

MSME – Technology Development Center

COURSE STRUCTURE

1	Certificate in Fireman Course (CFS)	Eligibility – 10th	Duration – 6 Months
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Subject Name	Subject Code	Theory	Practical
Fire Control Techniques	CFS -01	80	20
Fire Risk Assessment	CFS-02	80	20
Fire Fighting Drills	CFS-03	80	20
First AID	CFS-04	80	20
Practical & Viva	CFS-05	80	20

2	Diploma in Fire Service & Operations (DFS0)	Eligibility – 10th	Duration – 1 Year
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Subject Name	Subject Code	Theory	Practical
Fire Control Techniques	DFS0 -01	80	20
Fire Risk Assessment	DFS0-02	80	20
Industrial Safety	DFS0-03	80	20
Fire Engineering Science	DFS0-04	80	20
Fire Fighting Drills	DFS0-05	80	20
First AID	DFS0-06	80	20
Practical & Viva	DFS0-07	80	20

3	Diploma in Fire Technology & Safety Management (DFTSM)	Eligibility – 12th	Duration – 1 Year
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Subject Name	Subject Code	Theory	Practical
Safety Management	DFTSM -01	80	20
Fire Protection System & Design	DFTSM-02	80	20
Industrial Safety	DFTSM-03	80	20
Fire Engineering Science	DFTSM-04	80	20
Fire Fighting Drills	DFTSM-05	80	20
Fire Technology	DFTSM-06	80	20
Practical & Viva	DFTSM-07	80	20

4	Diploma in Industrial Safety (DIS)	Eligibility –12th (Science)	Duration – 1 Year
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Subject Name	Subject Code	Theory	Practical
Safety Management	DIS -01	80	20
Construction Safety	DIS-02	80	20
Industrial Safety	DIS-03	80	20
Fire Engineering Science	DIS-04	80	20
Health, Safety & Environment	DIS-05	80	20
First Aid	DIS-06	80	20
Practical & Viva	DIS-07	80	20

5	PG Diploma in Fire Safety Management (PGDFSM)	Eligibility - Graduation/Diploma in Engineering	Duration – 1 Year
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Subject Name	Subject Code	Theory	Practical
Fire Regulation & Safety Law	PGDFSM -01	80	20
Fire Prevention & Protection	PGDFSM-02	80	20
Fire Fighting Drills	PGDFSM-03	80	20
Fire Engineering Science	PGDFSM-04	80	20
Industrial Safety Management	PGDFSM-05	80	20
Industrial Hygiene, Occupational Safety & Health	PGDFSM-06	80	20
Practical & Viva	PGDFSM-07	80	20

6	Sub Fire Officer Course (SFO)	Eligibility – Graduation + 1 Year Industrial Experience	Duration – 9 Months
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Subject Name	Subject Code	Theory	Practical
Fire Science	SFO -01	80	20
Fire Technology	SFO-03	80	20
First Aid &Emergency Planning	SFO-03	80	20
Principles of Industrial Management	SFO-04	80	20
Legal Aspects of Safety, Health & Environment	SFO-05	80	20
Management Responsibility, Administration in an Organization	SFO-06	80	20
Practical & Viva	SFO-07	80	20

7	PG Diploma in Industrial Safety (PGDIS)	Eligibility - Graduation/Diploma in Engineering	Duration – 1 Year
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Subject Name	Subject Code	Theory	Practical
Safety Management System & Law	PGDIS -01	80	20
Accident Prevention Techniques	PGDIS-02	80	20
Safety at Workplace	PGDIS-03	80	20
Fire Engineering Science	PGDIS-04	80	20
Health, Safety & Environment	PGDIS-05	80	20
First Aid & Disaster Management	PGDIS-06	80	20
Practical & Viva	PGDIS-07	80	20

8	PG Diploma in Health, Safety & Environment (PGDSHE)	Eligibility - Graduation/Diploma in Engineering	Duration – 1 Year
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Subject Name	Subject Code	Theory	Practical
Safety Management	PGDHSE -01	80	20
Fire Safety & First Aid	PGDHSE-02	80	20
Industrial Health & Hygiene	PGDHSE-03	80	20
Industrial Hazard & Safety	PGDHSE-04	80	20
Environment Management System & ISO 14001	PGDHSE-05	80	20
Safety & Environment Legislation	PGDHSE-06	80	20
Practical & Viva	PGDHSE-07	80	20