

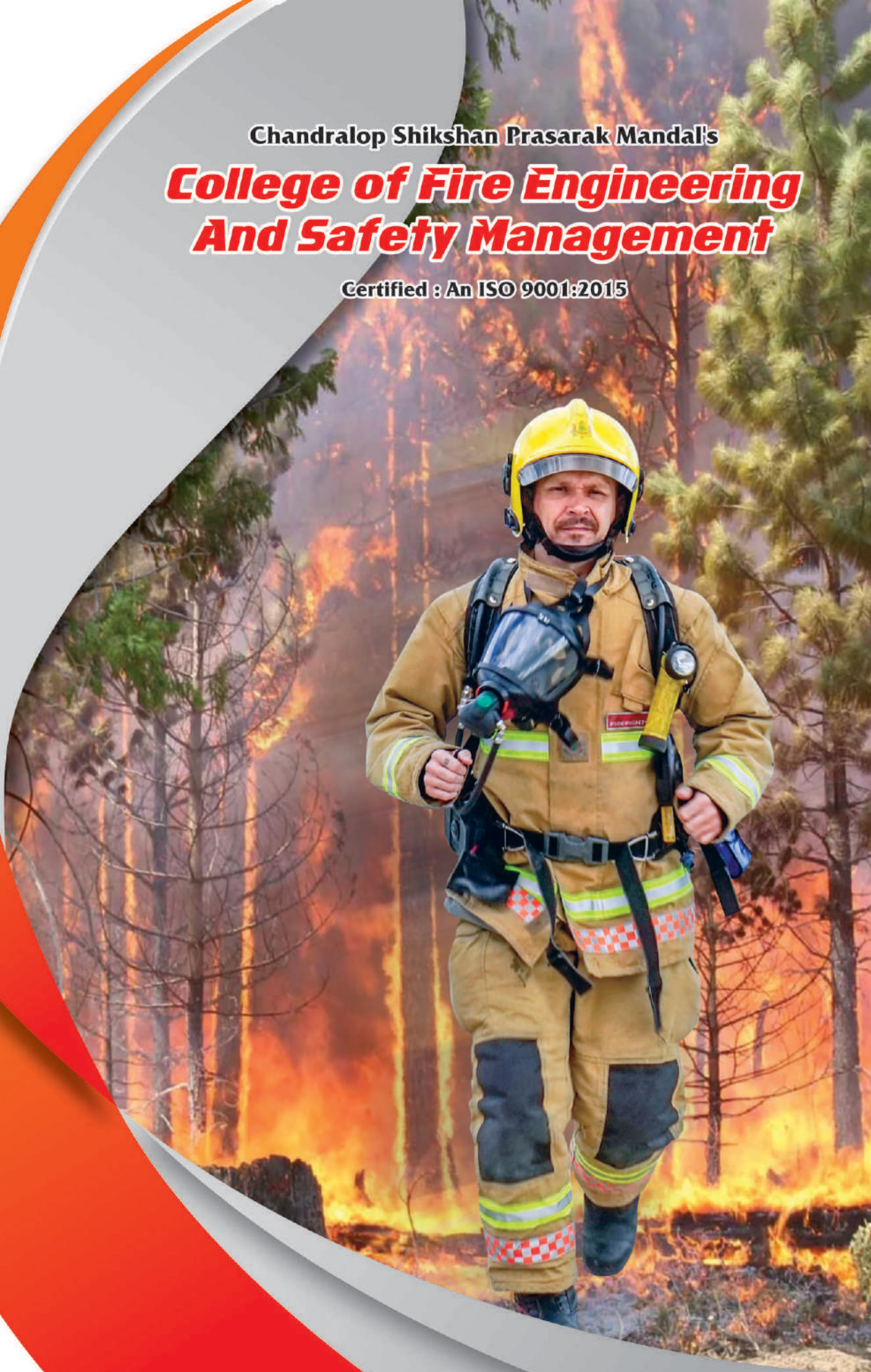


Established - 2001

Chandralop Shikshan Prasarak Mandal's

College of Fire Engineering And Safety Management

Certified : An ISO 9001:2015



PROSPECTUS



Message from the Board of Directors

Dear Students,

It gives us immense pleasures in presenting College of Fire Engineering and Safety Management before you as a premier Institution in the country set up to provide education in the areas of Fire Engineering and Safety Management and allied Engineering fields.

College of Fire Engineering and Safety Management is an organisation that focuses on innovative approaches to Fire and Safety Engineering. Its purpose is to train people in the field of Fire and Safety and encourage and integrand approach to the reduction of life and property loss from fire by effective educational programs. The college pursues this goal by conducting several courses for the public with extensive practical training.

"Success is achieved by those, who dare to dream and work upon their dreams thus explore the possibilities of whole world who remain confident and firm about their decision and keep focusing on their goal. You can be one of them if you adapt above qualities in you". It is said that if we have solid determination there are lot of ways to achieve our target. College of Fire Engineering and Safety Management is introduced as a way for you like that.

It is our privilege to welcome the new batch of students and we are confident that the college will present a pleasant environment with strong educational support for all ambitious students to become successful Fire and Safety Engineers.

We wish you bright success for your future.

Best Wishes...



President
Pankaj Lokhande

Awarded
Bharatiya Shiksha
Ratan Award
From NEHRDO,
Mumbai



Secretary
Chandrashekhar Lokhande

Awarded
Lifetime Achievement Award
in Educational Excellence
Rashtriya Gaurav Award
Best Citizen of India 2010

Chandralop Shikshan Prasarak Mandal's

Reg. No. MH / 6003 / 7-2-2001, B.P.T. Act 1950 F-6634



College of Fire Engineering and Safety Management

Campus : Gut No. 52, Harsul - Sawangi, Jalgaon Road, Aurangabad - 431008.

