



Training Schedule

Training Program: Basics of Fire Prevention & Life Safety Management

Program Duration – 8 days

Venue: - Seminar hall, F:03, Gujarat Institute of Disaster Management (GIDM),
B/h PDP, Raisan, Gandhinagar.

DAY-1: 25 th March. 2022		
Time	Name of Topic	Resource person
10.15 – 11.30	Registration, Pre-test and Inauguration	GIDM, SFPS, GSIFST
11.30 – 11.45	TEA BREAK	
11.45 – 12.45	ST1-Fire Science and Combustion: 1.1-Introduction to Chemistry and Physics of Fire 1.2-Heat Transfer 1.3-Hazards and Risk 1.4-Combustion Process	Mr. Himalay Kotadiya, RAPC, GIDM
12.45 – 13.45	1.5- Fire Extinguishment 1.6- Extinguishment Agents 1.7- Combustion Products	Mr. Himalay Kotadiya, RAPC, GIDM
13.45 – 14.45	LUNCH	
14.45 – 15.45	Group Activity	GIDM
15.45 – 16.00	TEA BREAK	
16.00 – 17.00	ST2-Fire Service setup, Firefighting Procedures & Fire Brigade Features in Buildings: 2.1 - Function of Fire Service in Government setup 2.2 - Current Fire Service setup in Urban and Non-urban areas in Gujarat 2.3 - Understanding Fire Service hierarchy and ranks in other states and Gujarat 2.4 - Emergency notification procedure 2.5- Incident site procedures related to rescue and fire-fighting for building scenarios. 2.6- Requirements related to Fire vehicle access	Shri K K Bishnoi, Director, SFPS
17.00 – 18.00	Group Assignment	GIDM
DAY 2: 26 th March 2022		
Time	Name of Topic	Resource person
07.00- 09.00	Drill	GSIFST
11.30 – 11.45	Breakfast	



10.30 – 11.30	ST3- Fire Prevention & Life Safety in Buildings ST3.1 - Internal Planning and layout of Building Services and systems	Mr. Snehanishu Chaudhary, Fire Consultant
11.30 – 11.45	TEA BREAK	
11.45 – 12.45	ST3- Fire Prevention & Life Safety in Buildings ST3.2 - Fire prevention measures for different building systems	Mr. Snehanishu Chaudhary, Fire Consultant
12.45 – 13.45	ST3- Fire Prevention & Life Safety in Buildings ST3.3 - Different factors affecting safe egress	Mr. Snehanishu Chaudhary, Fire Consultant
13.45 – 14.45	LUNCH	
14.45 – 15.45	ST3-Fire Prevention & Life Safety in Buildings ST3.4 - Understanding safe egress design	Mr. Snehanishu Chaudhary, Fire Consultant
15.45 – 16.00	TEA BREAK	
16.00 – 17.00	ST3-Fire Prevention & Life Safety in Buildings ST3.5 - Other important associated systems for Life safety ST3.6 - Important information from Annexure D of NBC Part 4 ST3.7 - Basics of Electrical Safety ST3.8 - Identify Unsafe Conditions	Mr. Snehanishu Chaudhary, Fire Consultant
17.00- 18.00	Assignment Presentation	GIDM/SFPS/GSIFST
DAY 3: 27th March 2022		
Time	Name of Topic	Resource person
07.00- 09.00	Drill	GSIFST
11.30 – 11.45	Breakfast	
10.30 – 11.30	ST4- Fire Protection Equipment & Systems ST4.1 - Portable Fire Extinguishers	Shri Abhay Purandare, Fire Consulatant
11.30 – 11.45	TEA BREAK	
11.45 – 12.45	ST4- Fire Protection Equipment & Systems ST4.2 - Water as an extinguishing agent	Shri Abhay Purandare, Fire Consulatant
12.45 – 13.45	ST4- Fire Protection Equipment & Systems ST4.3 - Wet riser systems/ External Hydrant systems	Shri Abhay Purandare, Fire Consulatant
13.45 – 14.45	LUNCH	
14.45 – 15.45	ST4- Fire Protection Equipment & Systems ST4.4 - Types of fire pumps ST4.5-Automatic Sprinkler Systems ST4.6 - Overview of Fire Detection Systems	Shri Abhay Purandare, Fire Consulatant



