



GOVERNMENT OF KARNATAKA

KARNATAKA STATE FIRE & EMERGENCY SERVICES DEPARTMENT

**ANNUAL REPORT (01-01-2014 to 31-12-2014)
(January to December)**



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INTRODUCTION

Fire & Emergency Services in Karnataka was first established in the year 1942 in Bangalore South & North under the administrative control of the Police department. Later, during the reorganization of the state, a few more fire stations at Bellary, Hospet, Mangalore, Udupi & Raichur were added to the Karnataka State. This system of functioning of fire services under the administrative control of the police department was continued till the enactment of Karnataka State Fire Services Act in 1964. Under the provisions of this Act, a separate Directorate of Fire & Emergency Services was created on 05.11.1965. Since then the department is working under the administrative control of the Director General of Fire & Emergency Services. Normally this post is held by an officer of the rank of Director General of Police. The Director General of Police also functions as the Commandant General of Home Guards and Ex-officio Director of Civil Defence.

The Director General of Fire & Emergency Services is assisted by the following officers in the day to day functioning of the department both in administration and technical matters:

- | | |
|---|---|
| 1) Inspector General of Police & Ad. Director General | - On posting from Police. |
| 2) Deputy Inspector General of Fire Services. | - On posting from Police. |
| 3) Director. | - Department Officer. |
| 4) Deputy Director (Tech.) | - Department Officer. |
| 5) Deputy Director (Admn) | - Department Officer. |
| 6) Deputy Director (Fire Prevention) | - Department Officer. |
| 7) Administrative Officer | - Department Officer. |
| 8) Asst. Controller of Accounts | - On posting from State
Accounts Department. |

For the day to day functioning, the activities of the department are further grouped as follows: **a) Operational b) Training c) Maintenance and d) Communication**

a) Operational:

This sub group is headed by 5 Chief Fire Officers based in Bangalore (2), Hubli (1), Mangalore (1) & Kalburgi (1). Under each Chief Fire Officer 2 to 4 ranges function at Bangalore (4), Mysore, Davanagere, Mangalore, Shimoga, Hubli, Bellary & Gulbarga. A Commandant of the rank of Chief Fire Officer is looking after R.A. Mundkur Academy, located at Bangalore. Each range is under the supervision of a Regional Fire Officer, who has control over 3 to 4 districts.

Each district has a District Fire Officer, under whom there are 3 to 8 Fire Stations. Thus at present there are 189 Fire Stations and 5 Fire Protection Squads (Vidhana Soudha, MS Building, VV tower, High Court & Raj Bhavan) in 157 taluks in 30 districts. In addition to this, another 23 Fire Stations, sanctioned by the Government, are yet to be opened. These 23 Fire Stations will cover all the remaining 20 taluks and additional requirement of Bangalore City. Out of functioning 189 Fire Stations, 12 Fire Stations are in Hoblies, away from Taluk Headquarters and a few major cities like Bangalore, Mysore, Mangalore, Udupi & Hubli have more than 1 fire station.

Functioning of the Station:

Except 12 nos. of Fire Stations in Bangalore City, which function on 3 shifts, the remaining 173 Fire Stations function in 2 shifts. In addition, Govt. in its order No.OE 144 KFS 2012 Dated: 02-02-2014 has sanctioned 3 shift duty system in State Municipal Corporations namely Mysore, Mangalore, Bijapur, Tumkur, Hubli, Belgaum, Bellary, Kalburgi and Davangere. The 3 shift system will be initiated in the above mentioned cities after appointing personnel through recruitment process in the department.

Timing of 3 Shift systems:

07.00 hrs to 14.00 hrs, 14.00 hrs to 21.00 hrs & 21.00 hrs to 07.00 hrs next day

Timing of 2 Shift systems:

08.00 hrs to 17.00 hrs & 17.00 hrs to next day 08.00 hrs

b) Training:

To train the newly recruited staff and in service personnel and also the employees of Industrial & Commercial establishments and other occupations, a well established training Academy (R.A. Mundkur Fire and Emergency Service Academy) is functioning at Bannerghatta Road, Bangalore since 02.11.1970. Facilities to accommodate and train about 180 to 200 personnel, at a time, are available in this Academy.

