDM, New Delhi	17 Aug 2022	Shri Ali Haider	201
75.	Glacial Lake outburst Flood (GLOF) Hazard Assessment	NIDM, New Delhi	17 Aug 2022	Dr. A L Haldar	150
76.	Urban Fire Risk Mitigation: Experiences and Initiatives	NIDM, New Delhi	17 Aug 2022	Dr. Amir Ali Khan	105
77.	Best Practices in CBRN Waste Management in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	17 Aug 2022	Dr. Harjeet Kaur	177
78.	An Interaction and experience sharing session with the Pondman of India Shri Ramveer Tanwar	NIDM, New Delhi	24 Aug 2022	Dr. Kopal Verma	69
79.	Leveraging Advance Technology in Public Health Emergency and Disaster Management in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	24 Aug 2022	Dr. Harjeet Kaur	352
80.	Importance of DM Plans in RR	NIDM, New Delhi	26 Aug 2022	Dr. Sweta Baidya	94
81.	Emergency Operations Centre	NIDM, New Delhi	29 Aug 2022	Shri Goutam Krishna	147
82.	Urban Resilience: A Pathway for DRR	NIDM, New Delhi	29 Aug 2022	Dr. Sweta Baidya	88
83.	Mental Health and Disasters	NIDM, New Delhi	31 Aug 2022	Dr. Kopal Verma	85
84.	Geospatial Methods and Tools for Landslide Management	NIDM, New Delhi	31 Aug 2022	Shri Goutam Krishna	104
85.	"Community & Climate Change: Impacts, Adaptation and Vulnerability – Challenges & Solutions"	NIDM, New Delhi	31 Aug 2022	Shri Ali Haider	240
86.	"Bio-Engineering for Kangsabati Riverside Erosion"	NIDM, New Delhi	31 Aug 2022	Shri Shreyash Dwivedi	151
87.	Understanding One Health Concept in Context of the Covid-19 Pandemic in Collaboration with National Centre for Disease Control (NCDC) and U.S. Centers for Disease Control and Prevention (CDC), Country office India	NCDC, CDC, India	31 Aug 2022	Prof. Surya Parkash	194
Total					**2968**
September 2022					
88.	"Designing and Management Techniques to Mitigate Natural Disasters" in collaboration with Amity School of Architecture and Planning, Lucknow	Amity School of Architecture and Planning, Lucknow	01 Sep 2022	Dr. Sweta Baidya	145

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
89.	Flood Disaster Management	NIDM, New Delhi	05 Sep 2022	Dr. A L Haldar	216
90.	“Cash & Voucher Assistance”	Sphere India, New Delhi	10 Sep 2022	Dr. Sweta Baidya	104
91.	Disaster in Chemical Industries- causes and impact	NIDM, New Delhi	14 Sep 2022	Dr. A L Haldar	210
92.	“Array of Webinar Series on Public Health Emergency and Disaster Management and Edging Forward”	NCDC, CDC, India	14 Sep 2022	Prof. Surya Parkash	278
93.	Application of Earth Observation Data for Disaster Mitigation and Management	NIDM, New Delhi	17 Sep 2022	Shri Shreyash Dwivedi	134
94.	"Mainstreaming Heritage Conservation in Disaster Risk Reduction in collaboration with Indira Gandhi National Centre for the Arts (IGNCA)	Indira Gandhi National Centre for the Arts (IGNCA)	20 Sep 2022	Shri Ali Haider	105
95.	"Post-earthquake Reconstruction Programme in India: Experiences and Initiatives for Build Back Better" in collaboration with Department of Civil Engineering, Andhra University College of Engineering (A), Visakhapatnam & Indian Geotechnical Society Visakhapatnam Chapter	Department of Civil Engineering, Andhra University College of Engineering (A), Visakhapatnam & Indian Geotechnical Society Visakhapatnam Chapter	20 Sep 2022	Dr. Amir Ali Khan	130
96.	“Role of Remote Sensing and GIS in Metrological Hazards"	NIDM, New Delhi	23 Sep 2022	Shri Goutam Krishna	238
97.	“Disaster Resilient Agriculture”	NIDM, New Delhi	23 Sep 2022	Dr. Kopal Verma	36
98.	"2047: Disaster Risk Reduction"	NIDM, New Delhi	23 Sep 2022	Shri Ali Haider	72
99.	"Nature-Based Solutions for Disaster Risk Reduction"	NIDM, New Delhi	23 Sep 2022	Dr. Kopal Verma	72
100.	" Role of Early Warning and Communications in Disaster Management"	NIDM, New Delhi	30 Sep 2022	Shri Goutam Krishna	132
101.	School Safety Disaster Risk Reduction	NIDM, New Delhi	30 Sep 2022	Prof. Surya Parkash	69
102.	Bio-Engineering Method for Landslide Mitigation: A Field Experience Sharing	NIDM, New Delhi	30 Sep 2022	Shri Shreyash Dwivedi	76
Total					**2017**
October 2022					
103.	Snow Avalanche and Glacial Hazard in Indian Himalaya Organized by NIDM	NIDM, New Delhi	12 Oct 2022	Dr A L Haldar	128
104.	Hybrid Event on India Resilience Dialogue 2022: Reimagining Disaster Risk Reduction in Collaboration with Sphere India	Sphere India, New Delhi	13 Oct 2022	Dr. Sweta Baidya	143

