

Model Curriculum on Disaster Risk Reduction and Management (Skill Enhancement Course, NEP 2020)

Disaster Risk Reduction and Management:
Skills for Safety and Resilience

2025

National Institute of Disaster Management
Ministry of Home Affairs, Government of India

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Resilient India - Disaster free India



सत्यमेव जयते

राष्ट्रीय आपदा प्रबंधन संस्थान
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Ministry of Home Affairs, Govt. of India

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Foreword

Education plays a foundational role in equipping individuals and communities with knowledge, skills and attitudes required to prepare for, respond to and recover from disasters. In view of the increasing exposure of societies to both natural and human-induced hazards, strengthening the disaster resilience of youth through education has become a national priority. India, as a signatory to the Sendai Framework for Disaster Risk Reduction (2015–2030), is committed to reduce disaster risks and align its efforts with global and national development goals.

Building the capacities of students at an early stage is crucial for fostering a generation of responsible citizens who can anticipate, respond to and recover from disasters. Recognizing this, the University Grants Commission (UGC) has encouraged higher education institutions to introduce courses and activities related to Disaster Risk Reduction (DRR). In response to this national priority, the National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, in consultation with experts from academia, SDMA, National and International organizations, has developed a Model Curriculum for a Two-Credit Skill Enhancement Course on Disaster Risk Reduction and Management for undergraduate students across all disciplines. This initiative is aligned with the National Education Policy (NEP) 2020, which emphasizes interdisciplinary learning, community engagement and practical skill development.

The Model Curriculum integrates theoretical and applied components across four units designed to strengthen conceptual understanding, build life-saving and preparedness skills, and promote community engagement. It includes 15 hours of teaching in lecture mode and 30 hours practical/field based learning, in accordance with NEP 2020, and is adaptable to diverse regional and institutional contexts. The curriculum encompasses key themes, including understanding disaster risk, preparedness and mitigation, fire safety, first aid, weather forecasting and the application of indigenous and community-based knowledge, with a strong emphasis on inclusivity and the use of authentic, government-endorsed resources.

This curriculum represents a collective national effort to balance conceptual depth with accessibility, ensuring that the course remains practical, engaging and relevant to all fields of study. It is envisaged that this initiative will nurture a cadre of informed and skilled young citizens who will contribute to build safer communities and a resilient nation.

The National Institute of Disaster Management is hopeful that this Model Curriculum on Disaster Risk Reduction and Management will serve as a guiding framework for higher education institutions to integrate DRR into undergraduate education meaningfully and to further enhance India's progress towards the objectives of the Sendai Framework and the Sustainable Development Goals.


(Madhup Vyas)

आपदा प्रबंधन महाविचार: पूरा भारत भागीदार

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A special thanks is extended to Dr. Vineet Joshi, Secretary, Department of Higher Education, Ministry of Education, and Chairman, University Grants Commission (UGC); Prof. T.G. Sitharam, Chairman, All India Council for Technical Education (AICTE); Prof. Manish R Joshi, Secretary, UGC; Shri Syed Ekram Rizwi, Joint Secretary (Admn.) and Nodal Officer for Disaster Management, Ministry of Education, Dr. Amit Dutta, Director, Scholarships and Grants Bureau, AICTE and Dr. Diksha Rajput, Joint Secretary, UGC for their support in recognizing the importance of this course aimed at building an informed and skilled youth cadre capable of responding to disasters effectively.

We extend heartfelt thanks to all Subject Experts and the members of the Curriculum Development Committee for their dedicated efforts, technical insights and valuable contributions in formulating this model curriculum. Their collective expertise enabled the design of a comprehensive and practical course framework within the stipulated timeframe.

This model course has been greatly benefitted from the expertise and experience shared by the eminent faculties and professionals from institutions such as School of Planning and Architecture, Bhopal; University of Delhi; Delhi Fire Services; Sardar Patel University, Gujarat; Delhi Technological University; University of Lucknow; Central University of Kerala; Central University of South Bihar; Manipur Technical University; SRM Institute of Science and Technology, Chennai; Rashtriya Raksha University, Gujarat; and Uttar Pradesh State Disaster Management Authority (SDMA).

We also extend our sincere appreciation to the faculty members of NIDM for their constructive feedback and suggestions. We gratefully acknowledge the dedicated efforts of the IUINDRR–NIDM team whose support has been instrumental in refining and strengthening the curriculum.

Special appreciation is extended to the Shri Safi Ahsan Rizvi, Advisor (Mitigation), NDMA (former ED, NIDM) and Shri Madhup Vyas, Executive Director, NIDM, for their visionary leadership in recognizing the need for developing this ‘Model Curriculum on Disaster Risk Reduction and Management’ at the undergraduate level and for their constant support and guidance throughout this exercise.

This model curriculum will serve as a significant step toward strengthening disaster preparedness, fostering resilience and nurturing a generation of skilled and informed youth equipped to address contemporary challenges in disaster risk reduction and management.



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Dr. Ajinder Walia
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Preamble

India is exposed to a broad spectrum of natural hazards, including floods, cyclones, droughts, extreme heat, wildfires, and earthquakes, making it one of the most disaster-prone countries globally (GFDRR¹, 2019; UNDRR², 2020). In addition to natural hazards, the country also faces significant anthropogenic risks arising from chemical, biological, radiological, and nuclear (CBRN) emergencies, particularly due to high population density, rapid urbanisation, and expanding industrial activity (NDMA³, 2019; MHA⁴, 2021). Disasters triggered by these hazards not only result in loss of human lives and extensive damage to infrastructure but also create long-term psychosocial and mental health impacts on affected communities (WHO⁵, 2013; NIMHANS⁶, 2020).

The education sector is similarly vulnerable, often experiencing prolonged disruptions that impede learning continuity and overall human development (UNESCO⁷, 2021). At the same time, education plays a critical role across all phases of disaster management—from mitigation and preparedness to response and recovery—by strengthening awareness, skills, and resilience. A trained and skilled human resource base is essential at every stage of the disaster management cycle to minimise disaster impacts and support effective recovery. This highlights the urgent need to enhance the capacity of citizens to contribute to building a disaster-resilient India.

As the most populous country in the world, India has the world's largest youth population, with nearly 65% of its citizens below the age of 35 (Press Information Bureau⁸, Government of India). According to the All India Survey on Higher Education (AISHE⁹) 2021–22, undergraduate programmes constitute the largest share of student enrolment, accounting for approximately 78.09%. In this context, the proposed skill enhancement course for undergraduate students is a significant initiative aimed at equipping young people with essential, life-saving competencies to protect themselves and support their communities during disasters. The course also seeks to promote meaningful youth engagement in disaster risk reduction efforts, ultimately contributing to the long-term objective of building a safer and more resilient nation.

The proposed 2-credit course aligns with the guidelines of NEP 2020 for skill enhancement courses, aiming to foster active, experiential and participatory learning across disciplines, enabling students to anticipate, and recover from disruptive events. By combining field experiences with local knowledge and institutional insights, the curriculum seeks to provide a model curriculum on DRR life-saving skills to cultivate a resilient mind set in future professionals and citizens.

It combines core modules to ensure consistency in DRR literacy and elective modules grounded in regional hazard contexts, allowing for flexibility and customization according to local conditions. Practical and field components, such as community exposure, hazard mapping exercises, mock drills, local DRR planning and integral assessment elements. The curriculum also incorporates thematic updates, including pandemic preparedness, psychosocial resilience, early warning technology and evolving hazards (e.g., urban flooding, heatwaves, glacial lake outburst floods).

¹GFDRR (2019). *Country Profile: India*.

²UNDRR (2020). *Human Cost of Disasters Report*.

³NDMA (2019). *National Disaster Management Guidelines and CBRN Safety Framework*.

⁴Ministry of Home Affairs (2021). *Disaster Management in India: Status and Policy Framework*.

