Fire Engineering

Thank you for downloading this document. This is part of the series “Unusual careers”. Lesser known careers are being researched and compiled by Mrs. Shobha Mathur. They are graciously being hosted on Karmayog.org and can be accessed at http://karmayog.org/careercounselling/

This document provides valid links to various courses. All the links are working and secure as on June 2011.

For any suggestion, amendment, criticism or praise, please contact me at shobham@yahoo.com
Navigate the Document Easily

For Adobe Acrobat Reader, please click the Book mark icon on the Tool Bar.

This will open a Bookmark panel to the left of the document. It has a list of all headings. Here you can click on any heading to go there directly.

For other PDF readers, if there is no such icon, please look for Book Mark panel under Menu bar headings. It might be under View or Windows.
Preface

This is a revamped version after about nearly two years.

Initially I wrote about 16 institutes. I visited them all again. Some have expanded; some have changes their course offerings, one or two have merged with someone else.

Then again some new ones have come up. Now there are 25 plus a link for Ph.D studies abroad.

I have filtered through more than 200 institutes to distill this list.

There are many institutes named by various education links, but many of them could not be contacted online. I have only listed ones that have a web presence.

There are now attempts to standardize safety measures internationally. I have given a brief introduction about those too. Some of the institutes have incorporated those guidelines in their syllabi.

Some institutes have a long list of national offices. I have simply given the links for them. Otherwise this document would become too bulky.

I would advise you to first visit the sites, and look around before making any decision.

All the listed links are secure, correct and working as on June 2011.

All the best.
**Introduction**

Fire Engineering is world's one of the noblest profession in saving life and property and requires a strong sense of commitment to public service.

A fire can be deadly if not prevented or controlled in time. Today there are many new materials and new objects are being invented and used. They need different techniques if alighted. Water does not work on all things and may even aggravate the situation.

Some fire hazards today are

- Aircraft Fire
- Building Construction and Structural protection
- Forest fires
- Chemical Combustion
- Electric Fires
- Gas Fires
- Ship Fires Petrol
- Petrochemical fires
- Explosives caused

They all need different treatment.

So today’s fire fighter needs to be aware of all kinds of hazards and techniques to deal with them. He also needs to be able to rescue lives from seemingly impossible situations and administer first aid.

A fire man is also needed in other disasters.

The role of fire engineers includes engineering design to operations and management.

It is both an art and a science.

**As an art.**

It is concerned with any building or structure for safety designs to protect both life and property in case of unwanted fire.
As a science it needs to

- Determine the cause of fire and possible extent of damage.
- Explore methods of preventing and controlling fire.
- Understand effects of fire on various places and materials.
- Understand behavior of affected people, and crowd control.
- Install alarms and other devices as detection systems.
- Install and maintain fire prevention equipments.
- Know about different kinds of fires, and dangerous materials and how to deal with them.
- Find new ways to maintain and improve the present fire fighting equipment.
- Know about rescue methods and equipments

Personality Traits

Fire engineers work in shifts in dangerous conditions and are at risk of burns, smoke inhalation and exposure to chemicals.

A fire engineer needs to be physically fit and agile, brave, patient, quick, disciplined and a good team player.

He needs to have a good knowledge of his district – the roads and buildings.

Eligibility Physical

He should be physically fit and free from any disease to undergo practical training.
Minimum acceptable physical standards
Height : Minimum 165 cms,
Weight : 50 kgs.
Chest measurement: 81 centimeters, with five centimeter expansion, Vision : 6 / 6, Preferably without any aid.

Eligibility Educational

Senior occupations in fire engineering require a bachelor's degree. However there are short term certificate and diploma courses for junior posts.
A degree in Fire Engineering can be a Bachelors of Engineering and post-graduate qualification of either Master's or PH.D level.

1. For most of the courses the eligibility is SSC or +2, with Mathematics, Physics and Chemistry.

2. One can also opt for a diploma in Fire engineering. For this course the duration varies from 3 months to 2 years.

3. The selection for BE in Fire Engineering is through Entrance test and it is normally held in May/June. The eligibility for BE in Fire Engineering is B.Sc with Chemistry and either Physics or Maths or both as optional subjects. The age limit for joining BE is between 19 to 24 and the duration of the course is 3.5 years.

4. For the post graduate qualification, a Bachelor of Engineering, B.E. degree in Chemical, Civil, Mechanical or Electrical Engineering is needed.

**Courses in Fire Engineering are**

Three-and-a-half year B.E. (fire Engineering) Degree including practical fire fighting training at major fire services

3-year B.Sc. (fire)

Firemen Training courses

Certificate and Diploma Courses

**Training**

Training of junior level fire professionals are conducted by the states in the State Fire Training Schools while the officers are trained in the National Fire Service College at Nagpur.
Job Prospects & Career Options

Fire engineers are in great demand by corporations, institutions, businesses and government bodies around the world.

For any case of fire accidents, fire engineers assess the extent of the damage, investigate the cause of the fire, the efficiency of equipment installed and so on.

There are huge employment opportunities for fire engineers in large manufacturing organizations specially those prone to fire hazard. For example, petroleum refineries, petrochemicals and plastic, fertilizers, textiles, LPG and LNG handling and bottling plants and chemicals plants are more prone to fire hazards.

Fire engineers are employed by fire departments of local government bodies, architectural and building design, project management, aircraft industry, industrial processing, etc.