15.45 – 16.00	TEA BREAK	
16.00 – 17.00	ST4- Fire Protection Equipment & Systems ST4.7 - Overview on Design, Installation and Maintenance of Various Indian Standards for Fire Protection systems ST4.8 - Method of testing for installation (fire protection systems) on ground during field visit	Shri Abhay Purandare, Fire Consultatant
17.00- 18.00	Assignment Presentation	GIDM/SFPS/GSIFST
DAY 4: 28th March 2022		
Time	Name of Topic	Resource person
07.00- 09.00	Drill	GSIFST
10.30 – 11.30	ST5- Structural Fire Safety & Passive Fire Protection ST5.1 - Introduction	Shri Abhay Purandare, Fire Consultatant
11.30 – 11.45	TEA BREAK	
11.45 – 12.45	ST5- Structural Fire Safety & Passive Fire Protection ST5.2-Concepts of Construction	Shri Abhay Purandare, Fire Consultatant
12.45 – 13.45	ST5- Structural Fire Safety & Passive Fire Protection ST5.3-Structural fire safety	Shri Abhay Purandare, Fire Consultatant
13.45 – 14.45	LUNCH	
14.45 – 15.45	ST5- Structural Fire Safety & Passive Fire Protection ST5.4-Containment and compartmentation for fire safety	Shri Abhay Purandare, Fire Consultatant
15.45 – 16.00	TEA BREAK	
16.00 – 17.00	ST5- Structural Fire Safety & Passive Fire Protection ST5.5-Construction materials	Shri Abhay Purandare, Fire Consultatant
17.00 – 18.00	Assignment Presentation	GIDM/SFPS/GSIFST
DAY 5: 29th March 2022		
Time	Name of Topic	Resource person
07.00- 09.00	Drill	GSIFST
10.30 – 11.30	ST6-Fire Safety Legislation & Enforcement ST6.1 – GFP&LSM ACT 2013 and amendment	Shri Paresh Vyas, Fire Advisor, GOG
11.30 – 11.45	TEA BREAK	
11.45 – 13.00	ST6-Fire Safety Legislation & Enforcement ST6.2-GFP&LSM Rules 2014 & amendment Regulations	Shri Paresh Vyas, Fire Advisor, GOG
13.00 – 14.00	LUNCH	
14.00 – 18.00	Practical Demonstration & Operation of Firefighting and Rescue equipment	AFES
DAY 6: 30th March 2022		



Time	Name of Topic	Resource person
07.00- 09.00	Drill	GSIFST
10.30 – 11.30	ST7-Industrial Fire Prevention & Fire Protection ST7.1 Introduction and Engineering approach to industrial fire protection ST7.2 Plant Sitting and Layout Fire protection siting considerations ST7.3 - Fire Resistance and Construction	Mr. Himalay Kotadiya, RAPC ,GIDM
11.30 – 11.45	TEA BREAK	
11.45 – 13.00	ST7-Industrial Fire Prevention & Fire Protection ST7.3 - Fire Resistance and Construction ST7.4 - Flammable Liquid Storage tanks ST7.5 - Onsite/ Off site Emergency Plan	Mr. Himalay Kotadiya, RAPC ,GIDM
13.00 – 14.00	LUNCH	
14.00 – 17.00	Visit at GIFT CITY	Shri Amar Pandey, GM (Fire Service)
DAY 7:31st March 2022		
Time	Name of Topic	Resource person
07.00- 09.00	Drill	GSIFST
10.30 – 11.30	SL1- Lab Session Introduction to FSCOP System	GSIFST
11.30 – 11.45	TEA BREAK	
11.45 – 12.45	SL1- Lab Session Working on FSCOP System	GSIFST
12.45 – 13.45	SL1- Lab Session Working on FSCOP System	GSIFST
13.45 – 14.45	LUNCH	
14.45 – 15.45	Basics of Disaster Risk Management	GIDM
15.45 – 16.00	TEA BREAK	
16.00 – 17.00	Assignment Presentation	GIDM/SFPS/GSIFST
DAY 8: 1st April 2022		
Time	Name of Topic	Resource person
11.00 – 13.00	Examination, Assessment <ul style="list-style-type: none"> Online Examination 	Examination & Assessment Committee
13.00 – 14.00	LUNCH	
14.00 -16.00	Q & A and Discussion	Expert Panel
16.00- 17.00	Wrap up & Valedictory	GIDM/SFPS/GSIFST