⁵WHO (2013). *Building Back Better: Sustainable Mental Health Care after Emergencies*.

⁶NIMHANS (2020). *Guidelines on Mental Health and Psychosocial Support in Emergencies*.

⁷UNESCO (2021). *Education in Emergencies: Global Status Report*.

⁸Press Information Bureau (PIB), Government of India. *Demographic Highlights*.

⁹AISHE (2021–22). *All India Survey on Higher Education Report*.

Special Recommendation

It is suggested to incorporate region-specific disaster issues, concerns and innovations into the syllabus to promote practical knowledge and foster behavioural change towards disaster preparedness and resilience.

Mechanism of Consultation & Revision

The drafting of this curriculum followed a rigorous and layered consultation process. A series of meetings was held over a period of 2 months to finalize the course for implementation in Academic Year 2026-27.

1. Expert Working Group Formation and Zero Draft

Strengthening NIDM's efforts for mainstreaming Disaster Risk Reduction (DRR) into Higher Education Institutions (HEIs), the directions were issued by Ministry of Education and UGC vide D.O. No. 15-19/2025(CPP-II) (C.161224) dated 30 July, 2025 for integration of 2 credit skill enhancement course at UG level across country, an expert working group was constituted by NIDM comprising of leaders in academia, disaster practice, government bodies and internationally experienced practitioners. A zero draft of the curriculum was shared with this group and detailed comments and revisions were solicited.

2. Model Curriculum Workshop and Stakeholder Deliberation

To identify regional and national disaster-related issues, a workshop on the development of a Model Curriculum was organized on 29 September 2025 at NIDM, Delhi Campus. The workshop brought together representatives from all regions of India, including participants from academic institutions, disaster management practitioners and experts from state authorities. Through plenary discussions and breakout sessions, valuable insights and contextual suggestions were garnered to refine the curriculum.

3. Final Revision and Approval

Finally, inputs from NIDM faculty members, the expert working group and the workshop were synthesized and incorporated into a final revision. The Model Curriculum Committee finalized this version unanimously. Thus, the current document reflects collective expertise and regional sensitivity. This multi-tiered consultation ensured that the syllabus is academically robust, operationally relevant and regionally adaptive.

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- Dr. Rachana Kathuria, National Professional Officer, WHO India

Basic Framework of the Proposed Skill Enhancement Course on Disaster Risk Reduction- 2 Credit

At present, only a few universities in India offer Disaster Risk Reduction and Management (DRRM) as an independent programme or as a foundational course at the undergraduate level. In most institutions, disaster-related topics are offered only as elective papers within limited disciplines, leaving a large section of students without exposure to DRRM. Recognizing this gap, the proposed 2-credit Skill Enhancement Course on DRRM has been designed to ensure that all undergraduate students, irrespective of their discipline, gain essential knowledge and practical skills for understanding, mitigating and responding to disasters.

Given that DRRM is not part of the pre-university (10+2) curriculum in most regions, this syllabus has been structured to suit the eligibility level of a 12th class pass out student and is recommended to be offered in the second semester of undergraduate study. The course is designed to be interdisciplinary and adaptable across all streams—arts, science, commerce, engineering, or professional studies—emphasizing experiential and applied learning through case studies, simulations and community engagement.

The framework focuses on introducing students to the broader perspectives of disaster risk reduction, while equipping them with foundational skills in preparedness, response and recovery. This approach aligns with the urgent need to build a culture of safety and resilience in the face of rapidly increasing frequency and intensity of hazards driven by climate change and unplanned development. The course thereby aims to cultivate informed, responsible and proactive youth capable of contributing to community and national resilience.

STRUCTURE OF MODEL CURRICULUM
OPTIMUM CONTACT HOURS AND SCORING SCHEME FOR SEC ON DRR

Course type: Skill Enhancement Course (Disaster Risk Reduction)

Disaster Risk Reduction and Management: Skills for Safety and Resilience

Unit I: Understanding Disaster Risk Reduction and Management

Unit II: Preparedness, Mitigation and Response Planning

Unit III: Life Saving Skills

Unit IV: Field Exposure and Community Engagement

Total Credit: 2

Total Hours: 45 (15 hours lecture and 30 hours practical)

Assessment Criteria: 100 (50 Marks Continuous Assessment and 50 Marks Examination)

Continuous Evaluation:

- Internal/Continuous Assessment (50) : Assignments, Test/Quiz/ Practical/Fieldwork
- University Examination (50)

Model Course Curriculum (Undergraduate level – All disciplines)
Credit Distribution, Eligibility and Pre-Requisites of the Course

| Course Code | SKILL ENHANCEMENT COURSE (DISASTER RISK REDUCTION) | Contact hours | | L | T | P* | C |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------|---------------------|----------------------------------------------------|---|----|---|
| | | | | 1 | 0 | 2 | 2 |
| | | | | | | | |
| Semester | II | Lecture | Practical | Type | | | |
| Course Title | Disaster Risk Reduction and Management: Skills for Safety and Resilience | 15 (1 hour/ week) | 30# (2 hours/ week) | Compulsory | | | |
| Credits | 2 | | | Undergraduate | | | |
| Eligibility | 12 th Pass (recommended for I Year, II Semester) | | | | | | |
| Total Marks | 100 | | | (50 Marks Internal and 50 Marks end semester exam) | | | |
| Course Objective: | | | | | | | |
| To equip students with the knowledge, skills and competencies to identify, assess, mitigate disasters and design effective disaster management plans and strategies at individual, institutional and community levels, aligning with national and global frameworks. | | | | | | | |
| Learning Outcome: | | | | | | | |
| By the end of this course, students will be able to: | | | | | | | |
| <div><div>1. Identify hazards, vulnerabilities and risks at individual, institutional and community levels.</div><div>2. Outline the legal and institutional frameworks of DRR in India and globally.</div><div>3. Demonstrate life-saving skills, emergency communication, disaster response and risk mitigation techniques.</div><div>4. Utilize and implement basic tools and technologies for risk assessment, preparedness and resilience-building.</div><div>5. Prepare disaster management plans and design community awareness activities, or prototypes in regional/local contexts.</div></div> | | | | | | | |
| Unit: 1 | Understanding Disaster Risk Reduction and Management | | | | | | |
| <div><div>• Basic concepts and terminology: Hazard, Vulnerability, Capacity, Exposure, Disaster, Risk, Disaster Management & Disaster Risk Reduction.</div><div>• Hazard profile of India: Regional profile.</div><div>• Disaster Management Cycle: Mitigation, preparedness, response, relief, recovery, rehabilitation.</div><div>• Policy and legal frameworks: DM Act 2005, DM Amendment Act 2025, National Policy, State-specific Acts; PM 10 Points agenda.</div><div>• International frameworks: Sendai Framework, Paris Agreement, SDGs.</div></div> | | | | | | | |

- **Role of Institutions in DRR (overview only):** NDMA, NIDM, IMD, CWC, GSI, BIS, ISRO, INCOIS, SDMA, DDMA, NDRF.
- **Case studies of different disasters in India:** Lessons learned (minimum 2).

| | |
|----------------|-------------------------------------------------------|
| Unit: 2 | Preparedness, Mitigation and Response Planning |
|----------------|-------------------------------------------------------|

- Framework for Developing Disaster Management Plans.
- Hazard, Vulnerability, Capacity and Risk (HVCR) Assessment tools and techniques: Transect walk, Hazard mapping, Problem tree, Chapatti diagram etc.
- Mitigation and Preparedness: Evacuation planning, mock drills, tabletop exercises; disaster-specific mitigation, Crowd Management techniques.
- Basics of Incident Response System (IRS).
- Role of emergency forces: NDRF, SDRF, police, fire services, armed forces, NCC, NSS.
- Planning for more vulnerable groups.
- Emerging technologies: Drones, digital literacy, mobile apps (GIRI tool, SAFAR, Meghdoot, UMANG, Sachet, CWC Flood Alerts, IMD, BIS, IHIP), social media for DRR.
- Basics of safe construction and structural & nonstructural audit exercise (safety of home/college buildings).
- Funding mechanisms for disasters in India.
- Emergency Communication Network.