Fire engineers may also work as surveyors in insurance companies.

This profession needs

- Safety Officer
- Safety Supervisor
- Safety Warden
- Safety Checker
- Safety Instructor
- Safety Auditor
- Safety-in Charge
- HSE assistant
- Safety Engineers
- HSE officers
- Design Engineer fire protection
- Estimation Engineer Fire protection
- Fire Alarm Technician
- Fire protection technician
Remuneration

In Government sector, the starting gross salary of a fire engineers could be in the range of Rs 5,000-7,000 per month.

After a few years of experience, opportunities in industry, office complexes, or other private sector establishments exist.

In private sector, salary on joining may gross around Rs 8,000-14,000 per month.

International Standardization

With safety concerns growing, now there are at least two standards getting International recognition. One is from USA and other from Europe.

Several of our institutes are also providing training according to these standards.

1. OSHA - in USA Congress enacted the Occupational Safety and Health Act of 1970 which created the Occupational Safety and Health Administration (OSHA). It’s mission is to help employers and employees reduce on the job injuries, illnesses and deaths.


2. IOSH - IOSH stands for Institution of Occupational Safety and Health - Europe's leading body for health and safety professionals.

http://www.iosh.co.uk/, http://www.safeworkingineducation.co.uk/iosh.html

3. NEBOSH - The NEBOSH is a National General Certificate course. The Certificate covers the main legal requirements for health and safety in the UK, identification and control of workplace hazards, and the practical application of this knowledge.

http://www.ugcs.co.uk/nebosh/what_is_nebosh.asp
Institutes and courses offered

I have listed public and private institutes that I could find on the net.

This list and information is correct as on June 2011.

1. National Fire Service College, Nagpur

In India, National Fire Service College, Nagpur is the premier institute. It offers a 3 1/2 years program leading to Bachelors of Engineering as well as specialized courses.

This comes under Govt. Of India, Ministry of Home Affairs, and basically caters for Government personnels, though for some courses private people can also apply.

Some courses previously conducted are discontinued.

To see the current course information, please look here:

PROGRAMME OF COURSES SCHEDULED FOR THE YEAR 2010-2011 AT NATIONAL FIRE SERVICE COLLEGE, NAGPUR & RTC'S IDENTIFIED BY THE MINISTRY OF HOME AFFAIRS.

http://nfscnagpur.nic.in/

Address

National Fire Service College, Palm Road, Civil Lines,
Opposite District Court
Nagpur-440 001
Telephone No(s) : 2565074, 2560476, 2560179
Fax : 0712-2560075
E-mail : nfscngp@sancharnet.in
GRAMS : AGNISHAMAN

Web: http://nfscnagpur.nic.in/
2. Delhi Institute of Fire Engineering

www.dife.in

Delhi Institute of Fire Engineering runs full time, distance learning and online programmes of different durations to develop vocational skills in Rural Youth aging between 18 to 35 years in the field of Fire Technology & Industrial Safety Training to bridge the existing ‘Vocational Skill Gap’ nationally.

Selection Procedure :

Selection will be made on merit on the basis of marks scored in the qualifying examination. Candidates may be called for an interview as decided by the management.

Prospectus and Application forms can be obtained from the Corporate Office / Institute’s Administrative Office on a cash / Bank Draft of Rs. 200/- or by post enclosing a Bank DD of Rs. 250/- in favour of “Delhi Institute of Fire Engineering” payable “New Delhi”.

Courses Offered :

Certificate Course in Fire Technology and Industrial Safety Management

(Recognized by Board of Technical Education, Govt. of NCT, Delhi)

  Duration : One-Year
  Eligibility : 10th or equivalent with science from a recognised Board of Education
  Age Limit : 17 years (Min.) and not more than 25 years

Certificate Course in Fire Fighting

(Recognized by Board of Technical Education, Govt. of NCT, Delhi)
Duration : Six-Month  
Eligibility : Matric (10th class) with science  
Age Limit : 17 years (Min.) and not more than 25 years

**Senior Fire Supervisor’s Course**

This course is conducted by the DIFE and the examination and Certification is by the Institute.

Duration : One Year  
Eligibility : 10 with Science and +2  
Age Limit : 17 years (Min.) and not more than 25 years

**Senior Fire Operator’s Course.**

This course is conducted by the DIFE and the examination and Certification is by the Institute.

Duration : Six Month  
Eligibility : Matric with Science and at least 45 % aggregate marks.  
Age Limit : 17 years (Min.)

**Certificate Course in Industrial Security, Rescue, Safety and Fire Fighting.**

This course is conducted by the DIFE and the examination and Certification is by the Institute.

Duration : Three month  
Eligibility : Matric with Science.  
Age Limit : 17 years (Min.)

**Part Time Course in Industrial Safety and Fire Management**

Duration : Three month  
Eligibility : Matric with Science  
Age Limit : 17 years (Min.)

The courses may change from time to time. For complete current details please visit: [http://www.dife.in/courses.php](http://www.dife.in/courses.php)
3. National Institute of Fire and Safety (NIFE)

NIFE established in 1992 is one of the premier institutes in the country offering diploma courses in the field of Fire & Safety, Lift technology and Dental technology.

Every year the institute takes a step forward introducing new courses that are highly valued across industries. The certified courses are recognized and enable a student to easily secure a well-paid job in a good company. NIFE also supports its students offering them placements in various industries & business houses both domestic and abroad.

