

TENTATIVE SCHEDULE

‘A 2-Day Residential Training Programme

on

Building Resilient Health Infrastructures’

Date: 19th – 20th July, 2024

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

Time	Session	Speaker / Facilitator
Day-1: 19th July 2024		
10:00-10:45	Registration & Welcome	GIDM
10:45-11:45	Basics of Disaster Management <ul style="list-style-type: none"> Understanding Disaster Risk through Hazard, Exposure, Vulnerability & Capacity Disaster Management Cycle Conceptual Framework of Disaster Risk Reduction 	Mr. Shubham Daberao, RAPC - GIDM
11:45 -12:00	Tea/Coffee Break & Group Photo Session	
12:00 -13:10	Developing Resilient Infrastructure for Hospitals <ul style="list-style-type: none"> Effects of Hazards on Hospital Buildings Design considerations in Hospitals in Risk Zones Quality Control in Hospital Construction Maintenance of Critical Structural Components 	Dr. C. S. Shanghvi, Associate Professor, LDCE-Ahmedabad
13:10-14:10	Lunch Break	
14:10 - 15:15	Vulnerability Assessment of Hospital Buildings <ul style="list-style-type: none"> Overview of various Vulnerability Assessment Methodologies Rapid Visual Survey/Screening of Hospital Buildings Evaluation & Rating 	Dr. Hari Kumar, Regional Coordinator for South Asia, GeoHazards International
15:15 – 16:20	Strengthening Non-Structural Components <ul style="list-style-type: none"> Overview of Non-Structural Components Identification of Non-Structural Components in Hospitals Significance & Causes of Non-Structural Damages Non-Structural Risk Mitigation Measures for Various Hazards 	Dr. Ronak Motiani, Civil – School of Technology, PDEU

16:20 - 16:35	Tea Break	
16:35 - 17:30	Fire Risk Management in Hospitals <ul style="list-style-type: none"> • Techno-legal Framework for Risk Governance in Hospitals • Fire Prevention Mechanisms in Hospitals • Life-Safety & Fire Protection Measures • Patient Safety in case of Emergencies 	Shri Paresh Vyas, State Fire Advisor, Govt. of Gujarat
Day-2: 20th July 2024		
09:00 -10:00	Breakfast and Tea	
10:00 -11:30	Climate Resilient Health Infrastructures <ul style="list-style-type: none"> • Overview of Climate Change and its impacts on Health Infrastructure and importance of Monsoon Preparedness • Infrastructure Design and Reinforcement for Climate Resilience • Operational Preparedness and Response Planning 	Dr. Anurag Kandya, Associate Professor, Civil – School of Technology, PDEU
11:30 – 11:45	Tea Break	
11:45 – 13:00	Repair, Restoration of Hospital Buildings <ul style="list-style-type: none"> • Identification of Repair & Restoration Needs • Repair & Maintenance of Buildings • Restoration Methods • Retrofitting Techniques 	Dr. Manish Kumar, Associate Professor (Civil Engineering), IIT-Gandhinagar
13:00 – 14:00	Lunch Break	
14:30 - 15:30	Fire Demonstration <ul style="list-style-type: none"> • Hands-on experience of the Operation of Fire Extinguishers • Demonstration on Rescue and Fire Fighting 	GSFA Gandhinagar
15:30 – 16:20	Group Activity: Designing a Resilient Health Facility <ul style="list-style-type: none"> • Interactive Group Activity • Designing a Resilient Health Facility Using Provided Scenarios • Presentation of Group Designs 	GIDM
16:20 – 16:30	Tea Break	
16:30 - 17:00	Wrap-up and Closing <ul style="list-style-type: none"> • Post-Test & Feedback • Conclusion and Certificates • Valedictory Ceremony 	GIDM