| | |
|----------------|---------------------------|
| Unit: 3 | Life-Saving Skills |
|----------------|---------------------------|

- **First Aid in disasters:** Golden hour concept, CPR, wounds, choking, burns, fractures, animal bites (snake/dog/rabid), heat-related illnesses, triaging, stampede.
- **Household and personal preparedness and protection:** 72-hour emergency kit, safe food storage, water purification, ORS use, water sanitation and hygiene (WASH) and Infection Prevention Control (IPC) practices, Basic Sign Language.
- **Search and Rescue methods.**
- **Fire safety and electrical/gas/LPG safety:** Causes, prevention, fire extinguisher demonstration, indigenous methods (Natural first-aid remedies- aloe vera, turmeric, coconut oil, salt solution); traditional risk-reduction practices.
- **Disaster-specific response:** Floods, landslides, earthquakes, CBRN emergencies, pandemics, drowning, lightning, gas leakage, cyclone, heatwave, coldwave.
- **Psychosocial support in DRR;** Steps for implementing psychological first aid and its importance.
- **Public health preparedness:** Public health impacts of various disasters, Prevention of post-disaster water-borne and vector-borne diseases.

| | |
|----------------|------------------------------------------------|
| Unit: 4 | Field Exposure and Community Engagement |
|----------------|------------------------------------------------|

- **Field visits:** District Emergency Operations Centre, State Disaster Response Force/ National Disaster Response Force units, fire stations, State Emergency Operations Center, hazard-prone communities, heat-prone areas (flood-prone village, fire-vulnerable urban slum).
- **Practical exposure:** Mock drills, demonstrations and simulations (multi-hazard, evacuation, earthquake, flood); interaction with responders and officials (Aapda Mitras, National Cadet Corps/National Service Scheme/Nehru Yuva Kendra Sangathan, Red Cross).

- **Community Engagement projects:** Street plays (nukkad natak), awareness campaigns, DRR clubs (institute and community level clubs), Information, Education and Communication material (podcasts, videos, comics, photo essays, posters, Knowledge exchange webinars).
- **Environmental hazards:** Youth/community participation (tree plantation, soil conservation).
- **Project/assignment:** Preparation of institutional/household DM plan in local language; budget-friendly multi-disaster survival kit prototype; reflective field report, youth-led community engagement projects and creation of IEC/digital communication materials.
- **Multidisciplinary integration:** Links with local governments, HEIs, youth/adolescent networks.
- **Activities for mitigating disaster risks:** Increasing green cover, plantation and knowledge of human anatomy.
- **Interaction with:** State, district, gram panchayat level officials, DRR helpline numbers, and knowledge of physical resources required and available locally; interview /session with disaster survivors.

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Total Lecture hours | 15 hours |
| Total Practical hours (field/project/exercises) | 30 hours |
| Total hours | 45 Hours |
| Mode of Evaluation: Quizzes, Assignments, Multiple choice questions test, field work report, project, presentation, community activity, simulation | |

* According to NEP 2020 guidelines, 2 credits of practical or field work are generally equivalent to 1 credit.

Inclusive of all practical/field visits/interactions/guest sessions.

Note: The approach of this course is to inculcate awareness of hazards and develop the capacity to respond to disasters with an aim for DRR. Hence, it is recommended to use the expertise of professionals during field visits and practical training. These professionals can be from the NDRF, SDRF, Indian Armed Forces, Firefighting department, medical and sports arenas and others who have first-hand experience and knowledge in such skills (a suggestive list is annexed).

Suggestive Resource Materials

Books/Handbooks

1. Sphere Handbook for humanitarian response standards.
Link: <https://spherestandards.org/handbook/>
2. Health emergency and disaster risk management framework (Health EDRM). WHO. Link: <https://www.who.int/publications/i/item/9789241516181>

Websites of Key Agencies

1. National Disaster Management Authority (NDMA): <https://ndma.gov.in>
India's apex body for policy and planning in disaster management.
2. National Institute of Disaster Management (NIDM): <https://nidm.gov.in>
Apex national level training and capacity-building institution for disaster risk reduction.
3. India Meteorological Department (IMD): <https://mausam.imd.gov.in>
Provides official weather forecasts, warnings and alerts.
4. Central Water Commission (CWC): <http://www.cwc.gov.in>
Responsible for flood forecasting and hydrological data.
5. Flood Forecasting Portal (FFWC): <https://ffs.india-water.gov.in/>
Real-time flood forecasting and inundation alerts for India.
6. Geological Survey of India (GSI): <https://www.gsi.gov.in>
Provides hazard maps and geological risk assessments.
7. India Disaster Resource Network (IDRN): <https://idrn.gov.in>
Inventory of emergency response resources across India.
8. Coalition for Disaster Resilient Infrastructure (CDRI): <https://cdri.world/>
Global initiative led by India for promoting resilient infrastructure.
9. Indian Space Research Organisation (ISRO): <https://www.isro.gov.in/>
Space agency of India; information regarding academic programmes and fellowships
10. Indian Institute of Remote Sensing: <https://www.iirs.gov.in/>
Research, educational programmes and resources related to remote sensing and geo-informatics
11. DRDO Avalanche Warning Bulletin: <https://drdo.gov.in/drdo/avalanche-warning-bulletin>
Snow and avalanche forecasts for high-altitude regions.
12. Building Materials and Technology Promotion Council (BMTPC): <https://www.bmtpc.org/>
Promoting sustainable, cost-effective, and disaster-resistant building materials and technologies
13. National Information Centre of Earthquake Engineering (NICEE) at IIT Kanpur:
<https://www.nicee.org/EQTips.php>
Learning Seismic Design and Construction

Mobile Applications

1. Bhooskhalan App (GSI)
Reports and monitors landslide events in India.
2. MausamGram App (IMD)
Hyperlocal weather forecast and alerts powered by IMD.
3. Sachet App (NDMA)
Alerts for natural and human-induced disasters and industrial safety incidents.
4. SAFAR (System of Air Quality and Weather Forecasting and Research):
<https://safar.tropmet.res.in/>
Real-time air quality and environmental health forecasting.

NDMA Booklets

1. AAPDA MITRA: A prime example of community-based disaster management: <https://ndma.gov.in/sites/default/files/IEC/Booklets/AAPDA%20MITRA%20A5%20BOOK%20Final.pdf>
2. DISABILITY INCLUSIVE DRR: Transformative journey towards a disability-inclusive society: <https://ndma.gov.in/sites/default/files/IEC/Booklets/Disability%20inclusive%20DRR.pdf>
3. BEATING THE HEAT: How India successfully reduces mortality due to heat waves: <https://ndma.gov.in/sites/default/files/IEC/Booklets/HeatWave%20A5%20BOOK%20Final.pdf>
4. PSYCHOSOCIAL CARE: Mitigating impact of disasters on mental health: <https://ndma.gov.in/sites/default/files/IEC/Booklets/Psychosocial%20A5%20Book.pdf>
5. REACHING OUT TO SAVE LIVES: How social media transformed India's readiness towards disasters: <https://ndma.gov.in/sites/default/files/IEC/Booklets/Social%20Media%20A5%20BOOK.pdf>
6. THUNDERSTORM AND LIGHTNING: Tackling weather hazards: <https://ndma.gov.in/sites/default/files/IEC/Booklets/Thunderstorm%20Lightning%20NDMA%20A5%20BOOK%20New.pdf>