COURSE DETAILS
The Sikkim Manipal University of Health, Medical and technological sciences along with NIFE, the pioneer Institute in Fire and Safety in India with 82 branches across the country and 15000 students on roll offers Graduate course. NIFE is the only authorized center of Sikkim Manipal University for Fire and Safety courses.

Please check details:
http://www.nifeindia.com/Content/viewContent.aspx?linkLv1Id=55&linkId=57

B.Sc. Safety Management

Exclusive Feature: Unique degree in safety from Sikkim Manipal University.
Unusual Courses

The only upgradation course available in safety Certification at every exit level

1st Year exit - Diploma in Fire and safety

2nd Year exit - Advanced Diploma in fire and safety

3rd Year exit - B.Sc. Safety Management Degree

It is conducted by the pioneer education institute in Fire and safety Degree certified by the oldest University accepted and known in India and abroad

Suitable for: Anyone who wants senior positions in Safety career/Anyone who wants to re-skill themselves/Anyone who wants to opt for long term modules

**Diploma in Fire and Safety (NIFE)**

The certificate accepted by prominent organizations in India and abroad for the last 18 years

**Suitable for:** Anyone who wants to fetch jobs in Safety, Scaffolding, Fire Protection Systems, Fire Fighting (Airport Jobs)

**Courses offered:**

**a) Diploma in Fire and Safety**
Eligibility: Plus Two
Duration: One Year

**b) Advanced Diploma in Fire and Safety Engineering**
Eligibility: Engineering Graduation or Diploma in Engineering
Duration: 4 months

**c) Certificate course in Fire Engineering**
Eligibility: SSLC Duration: 6 months

NIFE Head Office
32/1484C
Chirakkekaran Tower
Kochappally Road
Near Bypass Junction
Palarivattom
Cochin – 25
Kerala, South India
Tel: 0484 3004400

Fax: 3004499

Website - www.nifeindia.com

4. Institution of Fire Engineers (India)

To encourage, assist and extend comprehensive knowledge on all matters relating to Fire Engineering. To hold Conference, Seminars and open forums where persons of outstanding professions distinction in the field are invited to investigate the solutions of the current problems concerning Fire Engineering. To hold examination or text, oral or written to judge the competency of the Candidate or for award or Certificate, Diploma, Degrees.

Courses offered

Service & workshops personnel

Institution of Fire Engineers (India)

719, Jaina Towers - 1,
District Centre, Janak Puri
New delhi- 110 058

Tel : 011- 25502024 Fax: 011-25502025

e-mail : info@ifeindia.org
5. **Visvesvaraya College of Fire Engineering & Safety Management**


To get a Information Brochure/Prospectus send us a DD/M.O of Rs. 250/- in the favour of 'Visvesvaraya College of Fire Engineering & Safety management, 'Visvesvaraya Institute of Aeronautical Engineering & Technology Udaipur', 'Visvesvaraya Institute of Production & construction Engineering'

You can also collect the Information Brochure/Prospectus directly at the local centre by paying Rs. 200/- Cash.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION</th>
<th>ELIGIBILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Sc. (Fire Safety &amp; Hazards Management)</td>
<td>Three Year</td>
<td>12th pass in any Discipline</td>
</tr>
<tr>
<td>B.Sc. (Fire Safety &amp; Hazards Management)-LE-</td>
<td>2 Two Year</td>
<td>12th + DFSHM</td>
</tr>
<tr>
<td>B.Sc. (Fire Safety &amp; Hazards Management)-LE-3</td>
<td>One Year</td>
<td>12th + ADFSHM</td>
</tr>
<tr>
<td>Advance Diploma in Fire Safety &amp; Hazard Management</td>
<td>Two Year</td>
<td>12th pass in any Discipline</td>
</tr>
<tr>
<td>Advance Diploma in Fire Safety &amp; Hazard Mgt. - LE</td>
<td>One Year</td>
<td>12th +</td>
</tr>
<tr>
<td>DFSHM Diploma in Fire Safety &amp; Hazard Management</td>
<td>One Year</td>
<td>12th pass in any Discipline</td>
</tr>
<tr>
<td>Associate Degree in Fire Engg. &amp; Industrial Safety Management</td>
<td>Two Year</td>
<td>12th pass in any Discipline</td>
</tr>
<tr>
<td>COURSE</td>
<td>DURATION</td>
<td>ELIGIBILITY</td>
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</tr>
<tr>
<td>PG Diploma/Diploma in Fire Engineering &amp; Industrial Safety Management</td>
<td>One Year</td>
<td>Graduation/12th passed</td>
</tr>
<tr>
<td>Certificate in Rescue &amp; Fire Operator</td>
<td>Six Months</td>
<td>10th pass</td>
</tr>
<tr>
<td>Certificate in Health &amp; Safety</td>
<td>Six Months</td>
<td>10th pass</td>
</tr>
<tr>
<td>Certificate in Fire Safety</td>
<td>Six Months</td>
<td>10th pass</td>
</tr>
</tbody>
</table>

**Accredited by**


**Eligibility criteria**

A 10,12 (any stream), Engg. Diploma holder (any stream), under graduate (any stream), post graduate (any stream) pass candidate from recognized educational Board/University/Society/Institution is entitled for admission to these courses.

No entrance examination for admission to these courses, admissions are open on "Personal Interview Basis".

