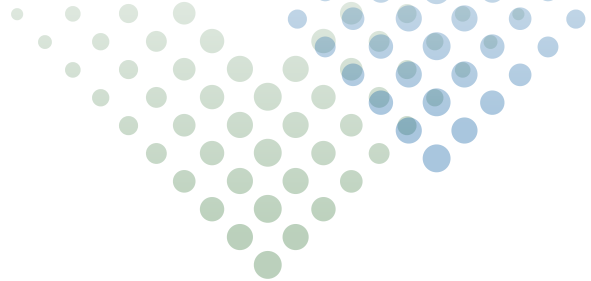


Capacity Building Programme on

# **Chemical, Biological, Radiological, Nuclear & Explosives (CBRNE) Crisis Management**





## Background

Gujarat, renowned for its vibrant industrial landscape and strategic geographical location, has witnessed a significant surge in industrialization over the years. The remarkable industrialization of Gujarat has been accompanied by heightened awareness of the intricate equilibrium between economic advancement and the potential hazards posed to human well-being and the environment. The state's industries, ranging from chemical manufacturing to critical infrastructure, operate with a continuous awareness of the imperative to maintain safety and security.

In today's dynamic global landscape, where security threats are not confined to conventional boundaries, the state's preparedness to respond to Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) emergencies has become a matter of paramount importance. Ensuring the safety and resilience of communities in the face of CBRNE incidents, whether accidental or intentional, is a shared responsibility that requires a specialized and coordinated response.

The First Responders including SDRF, police, health workers, fire services, and other emergency response teams, plays a crucial role in addressing a wide range of disasters, including chemical and industrial incidents. Gujarat's vibrant industrial sectors and economic growth present unique challenges related to CBRNE risks. To enhance the preparedness and response capabilities of these first responders, there is a critical need for specialized training on CBRNE emergencies.

Therefore, Gujarat Institute of Disaster Management (GIDM), in collaboration with National Institute of Disaster Management (NIDM), is organizing a three-day capacity-building program on CBRNE Crisis Management to enhance the preparedness and response capabilities of first responders, ensuring they are equipped to handle CBRNE emergencies effectively and safeguard the well-being of communities and the environment.

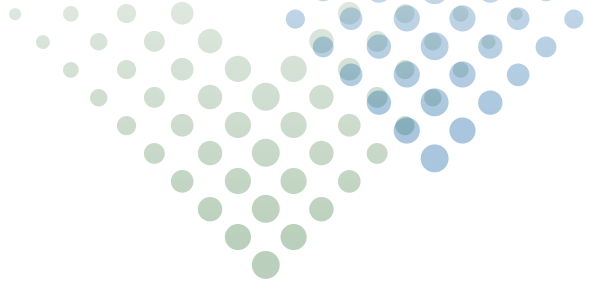
## Why Build the Capacity?

The surge in industrial activities in Gujarat, including petrochemicals, manufacturing, and pharmaceuticals, underscores the importance of preparedness for CBRNE emergencies. Additionally, the evolving global security landscape highlights the need for preparedness to handle CBRNE threats, whether accidental or intentional.

Gujarat also hosts a nuclear power plant at Kakrapar and heavy water plants. The use of radiation-related technology in health services poses a potential risk for accidents that can cause casualties. The Mayapuri radiological incident in 2010 serves as a stark reminder of the possible consequences of radiological accidents. Therefore, training that focuses on nuclear and radiological emergencies is critically needed.

The training aims to provide responders with the expertise to effectively assess, respond to, and mitigate CBRNE emergency. This training is essential to ensure that first responders can swiftly and proficiently respond to CBRNE incidents, safeguarding lives, property, and the environment.





## Learning Objectives

- Equip first responders with knowledge and skills to respond effectively to CBRNE incidents.
- Familiarize responders with CBRNE detection and monitoring equipment for quick threat assessment.
- Conduct practical exercises and simulations to reinforce knowledge and response capabilities.
- Train participants in personal and collective protection measures, emphasizing PPE and decontamination.

## Target Participant

- SDRF personnel responsible for responding to a wide range of disasters.
- Police officers involved in emergency response and public safety.
- Medical professionals, including doctors and paramedics, who provide immediate care in emergencies.
- Fire services personnel trained to manage hazardous materials and fire-related incidents.
- Hazardous materials (HAZMAT) teams

## Program Coverage

The training program on CBRNE Crisis Management aims to enhance the capacity of first responders, ensuring they are well-prepared to effectively manage and respond to CBRNE incidents. It intends to provide comprehensive knowledge on CBRNE threats, improve practical response skills, and foster coordination among various emergency response agencies.

## Key Topics

- Overview of CBRNE threats
- Regulatory aspects and response mechanisms
- Incident command system for CBRNE emergencies
- Medical first response and decontamination procedures
- Hands-on-Exercise





## FACULTY

The faculty would be from DAE, NDMA, NIDM, GIDM, BARC, ICMR, KAPS, and subject-matter experts.

## Program Details

Date : 18-20 July, 2024  
Duration : 3 Day  
Venue : GIDM, Gandhinagar

**Registration :** Interested participants may register for the program by scanning the provided QR Code.



**No Course Fee**

**Limited Seats Available**





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