GUJARAT
INSTITUTE OF
DISASTER
MANAGEMENT
BUILDING RESILIENCE

सत्यमेव जयते

A One –day Certificate Program on
'Medical Preparedness and Response in Chemical Emergencies'
Date: 26 June 2025
Venue: IMA Vadodara

Time	Topic	Objectives	Resource Persons(s)
09.30 – 10:00	**Registration**	**Registration**	GIDM
10:00 – 10:15	**Introduction & Pre-Test**	• Welcome and Introduction • Pre-Test of Participants	GIDM
10:15 – 10:30	**Organ Donation**	Awareness on Organ Donation	Mr. Nikhil Vyas, General Manager, K D Hospital
10:30 – 11:30	**Understanding Common Chemical Incidents**	• Types and characteristics of common chemical incidents • Four basic injury mechanisms: fire, explosion, toxicity, and traumatic events • Hospital preparedness and safety in chemical emergencies	Dr. Amit Patel, General Manager Medical, Lonsen Kiri Ltd.
11:30 – 11:45	*Tea Break*		
11:45 – 13:00	**Antidotes and Medical Countermeasures**	• Overview of available antidotes for common chemical exposures • Administration protocols and dosage • Role and functions of Poison Information Centre • Coordination with trauma centers for chemical emergencies	Dr. Tejas Prajapati, Medical Toxicologist, Associate Professor, Narendra Modi Medical College, L G Hospital
13:00 – 14:00	*Lunch*		
14:00 – 15:15	**Medical First Response during Chemical Emergencies**	• Medical first response in exposure to toxic chemicals release and Fire explosion • Concepts, resources, and functions of detection, protection & decontamination • Role of civil 'hazmat' services in medical emergencies • Integrating trauma care into chemical emergency responses	Dr. Dinesh Prajapati, Chief Medical Officer, Reliance Industries Ltd.
15:15 – 16:30	**Occupational Health & Safety in Chemical Emergencies**	• Introduction to Occupational Health & Safety (OHS) principles • Legal Requirements • Workplace risk assessments and hazard control measures • Personal protective equipment (PPE) and its significance in chemical incidents • Case Study Discussion on First Response	Dr. Madhur Saxena, Corporate Head-Health Safety & Sustainability, Deepak Nitrite Ltd.
16:30 – 16:45	*Tea Break*		
16:45 – 17:00	**Valedictory**	• Post Test • Feedback	GIDM