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
105.	Expert Dialogue on International Day for Disaster Risk Reduction-2022 Theme- Early Warning and Early Action for All in Collaboration with CDC & IAPG India	CDC & IAPG India	13 Oct 2022	Prof. Surya Parkash	182
106.	"Advocating Geoethics for SFDRR, SDGs and CCA in collaboration with International Association for promoting Geoethics-IAPG & Adamas University, West Bengal	International Association for promoting Geoethics-IAPG & Adamas University, West Bengal	13 Oct 2022	Shri Goutham Krishna	131
107.	Disaster Risk Reduction (DRR) of Built Heritage in Collaboration with Manipur Technical University	Manipur Technical University	17 Oct 2022	Shri Ali Haider	175
108.	Urban Planning for the Aggravating Urban Risks Organized by NIDM	NIDM, New Delhi	17 Oct 2022	Shri Ali Haider	71
109.	Disaster Mitigation in India: A Financial viewpoint under the 15th Finance Commission	NIDM, New Delhi	21 Oct 2022	Shri Shreyash Dwivedi	98
110.	Orientation Programme on Online Course of NIDM Organized by NIDM	NIDM, New Delhi	26 Oct 2022	Dr. Rajnish Ranjan	110
111.	Chemical Disaster Safety and Prevention Organized by NIDM	NIDM, New Delhi	28 Oct 2022	Dr. A L Haldar	116
112.	Health Assessment of Critical Infrastructures Organized by NIDM	NIDM, New Delhi	28 Oct 2022	Shri Shreyash Dwivedi	99
113.	Leveraging Technology and Innovation for Landslide Mitigation and Management Organized by NIDM	NIDM, New Delhi	28 Oct 2022	Shri Goutham Krishna	41
114.	The 15th Finance Commission and Disaster Risk Management in Collaboration with IMPRI, New Delhi	IMPRI, New Delhi	28 Oct 2022	Dr. Sweta Baidya	261
Total					**1555**
November 2022					
115.	Reflection and Road Map for Resilience	NIDM, New Delhi	04 Nov 2022	Dr. Sweta Baidya	68
116.	Cyber Attack Disaster Management Organized by NIDM	Organized by NIDM	04 Nov 2022	Dr. A L Haldar	66
117.	Inclusive Participation in DRR (GENDER, ELDERLY, DIFFERENTLY ABLED) in Collaboration with Bhardwaj Shiksha Sanstha (BSS)	Bhardwaj Shiksha Sanstha (BSS)	15 Nov 2022	Shri Ali Haider	141
118.	Community Radio Technology for Disaster Risk Reduction	NIDM, New Delhi	22 Nov 2022	Shri Shreyash Dwivedi	119
119.	Geospatial Technologies for Disaster Management in Collaboration with FICCI, New Delhi	FICCI, New Delhi	25 Nov 2022	Dr. Sweta Baidya	104
120.	Emergency Operations Centre Organized by NIDM	Organized by NIDM	25 Nov 2022	Shri Goutam Krishna	76
121.	Legal Framework of Disaster Management in India	NIDM, New Delhi	25 Nov 2022	Shri Shreyash Dwivedi	102
122.	Forest Hazards Organized by NIDM	Organized by NIDM	29 Nov 2022	Dr. A L Haldar	112