Apart from the conventional trainings, new areas of training like Fire Commando training and Breathing Apparatus Training using Breathing Apparatus Gallery are conceived in the Academy.

The following training program is conducted regularly in the training Academy:

1. 6 months basic training for newly inducted Fire Station Officers & Firemen
2. 3 months basic training & 4 months basic training at Fire Service Workshop for newly inducted Fireman Drivers and Driver Mechanics.
3. Regular Refresher courses for all ranks of executive officers and personnel of the department.
4. 30 days Job oriented course on Fire prevention & Fire Fighting to the general public.

5. 3 days training program for the employees of Cinema, Petroleum & Explosive storages etc.
6. Special training program ranging from 1 to 6 days for the employees and occupants of Banks, Hotels, Police and other agencies, are also arranged on request from the outsiders a nominal amount is collected as fee for arranging training and issuing certificates.

c) Maintenance:

A well established workshop to repair vehicles, Power take off and pumps of the department vehicles is available at Bannerghatta Road, Bangalore. Skilled mechanics, under the supervision of a Regional Fire Officer are available in the workshop to attend to day-to-day problems and maintenance of vehicles. Major repairs on transmission side, body etc, are got done outside through authorized Dealers/ Workshops. The staff of workshop is often detailed to the stations to attend to the repairs of pump and PTO.

d) Communication:

The Department has both line communication (Telephone) and Wireless Network. These communication systems are maintained under the supervision of an officer of the rank of Police Inspector, drafted from police wireless on deputation. Additional Wireless sets are required to replace a few existing defective sets to cover all the stations with new sets and also to cover the stations to be opened. The process of procurement of wireless sets and wireless batteries is in progress.

 **Motto:**

We Serve to Save

 **Value Statement:**

Karnataka State Fire and Emergency Services Department has and will continue to build capacities, professionalism, integrity, creativity, team work and challenges to achieve this through its training endeavors.

 **Cardinals of Discipline:**

Be obedient, keep smiling – Be punctual and committed – Work hard without fuss – Make no excuses and be honest.

 **Our Vision for – 2020:**

- ✓ The department aims to provide modernized Fire Prevention, Fire Fighting and emergency Safe Evacuation measures to life and property in the jurisdiction defined in Fire and Emergency Services Act;
- ✓ to reach the fire spot, within a minimum response time of 10 minutes, by zoning the area and coordinating with traffic regulators, based on fire risk;
- ✓ to enhance the number of Fire Stations, scientifically designing and locating the Fire Stations;
- ✓ to acquire and position need based hi-tech vehicles and equipments in the fire stations;
- ✓ to impart the state of the art advanced training to personnel and officers;
- ✓ to adopt fleet management and location finding gadgets to all emergency vehicles(GPS);
- ✓ to set up state of the art static as well as mobile command and control systems;
- ✓ to procure multirole and all-rounder vehicles and equipments;
- ✓ to bring all the Fire Stations and other allied agencies under a computer network for disaster management and real time management of a situation;
- ✓ to standardize the operational procedures and best practices;
- ✓ to revamp the service by means of reforms in the department and
- ✓ to live up to the expectation of the dictum “ We Serve to Save”, both during peace as well as war times.