COURSES OFFERED	DURATION	INTAKE
* B Sc. in Fire and Safety	Three Year	60
* Diploma in Fire Service Engineering	Two Year	60
* Advance Diploma in Industrial Safety	One Year	120
* Advance Diploma in Industrial Safety & Security Management	One Year	40
Advance Diploma in Fire Safety Health & Environment	One Year	40
Diploma in Fire Engineering & Safety Management	One Year	60
Diploma in Safety, Health & Environmental Engineering	One Year	60
Fire Engineering (Fireman) OR Safety Engineering	Six Month	30

Recognised by

* MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION & DTE MUMBAI

* UGC, MINISTRY OF HRD (Government of India)





CFESM is situated in a very calm and quiet atmosphere, at the outskirts of the city of Aurangabad. The environment is fresh and lonely enabling students to concentrate on their studies. The curriculum is designed with regular practicals and technical visits. Students are regularly exposed to various fire fighting appliances and equipments. To cater the needs of the outstation students separate hired hostels and quality mess facilities for boys and girls are provided at reasonable rates.

CFESM mainly focuses on the innovative approach to Fire Engineering and Safety Management. It has a very noble cause of fulfilling the need of our society and country by providing effective education and training of the highest standard to the students in the field of Fire and Safety, resulting ultimately into the reduction of the invaluable human life and precious property loss due to Fires. CFESM is continuously striving to achieve this goal by conducting various courses with extensive practicals/technical visits/Attachment Training Programs.

CFESM is also aware about the fact that a good and better service is offered to candidates having experience. To ensure that all the students get better and quick jobs they are provided with practical attachment training in leading organisations like Rashtriya Chemical Fertilizers, MSEB Thermal Power Station, Municipal Corporations etc.

Objectives

- » To develop high academic standards and quality of education for its programs so as to extend limitations beyond traditional classroom situations.
- » To create through effective education, training and research, a renewable talent bank in varied disciplines.
- » To assist in development of new methods and process of fire engineering services, skills and analytical techniques.
- » To develop managerial/leadership abilities and analytical skills, training, communication with the community and interaction with government and statutory authorities.
- » To promote placements in various industries / organisations.
- » To create awareness about fire and precautions to be taken to avoid mishaps due to fire.
- » To expertise mankind in using machines and allied equipments more effectively during fire, excess environmental pollution and hazards associated with them.
- » To minimise losses of life and property due to fire by producing skilled professionals who can standby firmly during calamities.
- » To carve out trained professionals to fulfill the necessities of a full fledged Safety and Environment Control Department, as this is now felt by emerging competitive environment industries and businesses.

Mission Vision

- » To establish as one of the premier Institutions of Fire Engineering and Safety Management, in India.
- » To pursue for attending and imparting the highest national standard of teaching and training in the field of Fire Engineering and Safety Management.
- » To create awareness of "The quality of life protection" through fire safety training programs.
- » To induce life long learning knowledge skills, for social and personal development.



Features

- » Highly qualified, skilled and experienced staff having practical fire fighting knowledge.
- » Regular exposure of students to various equipments and appliances associated with fire.
- » Vast and varied practical curriculum.
- » Regular Technical visits to industries, organisations and places involving high fire risks in order to encourage and buildup the students fire fighting courageous knowledge.
- » Practical attachment training in leading organisations like Rashtriya Chemical and Fertilizers, MSEB, Thermal Power Stations, Municipal Corporations, ONGC, Oil Refineries etc.
- » Separate hostel facilities for boys and girls.
- » Fresh, friendly, energetic and interlinking environment between the staff and students. Well equipped computer lab with all necessary hardwares and softwares to serve as an extra advantage for the interested students.
- » Assist the students in getting jobs by displaying the job vacancies in respective fields.
- » Arrange various programs and practicals to encourage students for research.

Fire & Safety Engineering : A Challenging Profession

Fire Engineering can be defined as, "The application of scientific and engineering principles, rules and expert judgments, based on understanding of the phenomenon and effects of fire, its reactions and behavior of people, property and the environment from the destructive effects of fire".

This nature and characteristics of fire and the mechanics about how fire spreads is most understood by fire engineers. They are the experts with varieties who can tackle fire and reduce the losses due to it.

By virtue of its growing role in saving life and property on a large scale, Fire Engineering is fast becoming one of the world's noblest professions. Industrial statistics has put the upcoming Indian requirements of over one lakh personnel of Fire and Safety per year. Moreover, unlimited opportunities come from abroad, especially from the Gulf countries. Students investing their time in this sunrise industry are creating a great career opportunity for them selves, in addition to getting a head start over job seekers in other fields.

Fire engineers find job openings in the Government Fire Services, Architectural and Building Design, Insurance Assessment, Project Management, Aircraft Industry, Refineries, Industrial Processing and in any area where the possibility of fire or combustion represents a hazard with increasing urbanisation, the use of electrical appliances, office automation, etc.

The increasing number of fire disasters in Refineries, Petrochemical Plants, Industries and other strategic places is causing tragic loss of precious lives and large scale destruction of property. This confirms the necessity for Fire Fighting Engineers.





Admission Process & Eligibility Criteria

Admissions are on First come First serve basis.
No entrance examination is required for these courses

Original Documents Required	ADIS	ADISM	FR 1	BSc	For Other Available Courses Only Photocopy Required
10th Marksheet	✓	✓	✓	✓	✓
10+2 Marksheet	✓	✓	✓	✓	X
Engg Diploma/ BSc OR Engg Degree Marksheet	✓	X	X	X	X
B A/B Com/ B Sc / Any Graduaion Marksheet	X	✓	X	X	X
TC or Migration Certificate	✓	✓	✓	✓	✓
4 Passport size Photographs	✓	✓	✓	✓	✓
Adhar card Photocopy Only	✓	✓	✓	✓	✓

