

Background

Disaster Risk Reduction involves policies, strategies, and actions aimed at reducing the vulnerability of communities and enhancing their capacity to cope with and recover from disasters.

It is universally accepted that the pre-disaster planning and preparedness reduces disaster risk and its impact. DM policies, plans and procedures constitute a road map that is prepared during normal times for achieving reduction in disaster risks. It is however not prudent to wait for disasters to gauge the efficacy of these policies, plans and procedures. Disasters require a coordinated and unified response by all the stakeholders. The multitude of stakeholder ministries, departments and agencies make this process complex and difficult. The 'whole-of-government' has to come together to address the needs of the affected communities during and after the disaster. There is a need for all stakeholders to fully understand each other's roles, responsibilities and capabilities so that there is greater cohesion in response to disasters.

DM Plans also outline the role and responsibilities of various stakeholders. They lay down actions and procedures for various contingencies. These too need to be updated periodically. The capabilities of the stakeholders too evolve with time and have to keep pace with the current disaster risks. An evaluation of the response capabilities will dictate the training needs of different stakeholders. Identification of the gaps in essential resources will lead to targeted capacity building of stakeholders. For effective response, senior leadership needs to practise decision making under pressure and the various stakeholders have to practise their skills. This has to be done progressively and in a realistic environment before a disaster strikes.

The Incident Response System (IRS) is an effective mechanism for reducing the scope for ad-hoc measures in response. It incorporates all the tasks that may be performed during response irrespective of their level of complexity. Disaster Management Exercises is one of the way in reinforcing this knowledge, practising in a realistic environment and promoting inter-agency coordination and cooperation. The brainstorming sessions in the form of exercises should be conducted regularly to continuously improve our DM policies, plans, procedures, capabilities and capacity for an overall Disaster Risk Reduction

In view of the paradigm shift from Managing Disasters to Managing Disaster Risk, it is essential that all stakeholders must be prepared for an unforeseen event. Preparedness is the key for effective disaster response & relief. To strengthen technical and logistical capacities to ensure better response in emergencies, it is essential that the existing Govt. functionaries must be trained in disaster response.

Why Training on IRS

The existing system could face several challenges in disaster response, which can hinder effective response and preparedness efforts. These challenges could typically arise from systemic, structural or operational issues. Some of the challenges could be;

- Insufficient allocation of resources such as emergency personnel, equipment and funding
- Lack of maintenance and readiness of emergency response infrastructure
- Inadequate involvement of local communities in preparedness and response planning
- Limited reach of warnings to remote and vulnerable populations
- Ineffective inter-agency & intra agency collaboration leading to overlapping roles and gaps in response

Objectives of the Program

The programme has following objectives:

- To develop knowledge & skills required for Effective & Coordinated Response.
- To develop a sound understanding about Incident Response System (IRS)
- To provide clarity on roles and responsibilities of officials working in various capacities
- To enhance the knowledge of officials in resource management during disaster situations
- To encourage functioning of well-coordinated response system
- To promote strengthening of communication and information system
- To improve inter-agency & intra-agency coordination mechanism.

Pre-requisite

There are no pre-requisites for this training course, but prior knowledge on basics of Disaster Risk Management may be beneficial.

Expected Learning Outcome

The expected outcome after completion of the program would be:

- Increased understanding of key tasks in disaster response and roles & responsibilities of key personnel within the system.
- Enhanced competency in undertaking key preparedness activities during normal times
- Improvement in learning on efficient management of resources such as personnel, equipment, and supplies during incidents, ensuring effective deployment to address the situation at hand.
- Increased understanding on communication skills essential for conveying information during inter-agency & intra-agency coordination.

Target Participants

The program is targeted for the following officials /representatives;

- **Mamlatdar Disaster/Dy. Mamlatdar Disaster** of each district

- **Emergency Responders** (Police, Fire, 108)
- **Armed forces** (Army, Air Force, Navy and Coast Guard)
- **NDRF & SDRF**

Training Pedagogy

The training will be held at Seminar Hall, GIDM, facilitated by Subject Matter Experts (SME). The training will include active learning techniques such as presentations, group discussions, interactive exercises, case studies, simulations, exposure visits and hands on experience which will encourage participants to engage actively with the training content

Further, quizzes, tests and skill demonstration will also be included in the program for monitoring learners' progress, identifying areas for improvement, and reinforcing learning outcomes.

Training Certificate

Certificate of participation will be given to participants who attend all the sessions during the 2-days training program.

Tentative Schedule of the Program

Day – 1 : 23 rd Dec 2024			
Time	Session	Session Details/ Objectives	Resource
9.30-10.00	Registration	<ul style="list-style-type: none"> Online registration of participants Training kit distribution Facility briefing Safety briefing 	GIDM
10.00- 10.15	Pre-Test & Introduction of Participants	<ul style="list-style-type: none"> 15 Question online Test on DRR Ground rules of the training Introduction of participants 	GIDM
10.15-10.30	About GIDM	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> History & Establishment of GIDM Governance mechanism Core areas of GIDM Programs and Achievements 	GIDM
10.30-11.30	Overview on Basics of Disaster Risk Management	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> Understanding 'Disaster Risk' through Hazards, Exposure, Vulnerability and Capacity components Explain that disasters are NOT natural and need for intervention and planning Disaster Management Cycle Conceptual framework of Disaster Risk Reduction 	GIDM
11.30 -11.45	Tea break		
11.45-12.30	Emerging trends in Extreme Weather Events: A New Era of Disasters	At the end of the session participants would be able to understand <ul style="list-style-type: none"> Climate change & global warming impacts Emerging trends in climate related hazards Risks in changing climatic conditions Impact of extreme weather events 	GIDM
12.30-13.15	From Alerts to Action: Early Warning Innovations for Transforming Preparedness and Disaster Response	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> Early warning mechanism for cyclone, flood, flash flood, heatwave, lightning etc. CAP alerts Last mile early warning dissemination Mapping of expected damage through early warnings 	IMD