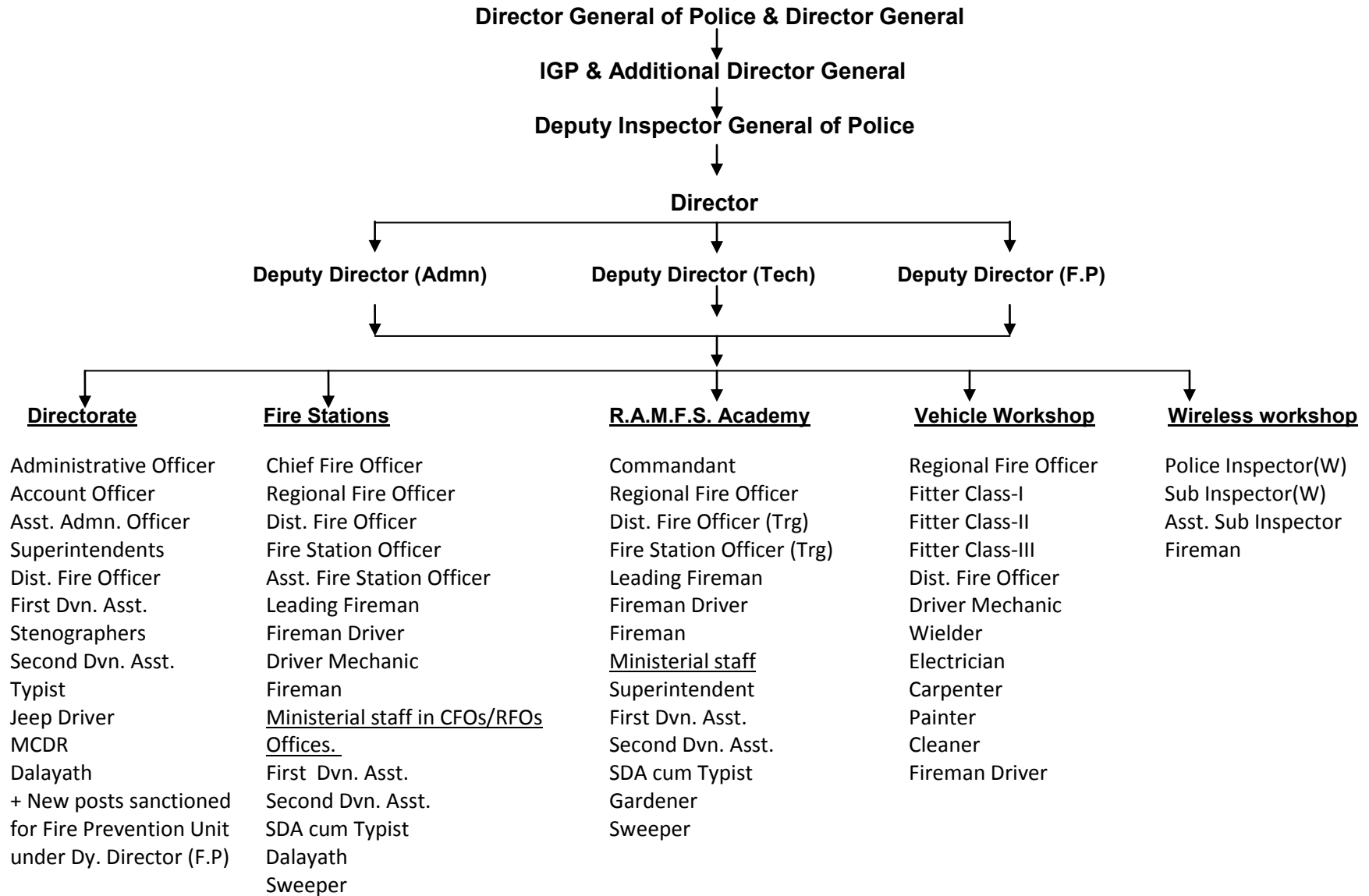
OBJECTIVES OF THE DEPARTMENT

- To save life and property of people from fire & other emergencies
- To search and rescue from manmade and natural disasters.
- To render advice on fire protection, fire prevention, emergency evacuation, mock drills
- To enforce fire safety measures in all fire hazardous places like multi-storied buildings, public amusement areas/resorts, public Assembly places, hazardous industries, warehouse / Godowns, commercial complexes and other such places:
- To impart training in basic fire prevention, fire fighting, rescue operations, evacuation drills etc
- To provide standby fire fighting arrangements at large public Amusement areas, gatherings and important public meetings;
- To create public awareness on fire prevention through mock drills, evacuation drills, fire fighting demonstrations, lecture classes, seminars, exhibitions etc and
- Addressing the issues of fire, rescue and emergency responses at grass root level through program SAFE – Students Association for Fire Education, designed keeping in mind younger generation and student community.

