



Training Program  
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# DISASTER PREPARDNESS AND RESPONSE IN HEALTHCARE FACILITIES

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For Medical Officers of PHCs/CHCs

Date- 12<sup>th</sup>-13<sup>th</sup> February, 2026

Venue: GIDM, B/h PDEU, Raysan, Gandhinagar, Gujarat



## 1. Background

Healthcare facilities are the backbone of community resilience during emergencies. However, disasters often result in structural damage, equipment failure, and a surge in patient volume that can paralyze healthcare delivery. Beyond physical infrastructure, disasters disrupt essential services like water and power, putting immense strain on the ability of healthcare workers to provide life-saving care.

Gujarat's geographical profile makes its health system vulnerable to intensifying cyclones, floods, and extreme heatwaves. Ensuring that Primary Health Centers (PHCs) and Community Health Centers (CHCs) remain functional during these events is critical for population well-being. This training focuses on moving from reactive response to proactive preparedness, ensuring that healthcare leadership can maintain service continuity and minimize the impact of disasters through systematic planning and risk reduction.

## 2. Goal

To empower healthcare facility leadership with the tools and knowledge required to conduct risk assessments, implement safety standards, and develop actionable Hospital Disaster Management Plans (HDMP) to ensure uninterrupted service delivery during climate-induced and other hazards.

## 3. Objective

At the end of the training, participants will be able to:

- Perform **Hazard, Vulnerability & Risk Analysis (HVRA)** to identify facility-specific threats.
- Implement the **Hospital Incident Command System (HICS)** and Standard Operating Procedures (SOPs) for mass casualty management.
- Apply **National Disaster Management Guidelines** for structural and non-structural safety.
- Draft a preliminary **Hospital Disaster Management Plan (HDMP)** tailored to their facility's unique geographical and resource context.

## 4. Pre-requisite

There are no formal pre-requisites for this training course, but prior knowledge of the Basics of Disaster Risk Management (DRM) and familiarity with facility-level operations (PHC/CHC) will be beneficial.

## 5. Expected Learning Outcome

After completing the training program, participants will be able to:

- **Identify Risks:** Systematically map local hazards to hospital vulnerabilities using HRVCA tools.
- **Organize Response:** Establish a clear command structure using HICS to manage hospital resources during a crisis.
- **Ensure Infrastructure Safety:** Conduct audits for non-structural safety (e.g., securing medical supplies/equipment) to prevent secondary injuries.

- Operationalize Plans: Transition from theoretical knowledge to a practical, facility-specific Hospital Disaster Management Plan (HDMP) ready for implementation.

## 6. Targeted Participants

The program is specifically designed for the following professionals:

- Facility Leadership: Medical Officers in Charge (MOICs), and other officers

## 7. Training Pedagogy

The training will be held at the Gujarat Institute of Disaster Management (GIDM), facilitated by Subject Matter Experts (SMEs) from Govt. of Gujarat, GIDM, NDMA and UNICEF. The pedagogy includes active learning techniques such as:

- **Interactive Presentations & Case Studies:** Reviewing real-world disaster impacts on Gujarat's health infrastructure.
- **Practical Exercises:** Hands-on mapping of hazards to facility vulnerabilities.
- **Group Activity:** A dedicated workshop session for participants to draft their own facility's HDMP outline.
- **Simulations & Drills:** Briefing on fire safety and mass casualty triage protocols.

Further, pre- and post-training assessments will be conducted to monitor learners' progress and identify areas for ongoing support in plan implementation.

## 8. Training Certificate

A Certificate of Participation will be awarded to participants who attend all sessions and actively participate in the HDMP drafting exercise during the 2-day training program.

## 9. Schedule of Programme

Training Agenda: Healthcare facility (PHC, CHC) hazard preparedness and response workshop

### Day-1 (12<sup>th</sup> February 2026): Foundations of Hospital Safety & Disaster Preparedness

Time	Session Title & Content
09:00 – 10:30	<b>Registration &amp; Breakfast</b> Participants' registration and welcome breakfast.
10:30 – 11:00	<b>Inaugural Session</b>  Welcome and Introduction by NHM/GIDM/UNICEF officials. Setting the Context: Importance of Hospital Safety in Gujarat's Climate and Disaster Landscape.
11:00 – 12:00	<b>Session 1: Hazard, Vulnerability &amp; Risk Analysis (HVRA)</b> <ol style="list-style-type: none"> <li>1. Basic Concepts of Disaster Risk Management (Hazard, Risk, Vulnerability, Capacity, Disasters, Disaster Risk Management)</li> <li>2. Practical exercise: Mapping hazards to hospital vulnerabilities (HRVCA)</li> </ol> <i>Facilitator: GIDM &amp; UNICEF</i>

