

Capacity Building Programme Schedule for PIU Engineers of Health Division

Dates: 11-12 March, 2024 (batch 1) & 15-16 March, 2024 (batch 2)

Target Participants: PIU- Engineers, Health Department & Municipal Corporations Health Division, across Gujarat

Time	Session	Speaker / Facilitator
Day-1: Hospital Fire Safety		
10:00-10:30	Registration & Welcome	GIDM
10:30-11:00	Concepts and Trends <ul style="list-style-type: none"> • Concept, terminologies, and trends of disaster risk reduction and management • Risk profile of Gujarat • Basics of DRM 	Mr. Piyush Ramteke, GIDM
11:00-11:20	<i>Tea/Coffee Break & Group Photo Session</i>	
11:20 -12:20	Hospital Construction Safety Checklist: Roles of PIU Engineers <ul style="list-style-type: none"> • Discussion on Hospital Safety and Resilient Development • Safety Checklists and Audits • Q&A 	Shri P M Chaudhary, PIU-Health Dept., NHM, GoG
12:20 -13:20	Design of Fire Safety Buildings: Life Safety Provisions <ul style="list-style-type: none"> • Discussion of NBC Part IV Section 4 • Discussion on Institutional Occupancy • Basics of Exit Types, Stair cases and calculation 	Shri Paresh Vyas, State Fire Advisor, Govt. of Gujarat
13:20-14:15	<i>Lunch Break</i>	
14:15-15:15	Technical Discussion on Fire Safety Audit	Shri Kaizad Dastoor, CFO and

	<ul style="list-style-type: none"> • Technicalities of Fire Safety Audit • Preparation and Evaluation of Fire Safety Checklist • Audit the Safety and Risk Assessment 	Divisional Officer, Gandhinagar
15:15-15:25	<i>Tea Break</i>	
15:25-16:10	Visit to Fire Laboratory (Field Visit) <ul style="list-style-type: none"> • Hands-on experience of the Operation of Fire Extinguishers and Search & Rescue Equipment • Demonstration on Rescue and Fire Fighting 	Dr Gaurav Srivastava, IIT- Gandhinagar
16:15 – 17:15	Design and Construction of Resilient Hospital <ul style="list-style-type: none"> • Structural Design and Standards • Planning and Construction of Resilient Building • Table top exercise & Discussion 	Dr. Manish Kumar, IIT- Gandhinagar
Day-2: Resilient Construction and Design		
09:00 -10:00	<i>Breakfast and Tea</i>	
10:00- 12:00	Maintenance and Safety Audits of Hospitals: Technical discussion and Visit to EQ Simulation Lab (Field Visit) <ul style="list-style-type: none"> • Maintenance Regulations • Safety Codes • Safety Audits 	Shri C S Shangvi, LDCE Ahmedabad
12:00-12:30	Visit to Centre for Advanced Research in Building Science and Energy Lab (Field Visit) <ul style="list-style-type: none"> • Practical Experience & Simulation: Environmental Impact of Structural Development 	CARBSE, CEPT University
12:30 – 13:30	Resilient Construction and Sustainable Buildings <ul style="list-style-type: none"> • Demonstration • Understanding of sustainable development, EIA • Return to GIDM 	Dr Yash Shukla, CARBSE, CEPT University
13.30 – 15:20	<i>Return to GIDM & Lunch</i>	

15:20 – 16:20	<i>Model Structure Design and Planning Exercise</i> (moderator- GIDM Coordinator) <ul style="list-style-type: none"> • Sketching and Mapping Model Infrastructure by participants • Group Presentation 	
16:20 – 16:30	<i>Tea Break</i>	
16:30 - 17:30	Wrap-up and closing <ul style="list-style-type: none"> • Discussion on Model Infrastructure • Discussion on Best Practices • Conclusion and Certificates/ Valedictory 	GIDM