NIDM Training Modules and Guidelines

1. Do's and Don'ts for Common Disasters: https://nidm.gov.in/PDF/IEC/DOS_E_24.pdf
Simple safety instructions for major disasters.
2. Community-based disaster risk management: https://nidm.gov.in/PDF/Modules/ToTModule_CBDRM2025.pdf
3. Management of crowds at large congregations: https://nidm.gov.in/PDF/Modules/TrgMod_CrowdatLargeCongregations.pdf
4. Climate change and extreme events risk reduction: https://nidm.gov.in/PDF/Modules/TM_CCEERR_23.pdf
5. Health adaptation and resilience to climate risks; https://nidm.gov.in/PDF/Modules/NIDM_HARCR2021.pdf
6. NIDM IEC Material: <https://nidm.gov.in/iec.asp>
Informational and awareness-raising content on DRR.
7. Social and Behavioural Change Communication (SBCC) Training Module: https://nidm.gov.in/sbc_training_module.asp
Training content for behaviour change during disasters.
8. SBC Toolkit – Cyclone: https://nidm.gov.in/sbc_cyclone.asp
Preparedness and response strategies for cyclone-prone areas.
9. SBC Toolkit – Flood: https://nidm.gov.in/sbc_floods.asp
Community-level flood preparedness material.
10. SBC Toolkit – Earthquake: https://nidm.gov.in/sbc_eq.asp
Guidelines for earthquake risk reduction.
11. NIDRR Checklist and Planning Tools: <https://nidm.gov.in/pdf/sbc/DRR%20Checklist%20PDF%20for%20WEB.pdf>
Tools for local disaster preparedness planning.
12. NIDRR Communication Materials User Guide: <https://nidm.gov.in/pdf/sbc/NIDM%20User%20Guide%20Communication%20Material%20PDF%20for%20WEB.pdf>
Reference for community-level communication campaigns.

13. NIDM Training Modules: <https://nidm.gov.in/modules.asp>
Topic-wise training modules for educators and practitioners.

Other Key Materials

1. NDMA Awareness Booklets: <https://ndma.gov.in/Resources/booklets>
Official illustrated booklets on various disaster types.
2. Indian Red Cross Society: <https://indianredcross.org>
Offers first aid, blood services, and disaster relief training.
3. International Federation of Red Cross and Red Crescent Societies:
<https://www.ifrc.org>
4. NIDM Audio-Visual Material (YouTube): <https://www.youtube.com/@NIDMINDIA>
Videos, webinars, and documentaries on DRR.
5. UNDRR resources: <https://www.undrr.org/> Resources for global frameworks
6. Class 9–10 CBSE Teachers' Manual (Life Skills)

Resources on Youth Engagement for Disaster Risk Reduction

1. The Power of Youth Engagement in Disaster Risk Reduction activities (Technical Report · May 2020):
<https://www.researchgate.net/publication/351049159>
2. Participation in Disaster Risk Reduction (DRR) Education: Analysing the Practices, Issues and Challenges - Open Journal of Earthquake Research, 2023, 12, 198-222:
<https://www.scirp.org/journal/ojer>
3. Youth Participation in Disaster Risk Management and Climate Change Adaptation (Book · October 2023): <https://www.researchgate.net/publication/382973623>
4. Nalla, V., & Ranjit, N. (Eds.). (2022). Afterwards: Graphic narratives of disaster risk and recovery from India. Indian Institute for Human Settlements. <https://doi.org/10.24943/9788195648559>

Online courses

• NIDM

1. Comprehensive Disaster Risk Management Framework (CDRMF):
https://elearning.nidm.gov.in/enrol/blpayment/course_overview.php?id=193
2. Gender Aspects of Disaster Recovery and Reconstruction:
https://elearning.nidm.gov.in/enrol/blpayment/course_overview.php?id=187
3. Risk Sensitive Land Use Planning:
https://elearning.nidm.gov.in/enrol/blpayment/course_overview.php?id=191
4. Safe cities: https://elearning.nidm.gov.in/enrol/blpayment/course_overview.php?id=197
5. Community- Based Disaster Risk Management:
https://elearning.nidm.gov.in/enrol/blpayment/course_overview.php?id=217
6. Climate Change and Disaster Risk:
https://elearning.nidm.gov.in/enrol/blpayment/course_overview.php?id=216

• SWAYAM and NPTEL MOOCs:

1. Disaster Recovery and Build Back Better (BBB):
https://onlinecourses.nptel.ac.in/noc22_ar05/preview

2. Climate Change and Disaster Risk Management
https://onlinecourses.swayam2.ac.in/ntr25_ed113/preview
3. Disaster Management:
https://onlinecourses.swayam2.ac.in/ntr25_ed102/preview
4. Disaster Management:
https://onlinecourses.swayam2.ac.in/cec25_hs135/preview
5. Disaster Risk Reduction and Management:
https://onlinecourses.swayam2.ac.in/ini25_hs32/preview
- **NIDM courses on iGOT Karmayogi for government officials (<https://igotkarmayogi.gov.in>):**
 1. Dos and Don'ts of Disaster Preparedness
 2. Basics of Disaster Management
 3. School Safety: Hazard risk vulnerability analysis
 4. Crowd management
 5. School safety beyond structures: Planning and mitigation
 6. Flood management

Annexure - I

Fire Services Departments list

| S. no. | State/ UT | Contact No. | E-mail | Website |
|--------|--------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Andaman & Nicobar | 03192-230216 | dgp@and.nic.in | http://andssw1.and.nic.in/ospfire/ |
| 2 | Andhra Pradesh | 040-23442944 | vivekdube@hotmail.com | https://fireservices.ap.gov.in/ |
| 3 | Arunachal Pradesh | 0360-2212576 | igp.arunpol@nic.com | https://anjaw.nic.in/divisions/fire-station/ |
| 4 | Assam (Guwahati) | 0361-2511329 | info@asfso.org | https://fireandemergency services.assam.gov.in/ |
| 5 | Bihar (Patna) | 0612-2221191 | sfocumdirector-bih@gov.in | https://fireservice.bihar.gov.in/ |
| 6 | Chandigarh | 91-98881117800 | supdtfire42@gmail.com | https://web.archive.org/web/20140203030327/http://mcchandigarh.gov.in/firedept.htm |
| 7 | Chhatisgarh | +91-771-2512330 2512331, 2512332 2512333 | - | https://cghgcd.gov.in/ |
| 8 | Dadra & Nagar Haveli and Daman & Diu | 0260-2242666 0260-2241101 0260-2241666/101 | Sfo-dmn-dd@ddd.gov.in | https://fes.ddd.gov.in/Home/Contact_us |
| 9 | Goa | +91 7391047132 101 / 112 | dir-fire.goa@nic.in | https://dfes.goa.gov.in/overview-functioning/contact-us/ |
| 10 | Gujarat | 0079-23259509 | afes@ahmedabadcity.gov.in | https://fscop.gujfiresafetycop.in/Default.aspx |
| 11 | Haryana | 0172-2704941 | dulbhry@yahoo.co.in | - |
| 12 | Himachal Pradesh | 0177-2629945 | fire-hp@nic.in | https://himachal.nic.in/fire |
| 13 | Jammu & Kashmir | 0191-2457821/3013 | info.fesjk@jk.gov.in | https://www.fireandemergencyjk.co.in/ |