The applicants should have clean/good track record throughout his academic in school/college/service/post education life.

Duration mentioned is for training/ contact hours only.

Eligibility criteria and duration are subject to change if found necessary.
Students should know the fact that fees once paid are not refundable or neither adjustable under any circumstances.

**Admission Process**

Six passport size recent photographs, two sets of attested Xerox copies of mark sheet & certificate, leaving certificate, certificate to verify the date of Birth of the candidate.

A Demand Draft of Fees in favour of Visvesvaraya College of Fire Engineering and safety Management, payable at UDAIPUR (Raj.) must be submitted along with the admission form.

Affidavit -1 (One) or Affidavit -2 (Two) must be submitted along with the admission form.

Admission confirmation notice will be sent to selected candidate by post.

NO FORM WILL BE ACCEPTED WITHOUT ADMISSION FEE & AFFIDAVIT DULY EXECUTED.

**Contact Us**

Visvesvaraya Group of Institution
Tulsi Niketan, Hiran Magri,
Sec. No.4, Main Road, Udaipur - 313 002
Rajasthan, INDIA.
Ph: +91 294 2460656, 2460224
Fax : +91 294 2460656
Mobile: +91 92140 64190, 92140 64191
E-mail: info@visvesvaraya.org

For Student Help Desk: inquiry@ visvesvaraya.org

Visvesvaraya Group main Page:

6. **National Institute of Fire Engineering & Safety Management**

Welcome to "**National Institute of Fire Engineering & Safety Management**". This is the website which provides you the information on **Fire Engineering & Safety Management Training**. Institute which is having 35 centers all over India. Here you can get the details like Admission procedures, course details, placements, facilities and more. Through this website you can apply online and become a student of “NIFS” which is technically collaborated with one of the **largest and reputed university** - **Annamalai University** and approved by UGC, D.E.C, HRD Govt. of India.

We feel proud to inform you that ours is the only Organization in India giving training in **MBA (Safety Management)** / Diploma / PG Diploma, Advance Diploma level courses, Project Development, In House Training and **Placement Assistance** with major orientation in **Fire Engineering, Industrial Safety, Occupational Health & Environmental Engineering** including High tension / Low tension Electrical hazardous zones.

We offer the following courses in technical collaboration with Annamalai University, approved by UGC, D.E.C, Ministry of HRD Govt. of India.

- **MBA Safety Management** - 2 years / Any Graduation.
- **Diploma in Fire & Safety (DFS)** - 12 Months / 10th Class or Above
- **Diploma in Health & Safety Environment (DHS)** - 12 Months / 10th + ITI / + 2 Science
- **P.G. Diploma In Fire & Industrial Safety (PGDFSE)** - 12 Months / Any Degree
- **P.G. Diploma In Health, Safety & Environment (PGDHSE)** - 12 Months / B.Sc. / Diploma (3 Yrs) / B.E. / B.Tech

We also have International standard Safety courses. Please check here: [http://www.nifsindia.net/international_safety_courses.htm](http://www.nifsindia.net/international_safety_courses.htm)

**Here are the addresses of all 35 centers**:
7. Hyderabad Institute of Fire engineering

HIFE, the institution creating opportunities in the domains of Fire and Safety. HIFE, driven with a vision designed study courses which lead to lucrative & futuristic careers in diverse Arenas viz, Airline, Shipping and endless opportunities in the Construction Industry, to name a few. We have a dream - create jobs, realized it in the first year itself - 2004 and thereby HIFE an Institute with a difference was created!

Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Qualify as</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIPLOMA IN FIRE AND SAFETY ENGINEERING (DFSE)</td>
<td>6 months</td>
<td>Qualify as a frontline Contender in the Fire and Safety Management.</td>
<td>SSC passed /Undergraduates/Graduates/ITI Holders</td>
</tr>
<tr>
<td>Course</td>
<td>Time</td>
<td>Qualify as</td>
<td>Eligibility</td>
</tr>
<tr>
<td>--------</td>
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</tr>
<tr>
<td>2 P.G. DIPLOMA IN FIRE AND SAFETY ENGINEERING</td>
<td>1 year</td>
<td>Post Graduate course in Fire Safety, Industrial safety and Construction safety.</td>
<td>Engineering Graduates &amp; Diploma Holders with experience</td>
</tr>
<tr>
<td>3 CERTIFICATION PROGRAMME IN FIRE &amp; SAFETY ENGINEERING</td>
<td>3 Month(s)</td>
<td>Certificate program in Fire Safety, Industrial Safety &amp; Construction safety.</td>
<td>SSc or above.</td>
</tr>
</tbody>
</table>

The medium of instruction is English. For convenience of students, initially / basics are taught in Telugu, Hindi & Urdu.

**Admission Procedure**

All candidates seeking admission are required to furnish a registration fee of Two Thousand in cash or demand draft in favor of HIFE. All such candidates shall purchase the prospectus and submit the application form duly filled in to the Director, HIFE on or before the date specified by the institute along with the attested copies of necessary certificates.

**How to apply:**

Register through phone or e-mail.
For more details, visit [http://www.hifehyd.com/](http://www.hifehyd.com/)

E-mail: info@hifeindia.com, hifeindia@gmail.com
8. **Institute of Fire and Safety Technology (IFAST)**

http://www.ifastindia.com/

IFAST is the only institute recognised by NCVT (SDIS-MES Scheme of DGET), Govt Of India, Director of Technical Education, Govt of Kerala and Bharat Sevak Samaj (BSS) for conducting different courses in Fire and safety Engineering and having agreement with Central Public Sector Undertakings for a well disciplined Fire Fighting Training. Based in Kerala.