Quality parameters we strive to achieve:

- 1) The department desires Prompt response to fire and other emergencies. The response between the call receipt and fire fighting vehicle leaving Fire Station bay shall be maximum one minute.
- 2) To issue No Objection Certificate for various premises falling under the category of Public Amusement Act, Petroleum Act, Explosive Act, National Building code etc, within the stipulated period.
- 3) Imparting training in basic Fire fighting to security personnel, industrial workers, software personnel, general public, in-house personnel etc at R.A. Mundkur, Fire & Emergency Services Academy, to enhance awareness in the society.
- 4) Standby fire fighting arrangements for temporary structures, public gatherings, political rallies etc
- 5) Intensifying public awareness programs, on fire prevention for various sections of society viz. Children, housewives, security personnel, industrial workers and others.
- 6) Providing technical assistance and advice on conducting Fire Drills, evacuation drills, mock drills etc.

Structure of the Department: Organization Chart



Acts, Rules and Notifications of the Department

1) Standing Orders:

Under the command of the Head of the Department, this department has released 152 Standing Orders, which has simplified the routine office transactions as well as transactions with general public. They range from 1970 till to date. With respect to present changes, it has been decided to review and revise the standing order by appointing a review committee. It is a directive issued by Head of the Department and it is binding upon all personnel.

2) Departmental Circulars:

These are the written statement of Government policy/Department policy towards smooth functioning of the department. It helps in simplifying the routine transactions, both internally and externally. Through Circulars, regular directions are given to subordinate offices, for the smooth functioning of the department. A proper compilation and indexing is in progress.

3) Standard Operating Procedures:

An SOP of this department is a written document or instruction detailing all steps and activities of a process or procedure to be followed in different emergencies. This department being an emergency service department; has to respond to varieties of calls ranging from fire, rescue, building collapse, chemical leakage, radio-active material release, flood rescue etc. The standard operating procedure helps the personnel and officers in handling the situation in a systematic and correct way, avoiding confusion and delay. In the wake of increasing manmade and natural threats, the existing SOP's are under constant revision, depending on the field requirements.

4) Fire Services Manual:

The existing department manual came in to existence in the year 1979. The manual is quite exhaustive in dealing with different guidelines about conditions of service & duties, training, responsibilities of personnel and officers, conduct rules, discipline, Departmental Enquiry proceedings, inspection of public premises, usage of Fire Service appliances, procedure responding to fire calls, dress and equipment, maintenance of records, awards & rewards, monthly statements, ambulance service etc. With the advent of new changes in the administration, uniform, technologies, new procedures, changes in procedures etc the manual needs a revision. It is in the process.

5) **Fire Services Act:**

The existing department Act came in to effect in the year 1964. It deals about the maintenance of this department and several other allied procedures. A new Fire and Emergency Services Act is drafted and it is in the process of approval. The draft Act is more interactive and exhaustive in its nature.

6) **Fire Services Rules:**

The existing department Rules, under the Act came into existence in the year 1971. They deal with duties, responsibilities, standby arrangement of vehicles for public and government use, rewards etc. With the present context, these Rules need to be changed and they are under redrafting. In the draft focus has been given to general interactions with public, private and government parameters.

7) **Fire Service Notification:**

(i) The existing notification, with respect to Fire Precautionary Measures in Industrial and Commercial Premises came in to existence in the year 1971. It is exhaustive and generally covers different types of premises. Keeping in view the present scenario of bulk storages and usage of chemical materials, gases, corrosive materials, increase in high raise buildings, increase in transport godowns etc. This notification needs revision and it is in draft stage.

(ii) As per the Govt. Notification No. HD 33 SFB 2011, Bangalore Dated: 7-7-2011, the department has identified 8304 high rise buildings all over the state so far. Out of which 1961 buildings have been inspected in view of fire prevention measures and the survey is continued.