Course Structure

Advance Diploma in Industrial Safety (ADIS) IT

Sr. No.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L +T +P)	Exam Dur. in Hrs.	Examination Scheme												Grand Total
				L	T	P			Theory						Practical						
									ESE		PA		TOTAL		ESE		PA		TOTAL		
Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks						
FIRST SEMESTER																					
1	Industrial Safety Management, Quality Control in Occupational Safety and Health	ISM	28040	3	--	2	5	--	--	--	--	--	--	--	50@\$	25	50	25	100	50	100
2	Occupational Safety & health Legislation	OSH	28126	3	2	--	5	1.5	70*#	35	30*	00	100	50	--	--	--	--	--	--	100
3	Chemical & Process Safety Management	CPS	28127	4	2	--	6	1.5	70*#	35	30*	00	100	50	--	--	--	--	--	--	100
4	Industrial Hygiene & Occupational Health	IHO	28041	3	--	4	7	--	--	--	--	--	--	50#\$	25	50	25	100	50	100	
5	Environment Management	EGE	28042	3	--	4	7	--	--	--	--	--	--	50#\$	25	50	25	100	50	100	
TOTAL				16	04	10	30	--	140	--	60	--	200	--	150	--	150	--	300	--	500
SECOND SEMESTER																					
1	Construction Safety	CTS	28214	3	2	--	5	1.5	70*#	35	30*	00	100	50	--	--	--	--	--	--	100
2	Safety in Engineering Industries	SEI	28215	3	--	4	7	1.5	70*#	35	30*	00	100	50	50@	25	50	25	100	50	200
3	Project	PIT	28084	--	--	8	8	--	--	--	--	--	--	50#	25	50	25	100	50	100	
4	Industrial Training	IAI	28715	--	--	10	10	--	--	--	--	--	--	100#	50	100	50	200	100	200	
TOTAL				06	02	22	30	--	140	--	60	--	200	--	200	--	200	--	400	--	600





First Year Diploma in Fire Service Engineering (FR1)

Sr. No.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L + T + P)	Exam Dur. in Hrs.	Examination Scheme												Grand Total
									Theory						Practical						
				ESE		PA			TOTAL		ESE		PA		TOTAL						
				Max Marks	Min. Marks	Max Marks			Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks				
FIRST SEMESTER																					
1	Fire Engineering Science-I	FES	28120	4	2	--	6	1.5	70*#	28	30*	00	100	40	--	--	--	--	--	100	
2	Fire Service Organization-I	FSO	28029	4	--	2	6	--	--	--	--	--	--	--	50#\$	20	50	20	100	40	100
3	Fire Safety-I	FRF	28121	4	2	--	6	1.5	70*#	28	30*	00	100	40	--	--	--	--	--	100	
4	Special Fire Hazards-I	SFH	28030	4	--	2	6	--	--	--	--	--	--	--	50#\$	20	50	20	100	40	100
5	Fire Fighting Drills-I	FFD	28031	--	--	6	6	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
TOTAL				16	04	10	30	--	140	--	60	--	200	--	150	--	150	--	300	--	500
SECOND SEMESTER																					
1	Fire Engineering Science-II	FES	28212	4	2	--	6	1.5	70*#	28	30*	00	100	40	--	--	--	--	--	100	
2	Fire Service Organization-II	FSO	28081	4	--	2	6	--	--	--	--	--	--	--	50#\$	20	50	20	100	40	100
3	Fire Safety-II	FRS	28213	4	2	--	6	1.5	70*#	28	30*	00	100	40	--	--	--	--	--	100	
4	Special Fire Hazards-II	SFH	28082	4	--	2	6	--	--	--	--	--	--	--	50#\$	20	50	20	100	40	100
5	Fire Fighting Drills-II	FFD	28083	--	--	6	6	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
TOTAL				16	04	10	30	--	140	--	60	--	200	--	150	--	150	--	300	--	500

Second Year Diploma in Fire Service Engineering (FR2)

Sr. No.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L + T + P)	Exam Dur. in Hrs.	Examination Scheme												Grand Total
									Theory						Practical						
				ESE		PA			TOTAL		ESE		PA		TOTAL						
				Max Marks	Min. Marks	Max Marks			Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks				
FIRST SEMESTER																					
1	Fire and Electrical Audits	FEA	28209	4	--	4	8	1.5	70*#	28	30*	00	100	40	50@	20	50	20	100	40	200
2	Fire Investigation	FRT	28307	4	2	--	6	1.5	70*#	28	30*	00	100	40	--	--	--	--	--	100	
3	Fire Fighting Equipments-I	FFE	28720	--	--	8	8	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
4	Tescue Techniques-I	RTI	28721	--	--	8	8	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
TOTAL				08	02	20	30	--	140	--	60	--	200	--	150	--	150	--	300	--	500
SECOND SEMESTER																					
1	Fire Fighting Equipments-II	FFE	28742	--	--	8	8	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
2	Rescue Techniques-II	RTII	28743	--	--	8	8	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
3	Project	PFR	28744	--	--	4	4	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
4	Fire Training	FAI	28745	--	--	10	10	--	--	--	--	--	--	--	100#	40	100	40	200	80	100
TOTAL				--	--	30	30	--	--	--	--	--	--	--	250	--	250	--	500	--	500

ABBREVIATIONS : TH- THEORY, TU- TUTORIAL, PR - PRACTICALS, OR - ORAL, TW - TERM WORK, SW - SESSIONAL WORK, #- EXTERNAL, @- INTERNAL.

Assessment of practical, oral and term work are to be done as per the prevailing norms for curriculum implementation and assessment.

Exemption shall not be granted to any student under any circumstances.

External examiner shall not insist upon practicals on Appliances / Vehicles in practical examination of Fire Service Equipments & Appliances.

For sessional marks - 2 theory class test of 25 marks each are to be conducted. Average is to be considered. Total marks is to be converted to the base of 100.