**Courses offered:**

**Bharat Sevak Samaj (BSS) Approved Courses**

- **Certificate in Fire and Safety Engineering**
  - Duration : 6 months
  - Qualification : SSLC pass and above

- **Diploma in Fire and Safety Engineering**
  - Duration : 1 yr
  - Qualification : +2 pass and above
PG Diploma in Fire and Safety Engineering
Duration : 1 ½ yr
Qualification : Any Degree / 3 yr Diploma and above

National Council for Vocation Training (NCVT) Courses

Fire and Safety Engineering Level I – Assistant Fire Operator
Duration : 300 hrs
Qualification : 10th Pass and above

Fire and Safety Engineering Level II – Fire & Rescue Operator
Duration : 300 hrs
Qualification : 10th Pass and above with completion of Level I Asst Fire Operator

Directorate of Technical Education (DTE)

Diploma in Industrial Safety Engineering
Duration : 1 yr
Qualification : Any B. Sc. Degree / 3 yr Diploma / B.Tech. and above

Diploma in Fire Safety Engineering
Duration : 1 yr
Qualification : Any B. Sc. Degree / 3 yr Diploma / B.Tech. and above

Address

Above Poonithura Post Office
Poonithura P.O.
Petta, Cochin – 682 038
Kerala,
South India

Tel # 0484 – 2306226, 9633447060

Email: ifast@vsnl.net
9. **National Fire Academy in Ajwa Road**

The fire Academy not only meets the present short fall of leading Firemen but also offers Sub Fire Officer Course to serve the requirements to met the future National and International Challenges.

Firemen's Training Course 10th Pass or Sponsored

**Address**

National Fire Academy,
Sardar Estate Cross Roads,
Vadodara - 390 019
Gujarat (India)

Email: contact@aiilsg.org


10. **College of Fire Technology**

College of fire technology has launched new professional courses so as to enable students to pursue the relevant profession by providing employment opportunities.

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Sc. (Fire &amp; Safety)</td>
<td>3 years</td>
<td>12th with science</td>
</tr>
<tr>
<td>ITI (Fireman Course)</td>
<td>1 year</td>
<td>SSC</td>
</tr>
<tr>
<td>Safety and Protection (ITI)</td>
<td>1 Year</td>
<td>SSC</td>
</tr>
</tbody>
</table>

http://www.collegeoffiretechnology.com/academics-program.htm
11. **Institute of Industrial Safety Professionals of India**

The Institution has been organising Safety Conferences, Safety Seminars and Safety Training Programmes for all levels of management, supervisors & workers. Safety Audits, Safety Surveys, Risk and Hazard Analysis, Preparation of On Site Emergency Plan, Preparation of Health & Safety Policy are the most important activities of the Institution.

The Institution has been conducting regular 1 year Diploma Courses at Bombay since the academic year 1982-83.

**FEES:**

The following fees are payable by each student:

a) Tuition Fees Rs.  1,000.00

b) Additional amount towards expenses incurred by IISPI for supply of stationery, copies of course material and expenses towards practicals, term work, Audio visual aids and other incidental expenses. Rs. 30,000.00
c) Membership Subscription for life Rs. 1,100.00

Total Rs. 32,100.00

Unless the fees in full are paid a student will not be allowed to attend the class.

Registered Office

002, Vaastu Residency,
Behind Nancy Colony,
Near S.T. Depot,
Borivli (East),
Mumbai – 400 066
Maharashtra, India.
e-mail: info@iispi.org

http://www.iispi.org/

12. GEMSTECH International Learning Centre

Have several courses for fire safety

Please see the details here:

http://www.gemstechnologies.com/ViewCourseDetails.aspx?cid=1

ASIA : REGIONAL OFFICE

Flat 402, -Manzil Chambers,Mehdipatnam,
HYDERABAD, AP, INDIA.
Tel: 0091-9346356290
0091-40-66106290
Email: info@gemstechnologies.com

http://www.gemstechnologies.com/default.aspx
13. **Indira Gandhi National Open University (IGNOU)**

School of Vocational Education and Training (SOVET)

**Advanced Certificate in Fire Safety (ACFS)**

- Minimum Duration: 6 Months
- Maximum Duration: 2 Years
- Course Fee: Rs. 20,000
- Minimum Age: No bar
- Maximum Age: No bar

**Eligibility:** 10+2 pass or CFS

This programme is offered in collaboration with CII and Premiershield. You can download the prospectus from the IGNOU website (http://www.ignou.ac.in) or obtain it from the Premiershield study centers.

The basic objective of this programme is to improve opportunities for school pass outs and up to graduates by developing skills in fire safety. This Programme will help in improving knowledge & skills of the students who are looking for carrier in Fire Safety and also for those who are already doing similar type of assignments.

**Address**

The Director,  
School of Vocational Education & Training,  
Indira Gandhi National Open University,  
Maidan Garhi,  
New Delhi - 110068  
India 📞 +91-29536982  
✉️ +91-29532993  
✉️ sovet@ignou.ac.in

http://www.ignou.ac.in/ignou/aboutignou/school/sovet/programmes/detail/2552
14. **Maharashtra Institute of Technology School of Distance Education (MITSDE), Pune**

http://mitsde.com/

MITSDE PG Diploma Fire Protection (PGDFP) joins with Assam Down Town University certificate to give Dual Certification.