8) **Cadre & Recruitment Rules:**

Government in **Notification** No. HD 146 SFB 2008 dated: 10.09.2013 has issued a comprehensive notification revising the entire C & R Rules of the department. In the revised rules, separate committees have been constituted for the recruitment of direct posts like Fire Station Officer, Driver Mechanic, Fireman Driver and Fireman. Further, the educational qualification has been enhanced to **10th Standard Pass** in respect of Firemen Driver Mechanics and Fireman Drivers.

The qualifying age in respect of Fireman, Fireman Driver and Driver Mechanic is reduced from **38 & 33 year to 28 & 26 years** for reservation and general categories. In respect of Fire Station Officers, the minimum age in 21 years & maximum 28 years for reservation and minimum 21 years & maximum 26 years for general categories.

As per Govt's orders, department's Cadre and Recruitment Rules have been revised. Govt. has given approval and the Recruitment process has been launched formally.

The process of recruitment of personnel and officers is done on merit basis. The entire process of recruitment is computerized and video graphed to maintain highest level of transparency.

CHAPTER 2

1. Performance : Activities and achievements of the department for the past two years:

- During this period 04 new fire stations at Anekal, Srinivaspura, Nippani & Dharwad have been opened.
- In the year 2013 & 14, 42 New Officers/Staff Quarters have been constructed.
- **In the year 2014-15, grant of Rs.900 lakhs has been allocated under Special Development Project.** A proposal has been sent to the Govt. for approval of Rs.900 lakhs towards payment of Rs.450.96 lakhs to Karnataka State Police Housing Corporation Limited towards the work carried out in Bangalore, Belgaum and Mysore districts between 2009-10 & 2013-14 under Special Development Project and to carry out the construction work of total 42 quarters at Raibhag, Koratagere, Arakalagudu places at a estimated cost of Rs.449.04 lakhs.
- **In the year 2014-15, grant of Rs.600 lakhs has been allocated under Hyderabad-Karnataka Region Development Project.** A proposal had been sent to the Govt. for approval of Rs.600 lakhs, out of which Rs.134.30 was released by the Govt. in the first stage vide order OE 105 KFS 2014 Dated 21-02-2015, towards payment of Rs.134.30 lakhs to Karnataka State Police Housing Corporation Limited towards the construction works already taken up in Kalburgi district between 2009-10 & 2013-14 under Special Development Project and to carry out the construction work of Fire Stations at Sedam, Kalburgi and Kukunur and 26 quarters at a estimated cost of Rs.466 lakhs.
- **In the year 2014-15, a grant of Rs.1078 lakhs has been allocated under Capital Expenses.** A proposal has been sent to the Govt. for approval of the Action Plan for construction of a sophisticated Hostel building in the premises of R.A.Mundkur Fire & Emergency Services Academy, Bangalore and purchase of essential furnitures. Govt. has given administrative approval vide order No.OE 04 KFS 2014 Dated: 13-01-2015. Govt. will be requested to release the fund in this regard.
- 30 Nos. Laptops for Senior officers, 15 Nos. Proximity Suits, 3,408 lengths Delivery Hose pipes, 217 Nos. UPS, 160 Nos. Laser Printers, 60 Nos. Multi Function Devices, 04 Nos. Air Vent Blowers, 06 Nos. Petrol Driven Saws, 37 sets Water Mist - CAF & FF SYSTEMS, 17 Nos. Royal Enfield Bullets have been purchased. Kit Articles for the officers and personnel has been purchases at a cost of Rs.52,00,000/-.
- In the year 2014, during Republic day, the Hon. President of India awarded 02 Meritorious Service Medals for officers and 07 Distinguished Service Medals for officers & personnel & during Independence day-2014, the Hon. President of India awarded 01 Meritorious Service Medal for an officer and 04 Distinguished Service Medals for the officers & personnel of the department.

