

Tentative Schedule

Day – 1: 11 th June 2025			
Time	Session	Session Details/ Objectives	Resource
8.30-10.00	Breakfast		
9.30-10.00	Registration	<ul style="list-style-type: none"> Online registration of participants Training kit distribution Facility briefing Safety briefing 	GIDM
10.00 – 10.30	Pre-Test & Introduction of Participants	<ul style="list-style-type: none"> 15 Question online Test on DRR Establishment of Ground rules Introduction of participants About GIDM 	GIDM
10.30-11.45	Understanding of Disaster Risk Management in the context of water sector	<p>At the end of the session participants would be able to understand:</p> <ul style="list-style-type: none"> Understanding ‘Disaster Risk’ through Hazards, Exposure, Vulnerability and Capacity components Policy & Governance in DRM Key principles of Disaster Risk Reduction (DRR) Emerging Trends in Disaster Management and Infrastructure Resilience 	Shri Nisarg Dave, Director (DM), GIDM
11.45-12.00	Tea break		
12.00 -13.15	Understanding on Disaster Resilient Water Infrastructure	<p>At the end of the session participants would be able to understand:</p> <ul style="list-style-type: none"> Resilient Infrastructure-Concepts & trends Overview of water infrastructure and their vulnerabilities Impact of climate change on water infrastructure Cascading effect on population due to risk associated with service interruptions 	Dr. Mukesh Joshi, Ex Chief Engineer, SSNNL and Consultant-GIDM
13.00-14.00	Lunch break		
14.00-15.30	Strengthening Water Quality Resilience	<p>At the end of the session participants would be able to understand:</p> <ul style="list-style-type: none"> Water quality parameters (Physical, Chemical, biological) Water quality standards and regulations Water quality monitoring & testing methods Common water borne diseases 	Ms. Bhavna Trivedi, Jt. Director (Retd.), GJTI, Gandhinagar
15.30-15.45	Tea break		

15.45-16.45	Water Resilient Infrastructure Benchmarking tool	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Key indicators for benchmarking • Tool design and Methodology • Framework, scoring system and data requirements • Role of local input in data collection and action planning 	UNICEF
Day -2: 12th June 2025			
9.00-10.30	Breakfast		
10.30-11.45	Building Resilience in Water storage infrastructure	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Effects of hazards on water storage infrastructure (overhead tank, sump, wells, tanks, etc.) • Layout and design consideration of water storage infrastructure [Seismic, floods, cyclone, Tsunami, extreme weather etc.] • Operation & maintenance strategies for resilience • Emerging technologies in water storage 	WAPCOS
11.45-12.00	Tea break		
12.00-14.00	Integrating Resilience into Water Conveyance and Pumping Systems	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Overview of water conveyance systems • Design of water conveyance systems (Pipe material, size, layout pump, valve etc) • Pipeline inspection & maintenance • Emerging technologies in water conveyance • Types of Pumps & their choice • Multiple pump system & System head curve • Operation & maintenance of pumps 	Shri Ravi Solanki, Chief General Manager [Retd.], GWIL
14.00-15.00	LUNCH break		
15.00-16.15	Building climate resilience through community led water infrastructure & governance initiatives -	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Rural water security challenges • Participatory water security planning • Strengthening local institutions for decentralized water management • Role of women in water management and governance 	Centre for Environment Education (CEE), Ahmedabad

	A case Study of Jalsetu project		
16.15-16.30	Tea break		
16.30-17.30	Understanding Seismic Research in Gujarat [Site Visit]	<ul style="list-style-type: none"> Near real time earthquake monitoring through seismometers Modelling earthquake source processes Ground motion prediction, micro and macro zoning of various vulnerable zones 	ISR, Gandhinagar
Day -3: 13th June 2025			
9.00-10.30	Breakfast		
9.00-12.00	Building Resilience through community participation [Site Visit]	<ul style="list-style-type: none"> Site visit to understand operation loss in water distribution Community Management of water infrastructure SOPs for fail safe operation Emerging Technologies for water management 	GIDM
12.00-13.30	Understanding Technological advancements in water Engineering [Site Visit]	<ul style="list-style-type: none"> Tunnel system for resilient utility network Climate friendly cooling solutions Waste water treatment Emergency Response System 	GIFT City
13.30-14.30	LUNCH break		
14.30-15.45	Enhancing Resilience in Water/Waste Water Treatment Facilities	<p>At the end of the session participants would be able to understand:</p> <ul style="list-style-type: none"> Effects of hazards on treatment plants Layouting and design considerations of various units of treatment plants [Seismic, floods, cyclone, Tsunami, extreme weather etc.] Use of advanced materials and construction methods in treatments plants Operation & maintenance strategies for resilience 	Shri Rakesh Shah, S3M Consultants, Ahmedabad
15.45-16.00	Tea break		
16.00-16.30	Valedictory Session	<ul style="list-style-type: none"> Post-test Feedback Certificate distribution Group photo 	GIDM