<b>12:00 – 12:15</b>	<b>Tea Break</b>
12:15 – 13:15	<b>Session 2: Overview of the Hospital Safety Guidelines</b> <ul style="list-style-type: none"> <li>• Introduction to the National Disaster Management Guidelines on Hospital Safety (NIDM).</li> <li>• Understanding the "All-Hazard Approach" and its relevance to hospital preparedness.</li> <li>• Current Status of Hospital Preparedness- Key issues and Challenges (Discussion)</li> </ul> <p><i>Facilitator: NDMA, New Delhi</i></p>
<b>13:15 – 14:00</b>	<b>Lunch</b>
14:00 – 15:00	<b>Session 3: Hospital Emergency Preparedness</b> <ul style="list-style-type: none"> <li>• Actionable steps to prepare the hospital and staff when a hazard warning is issued (e.g., securing assets, activating response teams, preparing critical supplies).</li> <li>• Establishing checklists and protocols for different hazard types (e.g., cyclone, flood, heat, earthquake, fire).</li> <li>• Mass casualty Management</li> </ul> <p><i>Facilitator: Dr. Chirag Patel</i></p>
<b>15:00 – 15:15</b>	<b>Tea Break</b>
15:15 - 16:15	<b>Session 4: Hospital Emergency Response, HICS &amp; SOPs</b> <ul style="list-style-type: none"> <li>• Introduction to the Hospital Incident Command System (HICS) for a coordinated response.</li> <li>• Developing Standard Operating Procedures (SOPs) for key functions like mass casualty triage, patient management, and communication.</li> </ul> <p><i>Facilitator: Ms. Vandana Chauhan,</i></p>
16:15 - 17:15	<b>Session 5: Structural &amp; Non-Structural Safety in Hospitals</b> <ul style="list-style-type: none"> <li>• Key considerations for ensuring the physical (structural) resilience of hospital buildings.</li> <li>• Participants will gain an understanding on how to ensure non-structural elements (e.g., equipment, medical supplies, furniture) are secured to prevent secondary damage and injuries.</li> </ul> <p><i>Facilitator: GIDM &amp; UNICEF</i></p>

## Day-2 (13<sup>th</sup> February 2026): Implementation & Practical Application

<b>Time</b>	<b>Session Title &amp; Content</b>
09:00 –10.00	<b>Breakfast</b>
10.00 - 11.30	<b>Session 7: Developing a Hospital Disaster Management Plan (HDMP)</b> <ul style="list-style-type: none"> <li>• Core components of a comprehensive HDMP: Preparedness, Response, Recovery, and Mitigation.</li> <li>• Roles and responsibilities of hospital staff during a disaster.</li> </ul> <p><i>Facilitator: Dr. Mahendra Chavda, RMO, Rajkot (Retd.)</i></p>
<b>11:30 - 11:45</b>	<b>Tea Break</b>

11:45 - 13:30	<b>Group Activity: Drafting a Hospital Disaster Management Plan Outline</b> <ul style="list-style-type: none"> <li>Hospital Safety Disaster Management Plan: Key components and Standards (with a case study)</li> <li>Participants work in groups (based on their hospital's location and vulnerabilities) to draft a preliminary HDMP outline.</li> <li>Presentation of group work and peer feedback.</li> </ul> <p><i>Facilitator: Ms. Vandana Chauhan/UNICEF/GIDM</i></p>
<b>13:30 - 14:00</b>	<b>Lunch Break</b>
14:00 -14.45	<b>Community Engagement for Hospital Preparedness</b> <ul style="list-style-type: none"> <li>Hospitals as community anchors—how to communicate risks, mobilize volunteers, and engage citizens in preparedness</li> </ul> <p><i>Facilitator: Ms. Pragya Sharma</i></p>
14:45 - 15:45	<b>Session 8: Fire Safety</b> <ul style="list-style-type: none"> <li>Provisions for fire safety in a hospital with a case study and a drill</li> </ul> <p><i>Facilitator: Gujarat State Fire Academy</i></p>
<b>15.45 - 16:00</b>	<b>Tea Break</b>
16.00-16.45	<b>Open Discussion &amp; Way Forward</b> <ul style="list-style-type: none"> <li>Q&amp;A session with experts and trainers.</li> <li>Developing a plan for implementing the HDMP in their respective hospitals.</li> </ul> <p><i>Facilitator: UNICEF/GIDM</i></p>
16:45 –17.00	<b>Valedictory Session</b> <ul style="list-style-type: none"> <li>Concluding remarks and distribution of certificates.</li> </ul> <p><i>Facilitator: UNICEF/GIDM</i></p>