A specialized training based on latest theories in fire protection including various aspects pertaining to design, installation, commissioning and maintenance of fire protection systems is the need of the hour. This in totality requires a special branch of engineering in its own right.

Many safety professionals work in manufacturing and production operation to ensure that working conditions & methods are safe for employees.

**PG Diploma Fire Protection (PGDFP)**

Duration 1 Year (2 Semester)

Eligibility: Graduates or Polytechnic Diploma Holders with three years experience.

Total Fees in Lump sum by Demand Draft  Payment 27,000

Fees Payable by D.D Payment along with Admission Form - 13,500

**New Admission Enquiry**

M: + 91 9011067684

admissions@mitsde.com

http://mitsde.com/frontend/programbar.aspx?id=V2SPy5q9Lmg
15. **NAM Institute of Professional Studies**

We are acknowledged widely as a High class Premier Educational Institute running by the name **NAM Institute of Professional Studies, New Delhi** being operated under Sudarshan Education & Research Society (Regd no-S/62660/2008).

**DIPLOMA IN FIRE SAFETY & HAZARD MANAGEMENT**

Punjab Technical University Degree plus a Certificate in Fire Safety & Hazard Management (CFSHM) from NAM

- 10+2 in any stream
- I year full time, 35000Rs. /Part Time – 20,000

**BSC in Fire Safety & Hazard Management**

Degree from Punjab Technical University, + Diploma in Fire Safety & Hazard Management (DFSHM) from NAM.

- 10+2 any stream 3 years
- Fees Part time 20000/ regular 35000 Rs.

**Address**

C-49 Savitri Nagar Main Road  
Maharshi Dayanand Marg  
Near Gullar wale Peer Baba  
New Delhi 110017

: 011–26013569, 26016549

**Phone No**

**Mobile**

: +91–9911757394  
+91–9540309471  
+91–9312871686

**E-mail**

: directornamips@gmail.com  
nilesh@namedu.net  
contact@namedu.net  
info@namedu.net  
namipsdelhi@gmail.com
16. **Collage of Fire Engineering and Safety Management, Aurangabad**

http://fireengg.in/

CHANDRALOP SHIKSHAN PRASARAK MANDAL was set-up in the year 2000.

CFESM is mainly focuses on the innovative approach to Fire Engineering and Safety Management. Students are regularly exposed to various fire fighting appliances and equipments.

It cater the needs of the outstation students separate hired hostels and quality mess facilities for boys and girls are provided at reasonable rates.

**Courses at a Glance**

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name</th>
<th>Duration</th>
<th>Intake</th>
<th>Recognised by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Post HSC Diploma in Fire Service Engineering.</td>
<td>2 Years</td>
<td>60</td>
<td>Maharashtra State Board of Technical Education, Mumbai</td>
</tr>
<tr>
<td>2</td>
<td>Advance Diploma in Industrial Safety</td>
<td>1 Year</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Post Diploma in Disaster Management</td>
<td>1 Year</td>
<td>60</td>
<td>Ministry of HRD Govt. of India</td>
</tr>
<tr>
<td>4</td>
<td>Fire Engineering &amp; Safety Management</td>
<td>1 Year</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Industrial Safety, Health and Environmental</td>
<td>1 Year</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Sr. No</td>
<td>Name</td>
<td>Duration</td>
<td>Intake</td>
<td>Recognised by</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>---------------</td>
</tr>
<tr>
<td>6</td>
<td>Fire Engineering (Fireman)</td>
<td>6 Months</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Industrial Safety Engineering</td>
<td>6 Months</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Environmental Engineering</td>
<td>6 Months</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Disaster Management</td>
<td>6 Months</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

**Eligibility Criteria**

Candidate having one of the following valid qualification can take the admission

- 10th pass
- 12th pass (any stream)
- Diploma pass (any stream)
- Any Graduation.
- Post Graduation.

Personnel of fire departments and or safety management departments from various Institutions/Organisations can seek admission for further advanced education and training program.

All those service personnel who are already engaged with their jobs and are vigorous to join this field for bright future.

**Note:**

Duration mentioned is for training/ contact hours only. Eligibility criteria and duration are subject to change if found necessary.

**Admission Procedure**

Purchase the information brochure which includes admission form. By sending DD or MO of Rs 300/- to institute in favour of **COLLEGE OF**
FIRE ENGINEERING AND SAFETY MANAGEMENT", payable at AURANGABAD (M.S.).

OR

Download from the website.

Fill duly and sign the form, attach photographs and certified copies of all required documents. Attach Employment certificate through your Firms/Organizations /Institutions, etc. (applicable for working personnel only)

Affidavit-1 and Affidavit-2 duly executed.

Submit the form in person or send it by post/courier along with DD of part payment/admission fee in favour of "COLLEGE OF FIRE ENGINEERING AND SAFETY MANAGEMENT", payable at AURANGABAD (M.S.).

After receiving the form you will receive the confirmation call and confirmation letter from the institute.

Note:

Admission will not be cancelled after telephonic/written confirmation. Hostel fee is non refundable. Institute will not be responsible for postal delay.

