

Schedule of Training Programme

A 3-days residential training programme on **Structural Fire Safety in Educational Buildings** is schedule from **27th Jan – 29th Jan 2022** at GIDM.

Subject	Structural Fire Safety in Educational Buildings		
Date of Training Programme	27 th Jan 2022 to 29 th Jan 2022	Location	Seminar Hall, GIDM
Time	10.30hrs – 18.00hrs	Coordinator	Piyush Ramteke, Programme Manager, GIDM
Expected no. of Participants	35-40	Contact	+91-9662007130

DAY-1: 27th Jan 2022

Time	Name of Topic	Resource person
10.30hrs – 11.30hrs	Basics of Disaster Risk Management (DRM)	Dr. Abhiyant Tiwari, APPM, GIDM
11.30hrs – 11.45hrs	TEA BREAK	
11.45hrs – 13.00hrs	Basics of Disaster Risk Management (DRM)	Dr. Abhiyant Tiwari, APPM, GIDM
13.00hrs – 14.00hrs	LUNCH	
14.00hrs – 15.00hrs	Fire Science and combustion <ul style="list-style-type: none"> • Introduction to Chemistry and Physics of Fire • Heat Transfer • Hazards and Risk • Combustion Process • Fire Extinguishment • Extinguishment Agents • Combustion Products 	Shri Himalay Kotadiya, RAPC, GIDM
15.00hrs – 15.15hrs	TEA BREAK	
15.15hrs – 17.15hrs	Structural Fire Safety and passive Fire Protection in School Buildings <ul style="list-style-type: none"> • Introduction to Structural Fire Safety • Construction materials and their behavior in fire • Fire resistance of structural components • Protecting the Structural components from fire • Understanding Passive Fire Protection System • Containment and compartmentation for fire safety 	Prof. Gaurav Shrivastav, Assistant Professor, IIT-Gandhinagar

DAY-2: 28th Jan 2022		
10.30hrs – 12.00hrs	Fire Prevention in School Buildings <ul style="list-style-type: none"> • Internal Planning and layout of School Building Services and systems • Fire prevention measures for School building systems • Basics of Electrical Safety 	Shri Snehanshu Choudhary, Freelance Consultant
12.00hrs – 12.15hrs	TEA BREAK	
12.00hrs – 13.30hrs	Life Safety in School Buildings <ul style="list-style-type: none"> • Understanding safe egress design • Different factors affecting safe egress • Other important associated systems for Life safety 	Shri Snehanshu Choudhary, Freelance Consultant
13.30hrs – 14.30hrs	LUNCH	
14.30hrs – 15.30hrs	Life Safety in School Buildings-Continued	Shri Snehanshu Choudhary, Freelance Consultant
15.30hrs – 15.45hrs	TEA BREAK	
15.45 – 18.00hrs	Fire Protection Equipment & Systems for Schools <ul style="list-style-type: none"> • Portable Fire Extinguishers • Water as an extinguishing agent • Wet riser systems/ External Hydrant systems • Automatic Sprinkler Systems • Overview of Fire Detection Systems 	Shri Inayat Shaikh, Divisional Fire Officer, AMC.
DAY-3: 29th Jan 2022		
9.30hrs -11.30hrs	Activity-I: Demonstration and Use of Fire Extinguisher	GSIFST and GIDM
11.30hrs – 13.00hrs	Activity-II: Site visit to nearby school to study the fire safety provisions (Jamnabai Narsee School, GIFT City, Gandhinagar)	GIDM
13.00hrs – 14.00hrs	LUNCH	
14.00hrs - 15.30hrs	Activity-III: Case study on School Fire Safety	Piyush Ramteke, RSPM and Himalay Kotadia, RAPC, GIDM
15.30hrs - 15.45hrs	TEA BREAK	
15.45hrs – 16.30hrs	Interaction with DG-GIDM	GIDM