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
123.	Indigenous knowledge and Disaster Risk Management	RATH (Recognize avail Transform Heritage)	30 Nov 2022	Shri Ali Haider	142
124.	Emergency Communication in Disaster Management	NIDM, New Delhi	30 Nov 2022	Shri Goutam Krishna	89
Total					**1019**
December 2022					
125.	Climate Change Adaptation and DRR in Himalayan Region organized by NIDM	NIDM, New Delhi	07 Dec 2022	Dr. A L Haldar	102
126.	Cultural Heritage Disaster Risk Reduction	Heritage Synergies India (HSI) Mumbai	07 Dec 2022	Shri Ali Haider	138
127.	"Combating Air Pollution in National Capital Region" in Collaboration with IMPRI	IMPRI, New Delhi	07 Dec 2022	Dr. Sweta Baidya	285
128.	PM Agenda No 2 - Financial Resilience against Disasters	NIDM, New Delhi	14 Dec 2022	Shri Shreyash Dwivedi	71
129.	Safety and DRR in Tunnels Organized by NIDM	NIDM, New Delhi	15 Dec 2022	Dr. A L Haldar	121
130.	Effects of Climate Change on Cultural Heritage	Mirasy Heritage Management Mumbai	16 Dec 2022	Shri Ali Haider	143
131.	Global Outreach Programme of Mission life for Building Community Resilience	NIDM, New Delhi	23 Dec 2022	Shri Shreyash Dwivedi	160
132.	Tsunami Awareness and Preparedness	Indian National Center for Ocean Information Series	26 Dec 2022	Shri Goutam Krishna	81
133.	Disaster Management Using Geospatial Technology	NIDM, New Delhi	26 Dec 2022	Shri Goutam Krishna	105
Total					**1206**
January 2023					
134.	Drones in Disaster Management	NIDM, New Delhi	12 Jan 2023	Shri Shreyash Dwivedi	111
135.	Sundarban the Heritage Delta, its Vulnerability and Preparedness for Disaster Risk Reduction in Collaboration with Sreema Mahila Samity, West Bengal	Sreema Mahila Samity, West Bengal	13 Jan 2023	Shri Ali Haider	68
136.	Imbalance in Sundarban and its Probable Strategies to Combat Disaster Challenges	Sreema Mahila Samity, West Bengal	16 Jan 2023	Shri Ali Haider	176
137.	Preparing Museums for Disaster Risk Reduction in Collaboration with Heritage Preservation Atelier (HPA) Chandigarh	Heritage Preservation Atelier (HPA) Chandigarh	17 Jan 2023	Shri Ali Haider	210
138.	DRR for Museums and Heritage Sites in collaboration with Heritage Preservation Atelier (HPA) Pvt. Ltd	Heritage Preservation Atelier (HPA) Pvt. Ltd	25 Jan 2023	Shri Ali Haider	130
139.	"Disaster Risk Management: Need for a more responsible collaborative coordinated action"	NIDM, New Delhi	25 Jan 2023	Dr. Sweta Baidya	70

Sl. No.	Name of Course	Venue	Date(s)	Coordinator(s)	No. of Participants
140.	Space Technology for Disaster Management	NIDM, New Delhi	31 Jan 2023	Shri Goutam Krishna	104
141.	Emergency Operations Centre	NIDM, New Delhi	31 Jan 2023	Shri Goutam Krishna	116
Total					**985**
February 2023					
142.	Application of Remote Sensing and GIS in Disaster Management	NIDM, New Delhi	01 Feb 2023	Shri Goutham Krishna	146
143.	Importance of 3D Cultural Heritage Documentation in Disaster management	Care School of Architecture Trichy	13 Feb 2023	Shri Ali Haider	145
144.	Risk Reduction Practices or Techniques for Heritage Building and Museums	Trichy Consultancy Pvt. Ltd., New Delhi	14 Feb 2023	Shri Ali Haider	141
145.	Role of Early Warning System in Disaster Management	NIDM, New Delhi	15 Feb 2023	Shri Goutham Krishna	124
146.	Risk of Urbanisation on Heritage: Understanding Impacts and Assessments in Collaboration with INTACH Bangaluru	INTACH Bangaluru	17 Feb 2023	Shri Ali Haider	117
147.	Mainstreaming Rural Women Artisan Livelihood Programmes for DRR in Collaboration with MITHILA asmita Trust Delhi	MITHILA asmita Trust Delhi	20 Feb 2023	Shri Ali Haider	167
148.	DRR for Traditional Arts and Crafts of India in Collaboration with Rooftop, Mumbai	Rooftop, Mumbai	21 Feb 2023	Shri Ali Haider	121
Total					**961**
March 2023					
149.	Cultural Heritage Disaster Risk Reduction of Historic Districts in India in Collaboration with Drohag Foundation, Gurugram	Drohag Foundation, Gurugram	13 Mar 2023	Shri Ali Haider, Junior Consultant	105
150.	Heritage at Risk: Addressing Environmental and Human Threats to Archaeological	Research Center For Cultural Heritage & KLE Law College, Bengaluru, Karnataka	15 Mar 2023	Shri Ali Haider, Junior Consultant	140
151.	Preserving History: Best Practices for Cultural Heritage Risk Reduction	Research Center For Cultural Heritage & KLE Law College, Bengaluru, Karnataka	16 Mar 2023	Shri Ali Haider, Junior Consultant	179
152.	Eco-Museums and the Changing Trends in Collaboration with Asiatic Society For Social Science Research (ASSSR)	Asiatic Society For Social Science Research (ASSSR)	17 Mar 2023	Shri Ali Haider, Junior Consultant	146
153.	Cyber Threats and Vulnerabilities	Organized by NIDM	23 Mar 2023	Prof. Surya Parkash	86
154.	Industrial Disaster Risk Reduction and Resilience Organized by NIDM	Organized by NIDM	24 Mar 2023	Prof. Surya Parkash	133
Total					**789**
Grand Total					**24154**

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Resilient India - Disaster Free India

National Institute of Disaster Management

(Ministry of Home Affairs, Government of India)

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