Advance Diploma in Industrial Safety & Security Management (ADISSM) FF

Sr. No.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L + T + P)	Exam Dur. in Hrs.	Examination Scheme												Grand Total
				L	T	P			Theory						Practical						
									ESE		PA		TOTAL		ESE		PA		TOTAL		
									Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	Max Marks	Min. Marks	
FIRST SEMESTER																					
1	Industrial Safety Management	ISM	28116	4	2	--	6	1.5	70*#	35	30*	00	100	50	--	--	--	--	--	--	100
2	Fire Service Equipment And Appliances	FSE	28023	4	--	2	6	--	--	--	--	--	--	--	50@	25	50	25	100	50	100
3	Fire And Safety Legislation	FSL	28117	4	2	--	6	1.5	70*#	35	30*	00	100	50	--	--	--	--	--	--	100
4	Security Management	SGE	28024	4	--	2	6	--	--	--	--	--	--	--	50@	25	50	25	100	50	100
5	Environment Management	FFD	28025	--	--	6	6	--	--	--	--	--	--	--	50#	25	50	25	100	50	100
TOTAL				16	04	10	30	--	140	--	60	--	200	--	150	--	150	--	300	--	500
SECOND SEMESTER																					
1	Security Acts & Laws	SAA	28210	4	2	--	6	1.5	70*#	35	30*	00	100	50	--	--	--	--	--	--	100
2	Fire Service Equipment	FSE	28073	--	--	4	4	--	--	--	--	--	--	--	50#	25	50	25	100	50	100
3	Rescue Technique	RHN	28074	--	--	4	4	--	--	--	--	--	--	--	50#	25	50	25	100	50	100
4	Project	PFF	28075	--	--	6	6	--	--	--	--	--	--	--	50#	25	50	25	100	50	100
5	Industrial (Occupancy) Training	IOT	28076	--	--	10	10	--	--	--	--	--	--	--	100#	50	100	50	200	100	200
TOTAL				04	02	24	30	--	70	--	30	--	100	--	250	--	250	--	500	--	600

Diploma in Fire Engineering & Safety Management

Sr. No.	Theory & Practical Subject Title	Examination Scheme & Maximum Marks						
		TH	PR	Paper Hrs.	TH	PR	OR	SW
1	Fire Engineering Science	4	-	2.30	75	-	-	25
2	Safety Management	4	-	2.30	75	-	-	25
3	Fire Prevention & Protection	4	-	2.30	75	-	50	25
4	Safety Engineering	4	-	2.30	75	-	-	25
5	Fire Extinction Science	4	-	2.30	75	-	-	25
6	Construction Safety	4	-	2.30	75	-	-	25
7	Fire Service Administration	4	-	2.30	75	-	-	25
8	Industrial Hygiene & Health	4	-	2.30	75	-	50	25
9	Practical : Fire Fighting Drill	-	6	2.30	-	50	-	-
10	Practical: Field Training	-	6	2.30	-	50	-	-
11	Project Work	-	6	-	-	50	50	-
Total		32	18		600	150	150	200

Diploma in Industrial Safety Health & Environmental Engineering

Sr. No.	Theory & Practical Subject Title	TH	PR	Paper Hrs.	Examination Scheme & Maximum Marks			
					TH	PR	OR	SW
1	Safety Engineering - I	4	2	2.30	75	-	50	25
2	Safety, Health & Env. Legislation	4	-	2.30	75	-	-	25
3	Environmental Management	4	-	2.30	75	-	-	25
4	Environmental Pollution Monitoring & Control	4	-	2.30	75	-	-	25
5	Safety Engineering - II	4	-	2.30	75	-	-	25
6	Occupational Health & Safety	4	0	2.30	75	-	50	25
7	Construction Safety	4	-	2.30	75	-	-	25
8	Industrial Environment Law Management	4	-	2.30	75	-	-	25
9	Project Work	-	4	-	-	50	50	-
Total		32	6		600	50	150	200

Six Months Certificate Course in Fire Engineering

Sr. No.	Theory & Practical Subject Title	TH	PR	Paper Hrs.	Examination Scheme & Maximum Marks			
					TH	PR	OR	SW
1	Fire Engineering Science	4	-	2.30	75	-	50	25
2	Fire Prevention & Protection	4	2	2.30	75	-	50	25
3	Fire Extinction Science	4	-	2.30	75	-	50	25
4	Fire Service Administration	4	-	2.30	75	-	-	25
5	Practical : Fire Fighting Drill	-	6	2.30	-	50	-	25
6	Practical: Field Training	-	6	2.30	-	50	-	25
7	Project Work	-	-	-	-	50	50	-
Total		16	14		300	150	200	150

Six Months Certificate Course in Safety Management

Sr. No.	Theory & Practical Subject Title	TH	PR	Paper Hrs.	Examination Scheme & Maximum Marks			
					TH	PR	OR	SW
1	Safety Management	4	-	3	75	-	-	25
2	Safety Engineering	4	2	3	75	-	50	25
3	Construction Safety	4	-	3	75	-	-	25
4	Industrial Hygiene & Health	4	2	3	75	-	50	25
5	Project Work	-	-	-	-	50	50	-
Total		16	4	12	300	50	150	100





Practical and Attachment Training

To expose fire engineering and safety management students to new technologies and practical aspects associated with it, CFESM has good practical training programs in its curriculum. Apart from curriculum practical, various technical visits at high risk places like Aurangabad Airport, various Ship Yards at Goa, Five Star Hotels like Rama International, etc are arranged.

Students are exposed to:

- » All fire Equipments & Appliances.
- » Smoke Heat & Fire Alarm Systems.
- » Care and Maintenance of Fire Extinguisher.
- » Testing & Installation of Fire Protection system.

Various Drills and Practical Training contents

- » Fire Squad Drill, Parade & P.T.
- » Fire Extinguishers Operation Maintenance and Construction.
- » Fire Hose pipe drill (Dry & Wet).
- » Hydrant drill (Dry & Wet).
- » Pump & Pump Operation Drill.
- » Fire tender drill (Dry, Wet & Mounting)
- » Ladder drill (Climbing & crew with hose pipe line position)
- » Fire casualty rescue operation drill.
- » Fire salvages parade.
- » First aid as medical bandage practical.
- » Ambulance parade (Casualty stretcher loading & unloading)
- » Conduction of practical seminars on Worker's Health, Safety & Environment.
- » Wearing and operational procedure of B.A. set.
- » Fixed Fire Fighting Installation practical.
- » Live fire demonstration (Solid, Liquid, L.P.G. Gases & Metal Fire Fighting), etc.