Address

N-7, Opp. Garware Ltd, Jalgaon Road, CIDCO, Aurangabad (M S) - 431 003,
Phone: 0240 - 2485686, 2487686
Mobile: 098906 78987
E-mail- info@fireengg.org

http://fireengg.in/
17. **Regional Directorate of Technical Education**

**List of fire collages in maharashtra.**

There is a complete list of Government Institutes with Institute Name, Address, Courses, Intake, Status.

These collages do not have a web presence of their own. Some of them have email addresses. You can see the full list here:

http://www.rdtenagpur.org.in/dipfe.php

18. **Delhi College of Fire Safety Engineering**

http://www.dcfse.com/content/page/contactus.php

Centre for Fire Safety Management & Training is an ISO : 9001-2000, Certified Institute, an unique and one of its kind in the Indian sub - continent with an objective to provide quality ‘hands on training’ in the field of fire and safety. In addition, this centre is also carrying out fire safety audit, safety survey and consultancy as per National and International standards.

<table>
<thead>
<tr>
<th>Name of the Course</th>
<th>Duration</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate Course in Fire Technology and Industrial Safety Management</td>
<td>1 Year</td>
<td>12th Pass</td>
</tr>
<tr>
<td>Certificate Course in Fire Fighting</td>
<td>6 Months</td>
<td>10th Pass</td>
</tr>
</tbody>
</table>

Address

B-12 B R Enclave Sector - 23,
Near IGI Airport
Dwarka,
New Delhi - 110075.
**Ph.** : +91 - 11 - 32085353/54 **Mob.** : +91 - 9811110534
**E-mail** : admin@dcfse.com
19. **Indian Fire Services Engineering & Safety Management College**


**Diploma in Fire Service Engineering**

- **Reg. by:** Govt. of Maharashtra - MSBTE & DTE (Mumbai).
- **Course:** Dip. in Fire Service Engg. - 40 seat.
- **Duration:** 2 Years.
- **Eligibility:** Course 12th pass or equivalent Any Graduation. Post Graduation.

**Hari Om Engg. Institute (Part of the institute)**

**Course:** B.B.A Fire Safety Management

- Duration: 3 years.
- Eligibility: 10 + 12 in any stream or equivalent.
- **Course:** M.B.A Fire Safety Management
- Duration: 2 years.
- Eligibility: Any Graduation.

All Courses: Check here:
http://www.firesafetycollege.com/Courses.php

**Eligibility & Admission Process**

No donation / No Payment seat, admission open on "First Come First Serve" candidate should be minimum S.S.C. / H.S.C. No entrance exam required.

**Address**

Plot No. 20, Rajyog, Vidyanagar, Jalna Road,
Aurangabad (M.S.) India – 431005
Ph.: 0240 - 2441332,
Cell: 9021080808, 9822830808
The Asian Fire Engineering College

The Asian Fire Engineering College, AFEC, is a division of ASIAN GROUP OF INSTITUTION & RESEARCH ORGANIZATION (Regd.No.:MAH/21/10 Gondia), a globally acclaimed pioneering group of institution in Education & Training.

Its quality education and rich experience of its expertise in offering global, industry-linked, technology-driven variety of programs with seamless features gives AFEC a unique head start in moving closer to its stated mission.

Courses offered:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Course</th>
<th>Duration</th>
<th>Eligibility</th>
<th>Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Diploma in Fire Engineering &amp; Safety Management</td>
<td>1 Year</td>
<td>SSC</td>
<td>120</td>
</tr>
<tr>
<td>5</td>
<td>Advanced Diploma in Fire Engineering &amp; Safety Management</td>
<td>1 Year</td>
<td>DFESM/Polytechnic/Graduation</td>
<td>30</td>
</tr>
<tr>
<td>6</td>
<td>Advanced Diploma in Industrial</td>
<td>1 Year</td>
<td>Graduation (B.Sc.)/Polytechnic/B.E./B.Tech.</td>
<td>30</td>
</tr>
<tr>
<td>Sr. No.</td>
<td>Course</td>
<td>Duration</td>
<td>Eligibility</td>
<td>Seats</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------------------------</td>
<td>--------------</td>
<td>----------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>7</td>
<td>PG Diploma in Fire Engineering &amp; Safety Management</td>
<td>1 Year</td>
<td>Polytechnic/Graduation</td>
<td>60</td>
</tr>
<tr>
<td>10</td>
<td>Certificate in Fire Engineering (Fireman)</td>
<td>6 Months</td>
<td>SSC</td>
<td>20</td>
</tr>
</tbody>
</table>

**Address**

**Head Office:**

AFEC,
Utsav Park,
Tirora Road,
Post : Kudwa, Tq
Distt: Gondia - 441614 (M. S.)
Tel. : 07182-325522,646022
Mobile : 9270875745,9764657045,9923623455
e-mail : asianfireengg@rediffmail.com,info@asianfire.org

**Corporate Office:**

AFEC,
Behind Vardhaman Petrol Pump,
Bhilai Road,
Kumahri,
Distt: Durg - 490042 (C.G.)
Tel.No. : 0771-3202254
Mobile : 9826880300,9926862262
e-mail: asianfireshe@gmail.com

http://www.cifs.in/aboutus.php

Being self sufficient the institute has all the facilities to provide the best ever training to a student who opts for a career at CIFS. The camp is equipped with a library and has all facilities for carrying out practical classes and mock drills.