- In the year 2014, Hon'ble Chief Minister of Karnataka, after recognizing the selfless service of fire service personnel has awarded 44 Chief Minister's Gold Medals.
- As on 2014, totally 3791 working strength is available in the department, out of which 3400 officers and personnel have opted the membership of Arogya Bhagya Scheme. Under this scheme, at present, 95 hospitals have been enrolled. So far 628 officers/personnel have availed the benefits under this scheme at an expense of Rs.1,05,18,296/- (Rupees One Crore Five Lakh Eighteen Thousand Two Hundred Ninety Six). Other than this, under Medical Re-imburement, totally 226 officers/personnel have availed treatment for self and their dependents in eligible Govt. hospitals. Rs.13,07,069/- (Rupees Thirteen Lakh Seven Thousand Sixty Nine) has been re-imbursed for the officers/personnel of the department so far.

2. **Project: K SAFE 2010:**

1. To achieve the overall development of the department, in a set targeted period, the department has started a project called K-SAFE 2010. K-SAFE-2010 stands for **Karnataka State Accelerated Fire and Emergency Services Improvement Project**, with a target period of year 2010, but extended for a further period of 2 more years. The project has been sanctioned by GOK on 10.08.2005 at a cost of Rs. 323.30 crores.

The project has aimed at preparing a perspective plan for Accelerated Development, resulting in Expansion, Augmentation, Modernization, legal/regulatory reforms, scientific way of locating Fire Stations etc. Importance has been given to open Fire Stations in un-served taluks of the State. Thus the project aims to cover entire State and all the taluks of the state.

Basically the project aimed at improving the service conditions and services to general public. This project has the following mandate:

- a) Fire Station in each taluks.
- b) Up-gradation and Modernization.
- c) Disaster management/preparedness.
- d) Search and Rescue Operations (SAR).

3. **Project: Current Fire Hazard Response and Mitigation plan for Bangalore:**

1. **Introduction:**

1. The State Fire Services was initiated in 1965 under the Karnataka Fire Force Act, 1964. Since 1942, the Department was initially a part of the Police Department but 1965 onwards, it started functioning independently. The department, mainly a service oriented department, has now been reorganized as a Multi-hazard Response Department (Karnataka State Fire & Emergency Services Department - KSFES) and the first of the responders in all emergencies

like fire, building collapses, aviation & major road accidents, floods and other calamities. The overall control of the Department lies with the Home Department of State Government. The KSFES currently manages 189 fire stations in the entire state. In Bangalore, KSFES has established 16 fire stations, 5 Fire Protection Squads, a Training Academy and a State level workshop. Karnataka State Fire and Emergency Services, has the dual mandate of fire fighting (including fire prevention and fire safety) and Disaster Management.

2. Bangalore, the administrative capital of Karnataka State has been substantially affected by globalization and rapid urbanization over the last decade. It is the fifth largest metropolis and is one of the fastest growing cities in Asia. The total area of Bruhat Bengaluru Mahanagara Palike's (BBMP) jurisdiction has also grown considerably from 512 sq. km in 2001 to presently at 709.34 sq. km. The population of Bangalore has rapidly grown from 1.7 million in 1971 to 6.5 million in 2005, and is expected to be around 10 million by 2021. As a result, the City witness considerable horizontal and vertical growth.
3. Bangalore is expected to experience significant growth and development in future, which will instigate high-density development and in turn, correspondingly increases risk of fire/anthropogenic disasters. Considering an average of 5 years data (2010-14), KSFES receives about 16,441 fire calls and 1862 rescue calls annually. Department has succeeded in saving on an average of about 80 percent of the total properties involved in the fire incidences per annum and also saved many lives. The 13th Finance Commission Report for 2010-2015 recommend that grants provided to urban local bodies can be utilized to revamp the fire services within the jurisdiction.
4. To achieve the objective of revamping the fire services, these local bodies could provide financial support to the State Fire Services Department. As a result, KSFES was longing for the preparation of Fire Hazard Response and Mitigation Plan for Bangalore City to revamp and modernize the fire services in Bangalore. The Project preparation involved (i) review of existing situation analysis; (ii) rapid risk assessment; (iii) infrastructure needs assessment; (iv) review of modernization requirements of fire services; (v) institutional assessment; (vi) assessment of training and capacity building needs; and (vii) capital investment plan.