Attachment Training

Our students undergo Practical Attachment Training in the leading fire service, chemical complexes like Rashtriya Chemical Fertilizers Thal, Alibagh, Thermal Power stations like Parali and Municipal Corporation fire training schools. During this training, students get real job experience by working along with fire service personnel and come to know the challenge in this task while attending the live fire fighting and rescue calls.

At ONGC, BPCL students got experience of working at a major chemical complex and oil refineries, learnt complexities while managing the risk of hazardous, flammable and toxic chemicals. Our students attended fire and emergency calls of highly complex nature at this complex.

At MSEB Thermal Power station, students get experience of working at a major thermal power generating station and learnt the intercity while managing the risk of hazardous risk at such plants like coal, Hydrogen, high pressure equipment, high voltage electrical equipment. Our students attended fire and emergency calls hazardous substances at this station.

At Municipal Corporation Fire Training Schools of, students get experience of working at fire service of major city and learnt how to overcome the problems like the management of mob / crowd while attending the public calls like house collapse, leak from road tank lorries, rescue from water tanks / wells. Our students attended fire and rescue calls of various nature during this attachment training.





Job Prospectus

Job prospectus for Fire, Safety and Environmental Engineers is very bright. Industrial statistics has put the upcoming Indian requirements of over one lakh personnel of Fire and Safety per year. Moreover, unlimited opportunities come from abroad, especially from the Gulf countries

Type of industries and capacity in which successful candidates get employment.

A) Wage Employment

Capacity (Designation) In which employed	Types of Industries Organisation
(a) Fire officer (b) Advisor / Consultant (c) Expert in designing (d) Marketing Manager (e) Technical Service Manager (f) SHE Department	Chemical, Petro-chemical, Engineering Textile construction, pharmaceutical food and paint industries, Oil refiners, Airports, Airlines, Railway Network, Merchant Navy, Electronics Industry, Hazardous Industry, Transportation & Construction Industry, Hospital, Star Hotels, Shopping Complexes, Large Installations & National Security Services, Various municipal corporations (Fire department).

B) Self employment / Opportunities

Capacity	Nature of Work
(a) Self employment, (b) consultant (c) advisor (d) trainer	To start own Consultancy / Advisory Services, Auditing of SHE and Co-ordinate with approval By and MSPCB (Maharashtra State Pollution Control Board) DISH, MOE&Fto carry out Analysis as per the recommended Standards for various products and as well as for air,water and industrial effluents



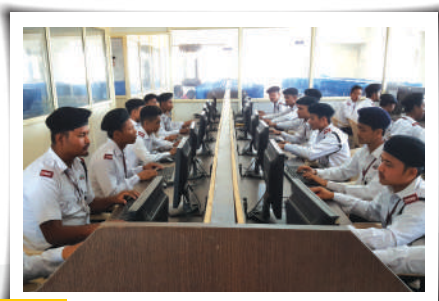


C) Job Functions of The Industrial Safety Diploma Holders

Position of Employment	Job function to be Performed
Safety Analyst	To carry out analysis of various Product samples such as pharmaceuticals food, oil petroleum products, paper pulp, coal, water, industrial effluents, cosmetics etc.
Senior Safety Analyst	To do all the job functions he/she has to supervise the methods employed are as per the I.S.I F.D.A.,G.M.P. etc. and also to see the routine functions of Instruments
Safety Officer	Planning & Supervising the work of analysis carried out and also check the proper functioning of instruments.
Safety Manager	Planning of Analysis to do overall surveillance of the SHE activity.

D) Job Functions of Fire and Safety Course Holders

Position of Employment	Job function to be Performed
Sub - Officer	Active fire fighting training, drills and parades of subordinates Assisting seniors in fire audit and fire inspections, Maintenance of fire fighting equipment and vehicles.
Station Officer	To discharge all the additional duties assigned by superiors. To perform all job functions of Sub - Officer To inspect fire fighting installations To take preventive measures and to follow safety guidelines. Reporting the Head for the training drills and parades. To inspect the premises of an industry and give professional advice. To carry out mass educational programme in fire preventions and protection. To discharge all the additional duties assigned by superiors.
Divisional Officer	To perform all job functions of Station Officer - Administration. Supervising Station Officer, advising them in discharging their duties. To discharge all the additional duties assigned by superiors.
Deputy Chief Fire Officer	To perform all functions of Divisional Officer - Planning and Administration. Conducting a training for the staff for enhancement of their capabilities, knowledge and skills.
Chief Fire Officer	To perform all job functions of Deputy Chief Fire Officer - Chief of the department. To see the welfare of the Staff Planning, administration and Decision.



About the Courses



Fire Engineering

Fire is one of the simplest form of energy known to man, Ever since man learnt to use it, it has been used for a variety of purpose. In the early days it was used to safeguard one from cold, as a source of light and as a medium of cooking food. Today, we see fire being used for a number of purposes. However, fire, like many other boons, is hazardous. This necessitates due care in its use. Invaluable lives are lost every year due to inadvertent fires. Similarly, property worth crores of rupees is destroyed by uncontrolled fire incidents. A number of industrial units suffer huge losses due to fire. Hence, it is necessary to understand the mechanism of fire and methods of prevention of losses from it, for the safe working of any industry.

The analysis of major fires, which break out in office type buildings, the main causes finally identified, were due to electrical short circuit / overheating of electrical equipment and open flame / unextinguished smoking materials. In industrial buildings, in addition to these sparks due to electricity / impact / friction and poor housekeeping are also identified as causes of major fire hazards. So while planning the fire prevention measures for any occupancy it is necessary to study in details the possibilities of fire due to all these sources and the preventive measures required. At last we know the fact that many valuable lives and crores of rupees of material are lost in fire accidents in all over the world.