| | | | | |
|----|----------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 14 | Jharkhand | 9123461101 | sfojhkfire@gmail.com | https://advantage.jharkhand.gov.in/fire/ |
| 15 | Karnataka | 91-80-22282392 22285659 22286632 | md@kumbangalore.com ebiz.karnatakaonline1@gmail.com | https://ebiz.karnataka.gov.in/kum/ksfesd.aspx |
| 16 | Ladakh | 91 -99062 62252 | Ladakhfireservice101@gmail.com | - |
| 17 | Kerala | 0471-2320872 2320868 | dg.frs@kerala.gov.in | https://fire.kerala.gov.in/ |
| 18 | Lakshadweep | 04896-262258 | lak-sop@nic.in | - |
| 19 | Madhya Pradesh | 0755-2554081 82,2552356 2655367 | lsbaghel.mpuad@gmail.com commuadmp@mpurban.gov.in | - |
| 20 | Manipur | 0385-2450101 +91 8415925200 | fireservice.mn@gov.in, nabamanipurfire@gmail.com | https://manipurfireservice.gov.in/ |
| 21 | Meghalaya | 0364-2224668 | fes.meg@meghalaya.gov.in | https://megfireservice.gov.in/ |
| 22 | Maharashtra | <u>022 69820555</u> | info@mahafireservice.gov.in | https://mahafireservice.gov.in/ |
| 23 | Mizoram | 0389-2341203 | so.fire@mizoram.gov.in firemizo@gmail.com | https://fireservice.mizoram.gov.in/ |
| 24 | Nagaland | 0370-2221817 | firedept-ngl@gov.in nlfnes@gmail.com | https://nfes.nagaland.gov.in/ |
| 25 | New Delhi | 011-23414000 | director.dlfire@nic.in | https://dfs.delhi.gov.in/ |
| 26 | Odisha | 0671-2300317 | cghomeguar dorrisa@gmail.com dircdodisha@gmail.com | www.odishafshgscd.gov.in |

| | | | | |
|----|---------------|----------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 27 | Puducherry | 0413-2336677 | Fire.pon@nic.in | https://fire.py.gov.in/ |
| 28 | Punjab | 09815941207 0172-2619278 2619145 | dlgmsc123@ gmail.com dirlocalgovtpunjab @gmail.com | https://lgpunjab.gov.in/cms/fire-services.php |
| 29 | Rajasthan | 0141-2222403 | dlbrajasthan@ gmail.com | - |
| 30 | Sikkim | 101, 03592-202001 | controlroom@ sikkimfire.nic.in | https://sikkimfire.nic.in/About_us.htm |
| 31 | Tamil Nadu | 9443655001/044- 28294129 | tnfrs.tn@nic.in | https://www.tnfrs.tn.gov.in/ |
| 32 | Telangana | 040-23442955 | ts_firechief@ yahoo.com | https://fire.telangana.gov.in/ |
| 33 | Tripura | 0381) 232-6451 | dg.fire-tr@gov.in | http://www.fireservice.tripura.gov.in/ |
| 34 | Uttarakhand | 0135- 2654900/ 2712685 | ddtfireukd@gmail. com | https://ukfireservices.com/uttarakhand_fire/ |
| 35 | Uttar Pradesh | 0522-2287236 | shqup@gmail.com | www.upfireservice.gov.in |
| 36 | West Bengal | 033-22527172 | dg.wbfes@gmail. com | https://wbfes.gov.in/ |

Annexure - II

National Disaster Response Force battalions list

| Unit | Address | Control Room No. | E-mail |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------|
| 1 st Battalion NDRF | 1 st BN NDRF, Patgaon PO - Azara, Distt. Kamrup Metro, Guwahati - 781017 | 0361-2840027 | assam01-ndrf[at] nic[dot]in |
| 2 nd Battalion NDRF | 2 nd BN NDRF Near RRI Camp. Haringhata Mohanpur, Nadia (West Bengal) Pin - 741246 | 033-25875032 | wb02-ndrf[at] nic[dot]in |
| 3 rd Battalion NDRF | 3 rd BN NDRF, PO-Mundali Cuttack - Odisha Pin - 754013 | 0671-2879710 | ori03-ndrf[at]nic[dot] in |
| 4 th Battalion NDRF | 4 th BN NDRF, Suraksha Campus, Arrakonam, Distt. Ranipet, Tamilnadu - 631152 | 04177-246594 9442140269 | tn04-ndrf[at]nic[dot] in |
| 5 th Battalion NDRF | 5 th BN NDRF Sudumbare, Mavel, Pune Maharashtra-412109 | 9422315628 9422318427 | mah05-ndrf[at] nic[dot]in |
| 6 th Battalion NDRF | 6 th BN NDRF, Jarod Camp Teh-Wagodia, Vadodara (Gujarat) Pin - 391510 | 9429199493 | guj06-ndrf[at] nic[dot]in |
| 7 th Battalion NDRF | 7 th BN NDRF, Bibiwala Road Bhatinda (Punjab) Pin 151001 | 0164-2246030 | pun07-ndrf[at] nic[dot]in |
| 8 th Battalion NDRF | 8 th BN NDRF, Kamla Nehru Nagar, Ghaziabad, UP Pin - 201002 | 0120-2766013 | up08-ndrf[at] nic[dot]in |
| 9 th Battalion NDRF | 9 th BN NDRF, Bihata Patna Bihar, Pin-801103 | 8544415050 8544415049 | patna-ndrf[at] nic[dot]in |
| 10 th Battalion NDRF | 10 th BN NDRF, Village Kondapavuluru, PO- Surampalli, Gannavaram Mandal Krishna (AP) PIN-521212 | 08333068559 08333068540 | ap10-ndrf[at]nic[dot] in |

| | | | |
|---------------------------------|--------------------------------------------------------------------------------------------|----------------------------|-----------------------------|
| 11 th Battalion NDRF | 11 th BN NDRF, Sanskritik Sankul, Maqbool Alam Road Varanasi, UP-221002 | 0542-2501202 | up-11ndrf[at]gov-[dot]in |
| 12 th Battalion NDRF | 12 th BN NDRF, Itanagar Arunachal Pardesh-791112 | 0360-2999577 | bn12[dot]ndrf[at]gov[dot]in |
| 13 th Battalion NDRF | 13 th BN NDRF, Ladhowal Ludhiana, Punjab-141008 | 0161-2921304 | jk13[dot]ndrf[at]gov[dot]in |
| 14 th Battalion NDRF | 14 th BN NDRF, Nurpur Jassur, Kangra Himachal Pradesh PIN-176201 | 01893-292602 | co14[dot]ndrf[at]gov[dot]in |
| 15 th Battalion NDRF | 15 th BN NDRF, PO-Gadarpur Distt - Udham Singh Nagar Uttarakhand, PIN-263152 | 05949-231198 7579098442 | co15[dot]ndrf[at]gov[dot]in |
| 16 th Battalion NDRF | 16 th BN NDRF, Near Dada Dev Mandir Road, Sector-7 Dwarka, New Delhi PIN-110077 | 011-20893564 | co16[dot]ndrf[at]gov[dot]in |

Annexure - III

State Disaster Response Force list

| State | Email id | Contact no. | Website |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Andhra Pradesh | apsdrf@gmail.com | - | https://apsdma.ap.gov.in/apsdrf.php |
| Arunachal Pradesh | dirts@arunpol.nic.in | - | https://sdma-arunachal.in/sdrf/ |
| Assam | asdmaghy@gmail.com | +91-361-2237221 (O) +91-361-2237010 (F) | https://sdrf.assam.gov.in/ |
| Bihar | info@bsbma.org | +91-6115252028-29 (O) | state.bihar.gov.in/disastermgmt/ |
| Chhattisgarh | dghomeguard.cg@gmail.com | +91-771-2512306 (O) | cghgcd.gov.in |
| Gujarat | control-pu@gujarat.gov.in | +91-79-23254442 (O) | http://www.gsdma.org/Content/creation-of-state-disaster-response-force-sdrf-4191 |
| Goa | Dir-fire.goa@nic.in | (+91) 7391047132 101 1122225500 / 2423101 2425101 / 2455400 | https://dfes.goa.gov.in/disaster-management/state-disaster-response-force/ |
| Haryana | fcr@hry.nic.in | +91-172-2711925 (O) +91-124-2269913 | http://hdma.gov.in/en/sdrf-norms |
| Himachal Pradesh | sp1-sdrf@hp.gov.in , sdma-hp@nic.in | +91-98160-06938 (M) +91-177-2626212(O) | hpsdma.nic.in/Index1.aspx?lid=1410&lsid=1460&pid=1457&lev=3&langid=1 |
| Karnataka | dgp.ksfes@ka.gov.in | +91-80-25570733 (O) +91-80-22971501 | https://ksdrf.karnataka.gov.in/en |
| Kerala | seoc.gok@gmail.com , keralasdma@gmail.com | +91-471-2364424 2331345 (O) | https://sdma.kerala.gov.in/sdrf/ |
| Madhya Pradesh | secyhomep@mp.gov.in | +91-755-2708062 (O) | https://negd.gov.in/isl/Directory/statedata/25 |
| Maharashtra | sdrfgrunagpur@gmail.com | +91-7104-238032 (F) | https://sdma.maharashtra.gov.in/en/ |
| Manipur | sdrfgrunagpur@gmail.com | +91-385-2450038(O) | https://manipursdma.com/ |

| | | | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Meghalaya | sdmadeptt007@gmail.com | +91-364- 2500053 (O) | https://msdma.gov.in/sdrf.html |
| Mizoram | jsdmr@gmail.com | +91-389-2315205 (O) 2322745 (F) | https://dmr.mizoram.gov.in/page/sdrf |
| Nagaland | homecommissioner.nagaland@gmail.com | +91-370-2270068(O) 2270071(F) | https://nsdma.nagaland.gov.in/sdrf |
| Odisha | srcodishagov@gmail.com | +91-674-2534180(O) | https://www.osdma.org/#gsc.tab=0 |
| Punjab | fcr@punjab.gov.in | +91-172-2743854(O), 2740904(O) | https://revenue.punjab.gov.in/?q=disaster-management-plans |
| Rajasthan | adgp.sdrf@rajpolice.gov.in , adgpsdrf@gmail.com | +91-141-2741927(O) | https://dmrelief.rajasthan.gov.in/content/raj/dmr/en/home.html# |
| Sikkim | director@sikkimfire.nic.in | 9800002600, 03592202748 | NA |
| Tamil Nadu | marutham28@gmail.com | +91-44-24328392(O) | https://www.tn.gov.in/go.php?dep_id=MjY=&year=MjAyMQ== |
| Tripura | sarat.kumar.das@gmail.com | +91-381-2413318/357(O) 2413318(F) | https://tdma.tripura.gov.in/ |
| Uttar Pradesh | NA | +91-522-2238200(O) +91-522-2238084(F) | https://www.sdrfup.in/ |
| Uttarakhand | cosdrf-police-uk@nic.in | +91-135-2410197(O) +91-9412057650 | https://usdma.uk.gov.in/ |
| West Bengal | ps.dmd-wb@nic.in | +91-33-22143674 501003(O), 22144005(F) | http://wbmdm.gov.in/Pages/Default.aspx |
| Dadra & Nagar Haveli and Daman & Diu | dmc-dnh@nic.in | +91-260-2630304 (O) 2641113 (F) +91-7874148005 | https://daman.nic.in/state-disaster-managment-dd.aspx |
| Jammu and Kashmir | ighg@jkpolice.gov.in | +91-194-2455165 (O) | https://www.jkpolice.gov.in/jk-civil-defence |
| Ladakh | utdrfle@gmail.com | +91-1982-251169(O) | https://ldma.ladakh.gov.in/ |
| Lakshadweep | lak-sop@nic.in | +91-4896-262258(O) | https://lakshadweep.gov.in/disaster-management/ |

Annexure - IV

State Emergency Operations Centers list

| S.no. | Ministry/State | Contact Number | Email | Website |
|-------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | National Emergency Response Center, Disaster Management Division, Ministry of Home Affairs | 011-23438252 011-23438253 Help Line: 011-1070 | dresponse-nerc@gov.in | https://ndmindia.mha.gov.in |
| 2 | Ministry of Railways | +9123382638(O) 9717641291(M) | safetycontrolrb@gmail.com | https://indianrailways.gov.in/index1.html |
| 3 | Andaman & Nicobar Island | 03192-238880 | statecontrolroom@gmail.com | https://ddm.and.nic.in/ |
| 4 | Andhra Pradesh | 08645-246600 0863-2377119 2377120, | seoc-apsdma@ap.gov.in | http://apsdma.ap.gov.in/ |
| 5 | Arunachal Pradesh | - | arun01ddm@gmail.com | https://itanagar.nic.in/disaster-management/ |
| 6 | Assam | +91-361-2237219 +91-361-2237377 +91-9401044617 +91-9435-592762 | sdma-assam@gov.in, statedmcontrolroomassam@gmail.com | https://asdma.assam.gov.in/ |
| 7 | Bihar | +91-612-2294204 +91-612-2294205 | secy-disastermgmt-bih@nic.in | https://state.bihar.gov.in/disastermgmt |
| 8 | Chandigarh (UT) | +91-1722704048 | civildefence.chandigarh@gmail.com | https://chandigarh.gov.in/departments/other-departments/sdma |

| | | | | |
|----|----------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 9 | Chhattisgarh | +91-7712221242 +91-7712510593 | cgrelief@gmail.com | https://sdma.cg.nic.in/ |
| 10 | Dadra & Nagar Haveli Daman & Diu | 91-260-2253000 +91-260-112 | eoc-dnhdd@nic.in | https://ddd.gov.in/ |
| 11 | Delhi | 0107, 011- 23982164, 23831077 | ddma1077.delhi@ nic.in | https://ddma.delhi.gov.in/ |
| 12 | Goa | +91-832-2419444 +91-832-2419446 | usrev1-sect.goa@ nic.in , usrev2-sect. goa@nic.in | https://sdma.goa.gov.in/ |
| 13 | Gujarat | +91-79-23251900 +91-79-23251903 | revcontrol1@ gujarat.gov.in | http://gsdma.org/ |
| 14 | Haryana | +91-172-2545938 | sdmaharyana@ gmail.com | http://hdma.gov.in/en |
| 15 | Himachal Pradesh | +91-177-2628940 | seocshimla@gmail. com, sdma_hp@ nic.in | https://hpsdma.nic.in/ |
| 16 | Jammu & Kashmir | - | jksdma@gmail.com; jksdma@gmail.com, pcrjammuoff@ jkpolice.gov.in; pcrkashmir@gmail. com | https://jksdma.jk.gov.in/ |
| 17 | Jharkhand | +91-651-2446923 | dmjharkhand@ gmail.com | https://www.jharkhand.gov.in/home |
| 18 | Karnataka | 080-22340676 080-22353980 | sodmrevenue@ gmail.com | https://ksdma.karnataka.gov.in/english |

| | | | | |
|----|----------------|----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 19 | Kerala | +91-471-2364424 | keralasdma@gmail.com | https://sdma.kerala.gov.in/ |
| 20 | Laddakh (UT) | +91-1982-251169 +91-1982-260887 260888 | igpladakh@gmail.com | https://leh.nic.in/document-category/disaster-management/ |
| 21 | Lakshadweep | +91-4896-263100 | controlroomkvt@gmail.com, lk-coll@nic.in, ldmaeoc@gmail.com | https://lakshadweep.gov.in/disaster-management/ |
| 22 | Madhya Pradesh | +91-755-2441419 +91-755-2527177 | reliefcom@nic.in | https://mpsdma.mp.gov.in |
| 23 | Maharashtra | +91-22-22027990 +91-22-22794229 | controlroom@maharashtra.gov.in; director.dm@maharashtra.gov.in | https://rfd.maharashtra.gov.in/en |
| 24 | Manipur | +91-385-2443941 +91-385-2443441 | ranjitoff@gmail.com | https://manipur.gov.in/?page_id=1649 |
| 25 | Meghalaya | +91364-2502098 | sdmadeptt007@gmail.com | https://msdma.gov.in/ |
| 26 | Mizoram | +91-389-2342520 +91-389-2335837 | mizoramdmr@gmail.com, dmr.gov@gmail.com | https://dmr.mizoram.gov.in/ |
| 27 | Nagaland | 0370-22911200 | sdma.nagaland@gmail.com, seoc.nsdma@gmail.com | https://nsdma.nagaland.gov.in/home |
| 28 | Odisha | +91-6742534177 | srcodishagov@gmail.com | https://www.osdma.org/?lang=en |