E-2. Rapid Risk Assessment

1. The risk identification and hazard mapping exercise forms the basis for planning or decision-making, such as ways to prevent the hazard (the cause), or minimize or mitigate the resultant harm (the effect). Given the scope of work and time frame, a rapid fire risk assessment has been undertaken for Bangalore city considering various factors such as population density, concentration of commercial, public assembly, industrial areas, high rise building and Major Accident Hazard (MAH) units, etc.

2. Total study area falls in 38 of the total 47 planning districts approximately. Some of the wards which are very partially falling in the outer planning districts are considered as part of the nearest planning districts to simplify the analysis. Of the 38, seven are classified under “Very High Risk (Richmond Town, Malleshwaram, Baiyyappanahalli, Peenya, CV Raman Nagar, Byatarayanapura), 12 as “High Risk”, 10 “Medium” and remaining 9 as “Low Risk” zones. Overall 14 percent of total area is classified as Very High Risk and this houses 19 percent of total population.

E-3. Needs Assessment

1. Present Scenario

7. **Table 1** indicates the present scenario of 16 existing & 5 sanctioned fire stations to combat the fire hazards in Bangalore City covering 198 BBMP wards in an area of 709.34 sq. km area.

Table 1: Present Scenario

Vehicles / Equipments	Actual Requirement	Available	Shortfall	Total Cost
	Nos.	Nos.	Nos.	Rs. in Lakhs
Hazmat Van	2	-	2	1,000.00
Advanced Rescue Vans	4	2	2	200.00
Water Tender	44	27	17	510.00
Water Lorry	10	10	-	-
Water Bouzer	10	07	03	90
Foam Tender	02	02	-	-
Water Mist on Motorbike (Agni)	20	04	16	160.00
Water Mist on Jeep (Varuna)	10	04	06	90.00
High Pressure Pumps	20	04	16	80.00
Portable Pumps	44	43	01	03.00
Aerial Ladder Platform	05	02	03	1000.00
Turn Table Ladder	03	01	02	1000.00
Control Post Van (Incident Control Vehicle)	02	01	01	30.00
Jeep	20	07	13	91.00
Light Tower-Inflatable Light Mast	27	11	16	48.00
Generator	29	13	16	09.60
Motor Cycle	28	13	15	07.50
Total	280	151	129	4,319.10

2. Future Plan

8. All though at present the department is in a position to handle the emergencies in Bangalore city, the department is in a constant endeavor to improve infrastructure and vehicles/equipments. Based on the Standing Fire Advisory Committee (SFAC) recommendations, one fire station should cover 10 sq. km of geographical area; accordingly 79 additional fire stations are required. SFAC also recommends that the requirement of fire station should also be worked out based on the risk involved and response time. A response time of a maximum of 3 minutes should be aimed at in high hazards areas, and in other areas the response time should not exceed 5 minutes. Based on average speeds in various zones and the response time, the area coverage, the total number of

fire stations required has been worked out as 79, of which 20 are available, and the remaining 59 needs to be developed.

E-4. Capital Investment Plan (CIP)

11. The total cost of proposed infrastructure under Fire Hazard Response and Mitigation Plan is estimated at Rs. 39,007 lakhs (Rs. 390.07 crores). The break-up of cost estimation is given in the following **Table 4**.