This has created demand of trained fire safety engineering and fighters. This has also created wide business potential as well as growth in overall fire protection industry as a whole. Overall, the demand for highly trained Fire Protecting Engineers CFESM presenting fire and safety engineering courses to train students and promote knowledge of fire and safety engineering to join the new profession.

The systematic growth of fire industry mainly was in large sectors as well as Government sectors, but in recent times, the private sector has also shown tremendous growth due to accurate Fire law provisions and their implementations by authorities in each city, town etc. In future, the Government will enforce strict implementation of Fire codes in commercial industrial and other institutional sectors.

Safety Engineering

Aerospace, Military, Medical, Scientifically-advance project and High-Tech industries have relied on the system safety specialist to develop concepts, designs and product that have a high reliability of operations and low level of risk. Such specialists ensure that the safety concepts and mechanisms work correctly every time, without harm to users, operators or the equipments itself.

Safety professionals play an important role in the safety of all forms of Transportation, Railroads, Aviation, Shipping Corporations, Oil and Gas Pipelines, Chemical Plants and many Engineering involves the identification, Evaluation, and Control of hazards in man-machine system (Products, machines, Equipment, or facilities) that contain a potential to cause inquiry to people or damage to property Safety management consists of a set or safety programme elements, policies, and procedures, that manage the conduct of safety activity. Safety Engineering and Safety Management make up the integrated whole. While Safety Engineering can be viewed as being the administrative or software side of such prevention. Safety Management provides the structure within which the techniques of safety engineering are applied.

The purpose of this course is to provide the students with an understanding of industrial safety and accident prevention. By this course the student will gain knowledge of hazards in work place, management's liability and role in risk reduction, and the responsibilities of State and Central Government. The educational goal of CFESM is to introduce students to the technical means in regard to prevent and reduce injuries or accidents in work places, because it directly or indirectly treats a right to live for mankind. Another goal is to contribute to the industry and development of the country and promotion of citizens welfare in accordance with education of special engineers. Industrial safety engineering concerned with preventing accidents and minimizing their consequences as well as with reduction stress and inquiry to human being at the work place. Another important aspect is minimizing of property damage as chemical, electrical, mechanical, architectural safety engineering. Therefore, the trends in the recent research is technical means for effectively interfacing operations on the Man to Machine to Machine System.





A Safety Man's Prayer

When I am called to duty, God whenever
accident may occur give me strength to save some life
Whatever be it's age help me embrace a little
child before it is too late or save an older
person from the horror of that fate
Enable me to alert and their hear the weakest shout
and quickly & efficiently to pull them all out
I want to full my ealling & to guard my every
neighbor & protect his property.
And of according to fate I am to lose my life
please bless with year protecting
hand my children & Wife.



Facilities



CFESM extends teaching-learning activities beyond the classrooms in the form of sub group discussions, seminars, symposia, and visit to industries. A great deal of emphasis is laid on meditated learning through interactive sessions with gadgets like Overhead Projectors, Slide Projectors and other such audio visual aids.

Personality Development: It's another core aspect that CFESM gives a great deal of weightage to. In this direction, the Institute offers wide opportunities and exposure for the development of physical, mental, social, emotional, spiritual and moral growth of the students.

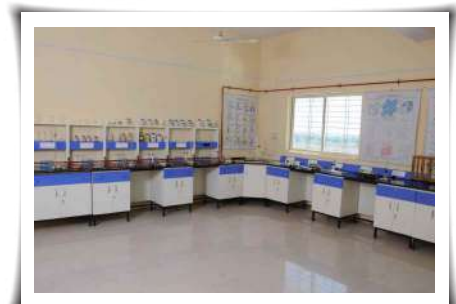
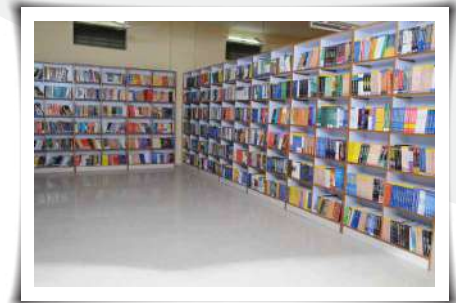
Guest Lectures: Special guest lectures and workshops are arranged in the area of Meditations, Indian culture, Human values, Leadership, Lateral thinking skills and Emotional intelligence. The students are also encouraged to present seminars in order to enable them to sharpen their, comprehension and expressions skills.

Career and Recruitment Cell: A special recruitment cell is appointed by CFESM for taking care of the training and placement of the student after completion of the course keeping view towards job prospectus in India and Abroad. Regular interaction with experienced academicians, industrial experts keep the students abreast with the ever-changing trends of the market. The staff always extends a helping hand to the students to guide them in all the queries related to their careers.

Sports & Athletics: To cater the needs for student's physical development various activities at regular intervals are arranged. The students participate in many indoor and outdoor events like cricket, volleyball, table-tennis, badminton, chess etc. This gives a great experience for the students and help many of them to carve out their personality. CFESM aims to develop sportsmanship spirit in the students through such activities.

Cultural Activities: Another core aspect to cater the needs for student's physical & mental development, CFESM had arranged cultural activities like Ganesh Festival and Annual Day Function. These events saw many artists performing dramatically.

Projects and Assignments: These form an integral part of the curriculum and give student the much needed hands on training to apply their acquired skills in real life situations.