| | | | | |
|----|---------------|----------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 29 | Puducherry | +91-4132253407 | seoc.pon@nic.in, eocpdy@gmail.com | https://puducherry-dt.gov.in/disaster-management/ |
| 30 | Punjab | 0172-2740298 Civil CR- 2740397 2740936 2440035 +91-172-2720153 | sccr.pd2020@gmail.com | https://revenue.punjab.gov.in/?q=floodsnatural-calamities |
| 31 | Rajasthan | +91-1412227084 | relief-rj@nic.in | https://dmrelief.rajasthan.gov.in/# |
| 32 | Sikkim | +91-3592201145 | ssdma01@gmail.com | https://www.ssdma.nic.in/ |
| 33 | Tamil Nadu | 044-28593990 044-28414513 | tnstateeoc@gmail.com | https://www.cra.tn.gov.in/disaster.php |
| 34 | Telangana | 040-23454088 1079, 40-23454088 | instaxx@telangana.gov.in, commr_dm@telangana.gov.in | https://fire.telangana.gov.in/ |
| 35 | Tripura | +91-381-2416045 +91-381-2416241 | scrtripura@gmail.com | https://tdma.tripura.gov.in/ |
| 36 | Uttarakhand | +91-135-2710334 | seoc.dmmc@gmail.com | https://usdma.uk.gov.in/ |
| 37 | Uttar Pradesh | +91-522-2235083 | rahat@nic.in | https://upsdma.up.nic.in/ |
| 38 | West Bengal | +91-33-22143526 22141378(F) | wbdmeoc@gmail.com | http://wbdmd.gov.in/Pages/Default.aspx |

Annexure - V

List of State Disaster Management Authorities

| S. No. | States | Office Address | Email | Contact No. |
|--------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------|
| 1 | Andhra Pradesh | Andhra Pradesh State Disaster Management Authority D.No:21/2B Pathuru Cross Road Centre Kunchanpalli (PO) Tadepalli Mandal Guntur District Andhra Pradesh-522501 | commr_relief_rev@ap.gov.in | 0863-2377099 0863-2377105 |
| 2 | Arunachal Pradesh | Directorate of Disaster Management Daying Ering Colony Itanagar -791111 | dcitanagar@gmail.com, dani.salu@gov.in danisulu@gmail.com | 0360-2215581 |
| 3 | Assam | Assam State Disaster Management Authority Ancillary Block, Janata Bahawan Dispur Guwahati-781006 | sdma-assam@gov.in, statedmcontrolroomassam@gmail.com | 0361-2237221 |
| 4 | Bihar | Bihar State Disaster Management Authority Sardar Patel Bhawan 5 th Floor, D & E Block Nehru Path (Bailey Road) Patna, Bihar-800023 | info@bsdma.org | 0612- 2547232 |
| 5 | Himachal Pradesh | Himachal Pradesh State Disaster Management Authority Disaster Management Cell, HP Secretariat, Shimla -171002 | sdma-hp@nic.in | 0177-2880321, 2880320, 2621022 |
| 6 | Jharkhand | Disaster Management Authority, T. A. Division Building Near Gol Chakkar, Dhurwa, Ranchi, Jharkhand - 834004 | dmjharkhand@gmail.com, sec-home-jhr@nic.in, | 0651- 2400220, 2400700 |

| | | | | |
|----|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 7 | Karnataka | Revenue Department (Disaster Management) Karnataka State Natural Disaster Monitoring Centre, Major Sandeep Unnikrishnan Road, Near Attur Layout, Yelahanka, Bangalore - 560 064 | secy.dm@gmail. com director@ ksndmc.org, dmc. kar@gmail.com | 080- 67355000, 22032995 22032495 |
| 8 | Kerala | Kerala State Disaster Management Authority, Observatory Hills, Vikas Bhavan P.O. Kerala, Thiruvananthapuram- 695033 | seoc.gok@gmail. com, Keralasdma@ gmail.com, sdma. kerala.gov.in commissioner dmkerala@gmail. com | 471-2364424 2778888 |
| 9 | Madhya Pradesh | Madhya Pradesh State Disaster Management Paryavaran Parisar E-5, Arera Colony, Bhopal-462016 | secyhomep@ mp.gov.in, ed@ mp.gov.in, dmi@mp.gov.in reliefcom@mp.nic. in, mpstatecoord. sdma@mp.gov.in | - |
| 10 | Manipur | Directorate of Relief & Disaster Management, Babupara, DC complex, Imphal West, Manipur-795001 | seocmanipur@ gmail.com cs-manipur@nic.in, secymanipurdm@ gmail.com | 0385-2451144 , 2450064 |
| 11 | Meghalaya | State Disaster Management Authority, Meghalaya, Shillong-793001 | comsecy.sg.gom@ gmail.com, sdmadeptt-meg @gov.in, | 0364-2223509 |
| 12 | Mizoram | Disaster Management & Rehabilitation P.O Vaivakawn, Chawnpui Aizawl - 796009 | mizoramdmr@ gmail.com, secydmr123@ gmail.com | 0389 2342520 |

| | | | | |
|----|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------|
| 13 | Nagaland | Nagaland State Disaster Management Authority, Civil Secretariat Kohima-797001 | sdma.nagaland@gmail.com, nsdma.nagaland@gmail.com | 0370-2270050 |
| 14 | Odisha | Odisha State Disaster Management Authority Rajiv Bhawan Unit V, Odisha Bhubaneswar-751001 | osdma@osdma.org, md@osdma.org | 0674-2395398, 2395531 |
| 15 | Sikkim | Sikkim State Disaster Management Authority, Land Revenue and Disaster Management Department, Tashiling Secretariat, Block-B Gangtok, Sikkim- 737101 | directorssdma@gmail.com | 03592201145 |
| 16 | Tamil Nadu | Tamil Nadu State Disaster Management Authority, Ezhilagam, Chepauk, Chennai-600005 | tnsdma.director@gmail.com tnsdma@tn.gov.in | 044-28528745, 044-28523299 |
| 17 | Tripura | Tripura Disaster Management Authority 1 st Floor, New Capital Complex, Secretariat, Tripura Agartala-799001 | secydws.sanitation2023@gmail.com | 0381 241 3357, 2418053, 2416045 |
| 18 | Uttar Pradesh | UPSDMA, Pick up Bhawan, Vibhuti Khand, Gomtinagar Uttar Pradesh-226001 | upsdma@gmail.com | 0522-2306882, 2306823, 2723950, |

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|----|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| 19 | Delhi | Delhi Disaster Management Authority (DDMA) 5, Sham Nath Marg Prema Kunj, Civil Lines Delhi, 110054 | specialceo-dm@delhi.gov.in singh.sushil@gov.in | 23930611, 23928860, 011- 23936477 |
| 20 | Lakshadweep | Kavaratti UT of Lakshadweep Kavaratti -682555 | secretary-utl1@utl.gov.in ldmaeoc@gmail.com | 4896263725 |
| 21 | Gujarat | Gujarat State Disaster Management Authority Block No. 11, 5 th Floor, Udyog Bhawan Sector-11 Gandhinagar- 382011 | ceo@gsdma.org info@gsdma.com | 079--23259276, 23259275 23259302 23259246 |
| 22 | Puduchery | I -Floor, New Revenue Complex,Vazhudavoor Road, Pettaiyanchathiram Puducherry- 605 009 | dcrev.pon@nic.in | 0413-2299502 |
| 23 | Punjab | Department Revenue Rehabilitation and Disaster Management 3 rd Floor, Punjab Civil Secretariat-1, Sector 1 Chandigarh - 160001 | fcr@punjab.gov.in | 0172-2743854 |
| 24 | Uttarakhand | Uttarakhand State Disaster Management Authority 36, IT Park, Dehradun Uttarakhand-248001 | usdmauttara khand@gmail.com | 0135-2710334 0135-2659850 |
| 25 | Goa | Goa State Disaster Management Authority Administrative Block Secretariat, Alto-Porvorim Goa-403501 | sdma.goa.gov.in, cs-go@nic.in | 0832- 2419550,0832 2419446 |

