

# Basic Training on CBRN Emergency Management for Seaport Emergency Handlers (SpEH)

Venue:Kandla Seaport

(10-14June 2019)

Sessions	I	II	T e a k	III	IV	L U N C H B R e a k	V	VI	T e a k	VII	VIII	
Day	10:00- 10:45	10:45 – 11:30		11:45-12:30	12:30- 13:15		14:00-14:45	14:45-15:30		15:30-16:15	16:15-17:00	
1. (10 June)	Inaugural Session (Registration of Participants will start at 09:15 am)  <i>IPA/Port</i>	Invited Talks  <i>Chairperson, IPA Dir. INMAS JS, NDMA</i>		CBRN Overview: DRDO contributions <i>Dr Tarun Sekhri Dir. INMAS</i>  Case Studies with focus on port vulnerability <i>Dr Aseem Bhatnagar INMAS</i>			Safe handling of chemicals & wastes <i>Bhavesh Madhavi, DPT</i> Security aspects at Large Industry complexes <i>Chief Security Officer, Jamnagar Refinery</i> Laws governing hazardous chemicals <i>Mr Samir Pandey, Asst Dir, Dock Safety, Kandla</i>			Petrochemical industry hazards <i>Chief Safety Officer, Jamnagar Refinery</i>  Toxic Industrial Chemicals & mitigation strategies at Seaport <i>Dr Aseem Bhatnagar, INMAS</i>		
2. (11 June)	Basics of radiation, types, properties, effects, units  NDMA/BARC  <i>Shri S.K.Garai, NDMA</i>	Monitoring, transport, packaging, contamination, control, decontamination rad waste. <i>Dr Nand Kumar ,Retd. AERB</i>		Medical-CBRN Safety framework in ports  <i>Doctor, Kandla Port</i>	Emergency, framework, roles and responsibilities, cordoning criteria, sizes  <i>Dr Nand Kumar ,Retd. AERB</i>		Radiation monitoring of Cargo load at Seaport  <i>Shri Suresh Babu, ECIL</i>	Safety & Regulatory aspects of radiological emergency management in Seaport <i>Dr Nand Kumar ,Retd. AERB</i>		Department, measuremen ts, limits, bio- effects, quantities, hazards, safety <i>Sudhirsinh Vala, IPR, Gandhinag ar</i>	Detection and search of radioactive source <i>Shi Mitul Abhangi , IPR, Gandhinag ar</i>	
3. (12 June)	Institutional framework For Disaster Management IRS & Pre-hospital  <i>Major Gen. V.K. Naik, NDMA</i>	Safe handling & transportation of Biological materials, Hazards & mitigation strategies and EM at Seaport  <i>Dr Reena Wilfred INMAS</i>		Psychosocial issues with CBRN emergencies  <i>Dr. Reena Wilfred, INMAS</i>  Decontamination Demonstration <i>Dr Dhruv Nishad, INMAS</i>			Decontaminatio n methodologies of CWAs/BWAs/RAs  <i>Dr Dhruv Nishad INMAS</i>	Institutional framework For Disaster Management: hospital  <i>Dr Aseem Bhatnagar INMAS</i>		Medical Management of CBRN Emergency  <i>Dr Aseem Bhatnagar, INMAS</i>		
4. (13 June)	(i) NDRF Role and response mechanism in CBRN EM (ii) SDRF role & response in CBRN EM (iii) Coordination Conference with stakeholders involved in Seaport Safety  <i>NDMA, NDRF, SDRF, INMAS (Mr Vinod Kaushik, Mr Pradeep Goswami)</i>			Table Top Exercise :Reviewing of Role of various Stakeholders / SpEH based on worst case scenario  <i>NDMA, NDRF, SDRF &amp; INMAS (Mr Vinod Kaushik &amp; Pradeep Goswami)</i>			Display of CBRN equipment and practical  <i>NDMA, NDRF&amp; INMAS (Pradeep Goswami/ Dhruv Nishad)</i>			Quiz/ Written test& Feedbacks  <i>NDRF, NDMA, INMAS</i>	Debriefing session  <i>NDRF, NDMA, INMAS</i>	
5. (14 June)	Mock exercise/ Sensitization  <i>NDMA, NDRF, Distt Admn, SDRF, INMAS</i>			Mock exercise/ Sensitization  (Cont.)  <i>NDMA,NDRF, SDRF</i>			Panel discussion <i>Expert Airforce stn, Dr G Rajesh Babu, GSFU, INMAS, NDMA, NDRF, IPA Reps</i>	Group Photo, Valedictory and Closing  <i>IPA</i>				

**Dr G Rajesh Babu : Gujarat Forensic Science University, Ahmedabad: 9429601439**