Our International Students



Onalepelo Baseele



Maliko Magawe



Stanley Lekoko



Maphorisa Lindani



Kelly Monageng



Alfred Mackson



Gofentseone Stellaranko



Thapelo Madziba



Arone Ranhyena



Olefile Thelo



Sinombe Godfrey



Sonam Wangchuk



Karma Tshering



Chalashika Donald Chidzani



Gare Morgan



Milefi Vincent Aupa



Omphile Baoagi



Ramomene Ditiro



Thapelo Joseph

Placements



Mahesh Abuj
Schindler India Pvt. Ltd.,
Mumbai
Safety Officer



Devendra Phalak
Thermal Power Plant
Dipnagar
Safety Officer



Gajanan Suryawanshi
Britannia Ltd, Pune
EHS communicator



Chetan Patil
Pramad Fiber &
Glass, Nasik
Safety Officer



Sayyed Awes
Roshan Fire Services,
Nagpur
Fireman



Asad Khan
Scon Projects Pvt. Ltd.
Safety Officer



Vishal Ghule
Mahindra Mfg. Ltd.,
Pune
Fireman



Ajay Surwade
Mahindra Tower &
Engineering, Pune
Fireman



Saurav Vaishnav
Mahindra Mfg. Ltd.,
Pune
Fireman



Rahul Koli
Aritel by Nstra,
Pune, Fire Fighter
& Safety Provider



Vaibhav Patil
Offshore
Fireman



Aakash Rajguru
Ratnaarup Project
Safety Officer



Mayur Dengale
Majagaon Dockyard,
Fire Fighter



Sanket Magar
Google Office Commercial
Building, Pune
Fire & Safety Office



Sangram Satpute
Mahindra Manufacturing
Ltd., Pune
Fireman



Rohit Waghatkar
APS Networking, Pune
Safety Officer



Sudarshan Lomate
Endemolshine India,
Hyderabad
Fire Figher



Harshal Chaudhari
Shilpa Construction,
Bharuch
Safety Officer



Akanksha Varma
SI Group, Pune
ETP Supervisor



Rohan Shelke
Atharv Enterprises,
Nasik
Safety Supervisor



Rahul Lasure
Scivic Engg. India
Pvt. Ltd., Halol
Safety Engineer



Amol Kore
Majagaon Dockyard,
Mumbai
Fireman



Vishal Sarje
Aritel Deta Center,
Pune
Fire Marshal



Ejaj Khan
IFFCO Vdisa
Safety Supervisor



Tejas Patil
Paharpur Cooling
Tower Ltd.
Safety Officer



Pavan Lokhande
ACE Engg. Ltd.
Cranes
HSE Officer



Rameshwar Gaikwad
Katar Construction
HSE Officer



Shubham Firke
Amnora Mall, Pune
Fire Technician



Mayur Magar
Pragati Interior KRC
Project, Mumbai
Safety Supervisor



Sagar Suryawanshi
Paranjape Schemes
Construction Ltd.
Safety Officer



Jai Prakash Sharma
Shapoorji Pallonji &
Company Pvt. Ltd.
Sr. Officer Safety



Ajay Kumar
Navvuga Engineering
Company Ltd.
HSE Manager



Ashwin Narwade
VVF India Limited
EHS Officer



Sudarshan Mokhade
Aparna Enterprises Ltd.
EHS Manager



Sagar Potdar
Xrbia Developers Ltd.
EHS Officer



Vinod Bishnoi
L&T Hydrocarbon
Engineering Ltd.
Executive EHS

Placements



Mohd Abdullah
L & T Construction Pune
Asst. Manager EHS



Asapak Mulla
Cooper Corporation
Pvt Ltd, Satara
Ass Manager QMS & EOHS



Prince Soni
Amns india
(Essar steel) Surat
Asst Engineer-Safety



Suraj Bhendawade
Tata motors, Pimpri,
Pune
Supervisor



Amar Deolalikar
Mungi Engineers
Pvt. Ltd,Pune
Jr. Safety Officer



Vikram Wankhede
Cummins India, Pune
Fire Technician



VIKASH SHARMA
K. R. Engineers Pvt Ltd
(OIL & GAS SECTOR)
Safety Officer- Bhatinda



Vaibhav Shinde
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Namdeo Hake
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Rohit Karle
Hysung India Pvt Ltd
Aurangabad
Team Leader



Ashish Ranade
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Rushikesh Domse
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Rohit More
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Akshay Ghadage
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Honkarpe Akshay
Bhate & Rajee Construction
Pvt Ltd Pune
Safety Supervisor