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|----|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------|
| 26 | West Bengal | West Bengal Disaster Management & Civil Defence Department Nabanna, 2 nd Floor, 325 Sarat Chatterjee Road Mandirtala, Shibpur, Howrah -711102 | ps.dmd-wb@nic.in, secrelief@wb.gov.in | 2214-3674 |
| 27 | Andaman & Nicobar Islands | Directorate of Disaster Management Anticorruption Building 2nd Floor, Link Road Goal Ghar Port Blair 744 101 | ddm.and@nic.in, dirdmani@gmail.com | 03192- 241774 |
| 28 | Chandigarh | UT of Chandigarh Estate Office Building Sector 17 Chandigarh-160017 | dc-chd@nic.in | 0172-2700109 |
| 29 | Leh -Ladakh | Ladakh Disaster Management Authority, Civil Secretariat, Leh-Ladakh Pin-194101 | admsecyut@gmail.com | 01982-255567 |
| 30 | J & K | Civil Secretariat Srinagar-190008 | dmrrr-sec@jk.gov.in | 0191- 2545535, 2545725(Jammu) 0194-2506462, 2506418 (Srinagar) |
| 31 | Telangana | Telangana Disaster Response Fire Services O/o Director General Telangana Disaster Response and Fire Services, Beside IRDA Nanakramguda Financial District, Hyderabad Telangana-500032 | dg-fireservices@telangana.gov.in, | |

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|----|-------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| 32 | Rajasthan | Disaster Management Relief & Civil Defence of Secretariat, Jaipur-302005 | relief-rj@nic.in | 0141-2227084 |
| 33 | Maharashtra | Maharashtra State Disaster Management Authority Room No. 101 1 st Floor Main Building, Mantralaya Mumbai-40032 | director.dm@maharashtra.gov.in | |
| 34 | Haryana | Haryana, Revenue & Disaster Management Department Room No. 429, 4 th Floor, New Haryana Secretariat, Sector-17 Chandigarh-160017 | secretaryrevenue2@gmail.com | 0172-2704453 |

Annexure - VI

List of important institutions and suggestive sites for field visit

| Organisation | Address | Contact number(s) | Email | Website |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| National Disaster Management Authority | NDMA Bhawan, A-1 Safdarjung Enclave New Delhi - 110029 | +91-11-26701700 | controlroom@ndma.gov.in | https://ndma.gov.in/ |
| National Institute of Disaster Management | NIDM, Delhi Plot No. 15, Pocket-3 Block-B, Sector-29 Rohini, Delhi – 110042 NIDM, Vijayawada (South Campus) Kondapavaluru Village Gannavaram Mandal Krishna District Andhra Pradesh 521212 | 011-20873412 | info[dot]nidm[at]nic[dot]in | https://nidm.gov.in/ |
| Geological Survey of India (GSI) | 27 Jawaharlal Nehru Road, Kolkata 700016 West Bengal (gsi.gov.in) | Tel: 033-2252 1779 / 033-2252 1714 | nmh4@gsi.gov.in (lands-slides nodal) (bhusanket.gsi.gov.in) | https://www.gsi.gov.in |
| India Meteorological Department (IMD) | Mausam Bhawan Lodi Road New Delhi - 110003 | Tel: 011-24344253 / 011-24344599 | ananda.das@imd.gov.in (and duty-officer cyclone: cyclonewarningdivision@gmail.com) (Mausam) | https://mausam.imd.gov.in |
| Indian National Centre for Ocean Information Services (INCOIS) | “Ocean Valley” Pragathi Nagar (BO) Nizampet (SO) Hyderabad - 500090 Telangana | Tel: +91-40-23886000 | webmaster@incois.gov.in (incois.gov.in) | https://www.incois.gov.in |

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|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Wadia Institute of Himalayan Geology (WIHG) | 33 GMS Road Near Ballapur Chowk, Dehradun 248001/248171 Uttarakhand | Tel: +91-135-2525555 also +91-135-2525109 | director@ wihg.res.in / registrar@ wihg.res.in (wihgnew. wihg.res.in) | https://www.wihg.res.in |
| Indian Institute of Remote Sensing (IIRS) | 4 Kalidas Road, P.O. Box No 135, Dehradun - 248001, Uttarakhand | Tel: +91-135-2524103 | director@iirs. gov.in (iirs. gov.in) | https://www.iirs.gov.in |
| Survey of India (SOI) | O/o The Surveyor General of India Post Box No. 37 Survey of India, Hathibarkala Estate Dehradun – 248001 (Uttarakhand) | Tel: +91-135-2743331 +91-135-2744064 | helpdesk. soi@gov.in | https://www.surveyofindia.gov.in |
| Indian Space Research Organisation (ISRO) | Headquarters: Antariksh Bhavan New BEL Road Bengaluru – 560 094 (Karnataka) | +91 80 22172119 | isropr[at] isro[dot] gov[dot]in | https://www.isro.gov.in |
| National Remote Sensing Centre (NRSC) | Balanagar Hyderabad, Telangana (Head office) | 04023879572 9573/9574 | feedback@ nrsc.gov.in | https://www.nrsc.gov.in |
| Central Water Commission (CWC) | 3 rd Floor (South) Sewa Bhawan R.K. Puram, Sector-1 New Delhi – 110066 | +91-11-26187232(0) | secy-cwc[at] nic[dot]in | https://cwc.gov.in/en/ |
| Smritivan Earthquake Memorial and Museum | Bhujio Dungar, Bhuj Kutch – 370020 Gujarat | Tel: +91-635-719-9991 | smritivankut@ gmail.com | https://www.smritivanearthquakemuseum.com |
| 8 th Battalion NDRF | Kamla Nehru Nagar Ghaziabad(UP) Pin - 201002 | 0120-2766618 | up08-ndrf[at] nic[dot]in | NA |

Glossary

- **BIS:** Bureau of Indian Standards
- **CBRN:** Chemical, Biological, Radiological and Nuclear
- **CPR:** Cardiopulmonary Resuscitation
- **CWC:** Central Water Commission
- **DDMA:** District Disaster Management Authority
- **DEOC:** District Emergency Operations Centre
- **GSI:** Geological Survey of India
- **HEI:** Higher Education Institution
- **HVCR:** Hazard, Vulnerability, Capacity and Risk
- **IEC:** Information, Education and Communication
- **IHIP:** Integrated Health Information Platform
- **IMD:** India Meteorological Department
- **INCOIS:** Indian National Centre for Ocean Information Services
- **IRS:** Incident Response System
- **ISRO:** Indian Space Research Organisation
- **NCC:** National Cadet Corps
- **NDMA:** National Disaster Management Authority
- **NDRF:** National Disaster Response Force
- **NIDM:** National Institute of Disaster Management
- **NSS:** National Service Scheme
- **ORS:** Oral Rehydration Solution
- **SAFAR:** System of Air Quality and Weather Forecasting and Research
- **SDG:** Sustainable Development Goals
- **SDMA:** State Disaster Management Authority
- **UMANG:** Unified Mobile Application for New-age Governance
- **WASH:** Water, Sanitation and Hygiene



Resilient India - Disaster free India

National Institute of Disaster Management

(Ministry of Home Affairs, Government of India)

Plot No. 15, Pocket 3, Block B, Sector 29, Rohini, Delhi 110042
Website : <https://nidm.gov.in>

Website: <https://nidm.gov.in>



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