Safety nets, protection equipments, breathing apparatus, helmets, fire hydrant systems, foam equipments, fire alarm systems, sprinklers etc. are some of the highlight features of the campus facilities.

Courses offered

<table>
<thead>
<tr>
<th>Name of the Course</th>
<th>Duration</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate Course in Fire &amp; Safety (CCFS)</td>
<td>3 Months</td>
<td>10th Class or Above</td>
</tr>
<tr>
<td>Diploma in Health &amp; Safety Environment (DHS)</td>
<td>12 Months</td>
<td>10th + ITI / + 2 Science</td>
</tr>
<tr>
<td>Advanced Diploma in Fire &amp; Safety (ADFS)</td>
<td>6 Months</td>
<td>Diploma / B.E. / B.Tech</td>
</tr>
<tr>
<td>P.G. Diploma In Fire &amp; Industrial Safety (PGDFSE)</td>
<td>12 Months</td>
<td>Any Degree</td>
</tr>
<tr>
<td>P.G. Diploma In Health, Safety &amp; Environment (PGDHSE)</td>
<td>12 Months</td>
<td>B.Sc. / Diploma / B.E. / B.Tech</td>
</tr>
<tr>
<td>Diploma in Fire &amp; Safety (DFS)</td>
<td>12 Months</td>
<td>10th Class or Above</td>
</tr>
</tbody>
</table>

http://www.cifs.in/courses.php

Address

Sri Rajarajeswari Complex,
Singarapettai Bazaar Street,
Mangalore Institute of Fire & Safety Engineering

http://www.mifse.com/

Mangalore Institute of Fire & Safety Engineering (MIFSE) has been established in March 2007. The courses offered by MIFSE are recognized by Govt.of Karnataka, Mangalore University, Karnataka State Open University and Institution of Fire Engineers (IFE) London, U.K.

- **Diploma in Fire & Safety**

This Diploma is one year Programme consists of 600 teaching hours.

Basic educational qualification is S.S.L.C pass.


- **PG Diploma in Fire & Safety**

This Advance Diploma Programme is a compact study of Industrial, Construction, Aeronautical and Marine safety.

Basic Educational Qualifications is Pass in any Degree or Completion of Three year Diploma Course.


- **Diploma in Fire & Industrial Safety:**

This one year Diploma programme is Recognized by Mangalore University.

Basic Qualification : Passed PUC or +2

• **Diploma in Fire Tech & Safety Management:**

Diploma in Fire Tech & Safety Management is approved by Distance Education Council (DEC), New Delhi.

Basic Qualification - Passed PUC or +2

• **NEBOSH INTERNATIONAL GENERAL CERTIFICATE**

**Course Duration:** 10 days plus 1½ days for exams

NEBOSH International General Certificate is a globally recognized health and safety qualification intended for companies or individuals working to international standards with regards to Health, Safety & Environment. This course focuses on the International Labour Standards (ILO) codes of practice.

**Address**

Mangalore Institute of Fire & Safety Engineering
2nd Floor, S.S Complex
Above Harsha, B. H Road
Ph:9060122933
Mail Id: info@mifse.com


**23. Sree Swathy Thirunnal Educational Foundation**

http://sstef.org/index/index/content/1060/SSTEF%20%20Specialised%20Courses.html

The vision and mission of SSTEF is educational in content, philanthropical in spirits, scientific in temper and humanitarian outlook.
DIPLOMA IN FIRE & SAFETY ENGINEERING

http://sstef.org/index/index/content/1060/SSTEF%20:%20Specialised%20Courses.html

Address

Sree Swathy Thirunnal Educational Foundation
Krishnancoil Junction
Neyyattinkara
Thiruvananthapuram

E-mail: office@sstef.org, neelakantan_pillai2000@yahoo.com

Phone: 0471 2226124 / 2224401 / 09349891313

http://sstef.org/index/index/content/1060/SSTEF%20:%20Specialised%20Courses.html

24. Collage of Fire Engineering & Safety Management, Kolhapur

CFESM is mainly focuses on the innovative approach to Fire Engineering and Safety Management.

Courses offered

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name</th>
<th>Duration</th>
<th>Intake</th>
<th>Recognised by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Post HSC Diploma in Fire Service Engineering.</td>
<td>2 Years</td>
<td>40</td>
<td>Maharashtra State Board of Technical Education, Mumbai</td>
</tr>
<tr>
<td>2.</td>
<td>Advance Diploma in Industrial</td>
<td>1 Year</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>
### Unusual Courses

#### Fire Engineering

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name</th>
<th>Duration</th>
<th>Intake</th>
<th>Recognised by</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Safety Engineering &amp; Safety Management</td>
<td>1 Year</td>
<td>150</td>
<td>Ministry of HRD, Govt. of India</td>
</tr>
<tr>
<td>4</td>
<td>Safety Engineering</td>
<td>1 year</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

**Address**

College Of Fire Engineering And Safety Management  
416012.

Phone : 91 – 231 – 2626882, (M) 9763337900  
E-mail : kiranpatil@firesafetycollegekop.com

http://firesafetycollegekop.com/courses/

**25. PhD Fire Engineering courses**

Five Overseas Universities and Colleges offer Doctoral degree. Check here:

http://www.hotcourses-nigeria.com/study/training-degrees/international/phd/fire-engineering-courses/slevel/15/cgory/qj.1-4/sin/ct/programs.html