Mohit M. Deshmukh
JSW Works
AM Fire & Safety



Nirajkumar
Bhate & Rajee Construction
Pvt. Ltd. Pune
Sr. EHS Officer



Anil Singh Yadav
Afoons Infrastructure Ltd.
Jr. HSE Manager



Sandip Jandhade
Electrotherm India Ltd,Gujrat
Safety Officer



Nikhilkumar
L & T. Vadodara
Gujarat
Sr Engineer



Pavankumar Dandge
Jagruti Technical Services
Pune
Safety Officer



Jabbar Pathan
Rachana Fire Engg
Aurangabad.
Project Officer



Savita Bhargawa
Tata Project Ltd
Pune
EHS Manager



Vishal Kurhe
Mumbai Metro
Mumbai
Safety Officer



Pragatheswar
Jecon engg, Hajira,GJ
Safety supervisor



Kohile Rajendra
L & T, Mumbai Metro
Mumbai
Safety Officer



Amit Naik
L & T Bullet Train,
Ahmedabad
Safety Officer



Khizarat Mansur Mulla
Millenium Engineers
Pune
Junior Officer EHS



Alfahad Nawaz
Tata Project
Pune
Safety Engineer



Sagar Patil
Indraja Fire Services
Pune
Site Engineer



Nikhil Jagtap
Electromech Infra Project
Mumbai
Safety Manager



Komal Durkar
Green Circle Pvt Ltd
Nashik
Sr Supervisor



Rohan Botre
Ultra Fire Tech System
Pvt Ltd, Pune
Site Supervisor



Md. Shahabuddin
Merrit Technologies
Chattisgadh
Safety Officer



Sampurna Nand Singh
Fermenta Biolec Ltd
Bharuch
Dy Manager



Abhishek Pandey
Black Cat Engineering,
Mumbai
Safety Officer



Murli Kushwah
Coca Cola
Bhopal
Safety Manager



Sudarshan R
L & T
Chennai
DGM



Mehara Ram Choudhary
Tata Project HRRL refinery
Barmer
HSE Engineer



Vaishali Rane
General electric
Pvt Ltd,Pune



Sayli Patil
Nexus Management
Solution Pune
Jr EHS consultant



Siddesh Hardas
Vishwaraj Sugar Ind.,
Karnataka
Safety Officer



Sangram Satpute
Mahindra & Mahindra
Pune
Leading Fireman



Ajay Surwade
Indo German Petrochemical
Taloja
Sr Fireman



Pooja Jain
T R Associate
Ahmedabad
EHS Advisor



Rushikesh Shelke
Shinsung C & T India
Pvt Ltd, Noida
EHS officer



Mayur Jadhav
JML Construction
Supa MIDC
Safety Supervisor



Kadam Rohidas
JML Construction
Supa MIDC
Safety Supervisor



Rohit Waghatkar
APSK Networking
Pune
Safety Officer



Pawar Sachin
Supreme Pipe
Jalgaon
Engineer



Swapnil Jalgaonkar
Leone Cabel Solutions
Pune
Safety Officer



Murli Krushnan
Wipro India
Banglore
Safety Head



Sandip Rathod
United Spirits Limited
Aurangabad
Fireman



Sneha Dhavale
United Spirits Limited
Aurangabad
Asst Manager



Prem Prakash Singh
JMC Project
Ranchi
EHS Manager



Vinayak Khachane
Reliance Mysure
Fire Safety Supervisor



Anup Dihingia
ONGC Ankleshwar
Gujarat



Taseef Kazi
Reflexions India Pvt. Ltd.,
Mumbai
Safety Engineer



Dinesh
ONGC
Bokaro Jharkhand
Fireman



Mampu Paul
ONGC
Tripura
Fireman



Ranjeeta Lakra
Nanavati Hospital
Advisor



Sayantika kumar
Tata Project
Pune
Manager EHS



VIKASH KUMAR
BUREAU VERITAS,Mumbai
Sr EHS Officer



Other Services Offered

- Consultant of Fire Hydrant-Courtyard, Wet-Riser – Down-Comer system, Sprinklers system, Fire Alarm & Detection Systems.
- Dealing of Fire Fighting- Hydrants / Safety Equipment's like Fire Extinguishers, safety products etc.
- Distributor, Service Provider and Supplier of Fire Fighting Equipment, Gas Flooding System, Water Spray System, Body Protection Accessories, Sign Boards, First Aid Consumables and Display Signs, Safety Equipments, all types of Fire Extinguishers, Fire System Accessories etc.
- Installation Services of all Fire Fighting and Safety equipments.

Fire Safety Audit :

We conduct Fire Safety Audits for Various Industries, High Rise Buildings etc.. as per National Building Code of India, 2005, and other relevant safety standards to identify all hazards for taking corrective & preventive actions. We also help to prepare emergency plans for fire safety and conduct mock drills. Fire Safety Audit is an integral & essential part of loss prevention strategy. The objectives of the Fire Safety Audit are to look after the safety, health & welfare of employees in the industry, to maintain the high standards of safe operation".

Fire Safety Training :

The actions of employees in case of fire are likely to be crucial to their safety and that of other people in the premises. All employees should receive basic fire safety induction training and attend refresher sessions at pre-determined intervals. CFESM conducts customized training considering the specific risk of fire at client's unit. Our training programs are designed in such a way that the contents are easily understood by all who are attending the training. Apart from practical demonstration of fire and proper ways to extinguish it, our training also includes the role that employees will be expected to play if a fire occurs."

Third Party Safety Audit :

CFESM conducts third party safety audits, generate a report that identifies any corrective actions required, and then indicate facility safety solutions based on "Best Practices". Our customized methodology has been designed to deliver findings and measures which truly proves to be a value-addition to client's HSE systems and has proved us the most reliable consultants for Third Party Safety Audits."



Rules and Regulations



Hostel is not compulsory but once opted, stay at hostel for a period of one year is compulsory. Hostel allotment will be done by the College on first come - first serve basis and no request for shifting from one hostel to another will be entertained for one year.

The personal belongings / valuables of the student, either in the hostel or in the College's campus should be safeguarded by the student only. College will not be responsible for the loss or damage caused to them.

At the time of taking admission and during subsequent academic semesters each and every student would be required to pay fee either by cash or DD, as per the fee schedule of the College. Late fee will attract penalty as decided by the management.

After the admission and during continuation of the semester / academic year, if any student desires to leave the College for any reason then the student shall forgo the complete fee (along with admission fee and allied charges) deposited by him/her with the College. It is also mandatory for the student to pay all his/her fee/installment(s) as per CFESM's fee structure

The number of seats and courses are designed according to the training / coaching facilities available. Admission to the specific course / discipline shall be granted strictly as per the norms and rules of the management committee which shall be final & binding on all concerned.

The management reserves the right to revise the syllabus, College timings or course duration, if found necessary.

The original Certificates / Documents will remain with the College till the completion of the course or till the withdrawal formalities have been completed.

70% attendance is compulsory irrespective of theory and practicals, in all subjects to become eligible for appearing in examinations.

Any matter not governed by the rules and regulation given in this prospectus, shall be suitably framed by the management as and when need arises which shall be binding on all concerned with retrospective effect.

In this brochure indicates Advance Diploma In Industrial Safety / Diploma in Fire Service Engineering or the matter allied to it.

All disputes are subject to Aurangabad Jurisdiction.

CFESM does not Guarantee Jobs

Fees once paid will not be refunded for any reason in any condition.





- Campus -

Gut No. 52, Harsul Sawangi,
Jalgaon Road, Aurangabad - 431008 (M.S.).
E-Mail : cfesm.aurangabad@gmail.com
Website: www.fireengg.in
Contact : 8411800093

- Pune Office -

Chandralop Tower, 33/1,
Canal Road, Datta Nagar,
Warje, Pune - 411058.
E-mail : cfesm.pune@gmail.com
Website: www.firesafetypune.com
Contact : 9923388555