Table 4: Estimated Capital Investment

Sl. No.	Project Component	Numbers	Total Cost in lakhs
I.	Existing Fire Stations 20 nos.		
01	Hazmat Van	2	1,000.00
02	Advanced Rescue Vans	2	200.00
03	Water Tender	16	480.00
04	Water Lorry	--	-----
05	Water Bouzer	03	90
06	Foam Tender	---	-----
07	Water Mist on Motorbike (Agni)	17	170.00
08	Water Mist on Jeep (Varuna)	07	105.00
09	High Pressure Pumps	18	90.00
10	Portable Pumps	17	51.00
11	Aerial Ladder Platform	03	1500.00
12	Turn Table Ladder	02	1000.00
13	Control Post Van (Incident Control Vehicle)	01	30.00
14	Jeep	04	28.00
15	Light Tower-Inflatable Light Mast	18	54.00
16	Generator	17	10.20
17	Motor Cycle	20	10.00
II.	Proposed Fire Stations 59 nos.		
01	Water Tender	118	3,540.00
02	Rescue Van	05	500.00
03	Water Bouzer	10	300.00
04	Portable Pump	118	354.00
05	Motor Cycle	59	29.50
06	Procurement of Personal Protective Equipment	89	445.00
07	Turn Table Ladder	4	2,000.00
08	Foam Tender	4	120.00
09	Procurement of vehicles*	60	750.00
10	Modernization of Fire Stations (GIS/GPS, Wireless etc)		2,000.00
11	Capacity Building (Training needs including Disaster Management Academy)		2,500.00
12	Aerial Ladder Platforms	2	1,000.00
13	For New Fire Station Buildings at 59 Locations & 826 St Quarters (14 Quarters at each Fire Station)		20,650.00
	Total		39,006.70

Note: *Vehicles like (a) 30 nos. of Bike (Agni) with mist technology equipments (b) 20 nos. of Jeep (Varuna) with mist technology equipments & (c) 10 Nos. of Mini Water Tenders working on mist technology.

E-5. Institutional Arrangement

12. KSFES works under the administrative control of the Director General of Police and Director General Fire & Emergency Services. Normally the post is held by an officer of the rank of Director General of Police. The Director General of Police also functions as the Commandant General of Home Guards and Ex-officio Director of Civil Defence. KSFES is a closely knit Department with clear-cut reporting guidelines. Self-discipline and alertness is promoted in the Department at all levels and are generally strictly dealt with, in view of the State's perspective that public safety cannot be compromised at any cost. Generally, IPS Officers are policy decision making and sanctioning authority.
13. From the operational point of view, the Bangalore City has been given under the control of two Chief Fire Officers: 1. Chief Fire Officer, Bangalore East and 2. Chief Fire Officer Bangalore West. Bangalore City is further divided in to 4 Regions:
 1. Bangalore-East Range, 2. Bangalore-West Range, 3. Bangalore-North Range and 4. Bangalore-South Range. Under each Regional Fire Officer, 2-3 District Fire Officers function. These district Fire Officers are drawing and disbursing officers of respective district. They are also supervisory officers of the fire stations, falling under their jurisdiction. Under each District Fire Officer, 3-4 Fire Station Officers work. Fire Station Officers are the unit officers, directly looking after a Fire Station. They are assisted by Assistant Fire Station Officers. Each Fire Station has Leading Firemen, Driver Mechanics, Fireman Drivers and Firemen.
14. **Some of the needs to be focused are:**
 - (i) Infrastructure improvements/developments.
 - (ii) Provision of physical fitness equipments.
 - (iii) Provision of live simulation exercises.
 - (iv) Knowledge Park - A well equipped library with the latest fire & rescue related publications.
 - (v) Qualified and competent faculty.
 - (vi) Latest teaching aids - Computer based trainings.
 - (vii) New syllabus - Interactive and feedback based system along with practical oriented trainings.
 - (viii) Establishment of Proposed Karnataka Disaster Management Academy in Bangalore
 - (ix) Building a Search and Rescue Training Facility.

4. Budget Heads: Plan & Non-plan for the financial years 2011-2012, 2012-13 and 2013-2014

<u>2011-12</u>				
Sl. No.	Head of Account	Sub Head	Proposal Sent: In Lakhs	Allocations: In Lakhs
01	2070-00-108-1-01	002	62.76	61.44
		003	5938.33	4205.95
		011	3374.69	2987.17
		014	1523.47	451.72
		015	45.00	23.38
		020	---	23.00
		021	---	77.00
		041	50.00	30.00
		051	120.00	97.32
		071	85.00	66.86
		101	30.00	26.00
		104	10.00	5.20
		147	6540.00	126.33
		180(P)	700.00	600.00
		180(NP)	2420.00	277.68
		195	1000.00	644.55
02	6003-00-104-02-0	221	100.00	50.00
<u>2012-13</u>				
Sl. No.	Head of Account	Sub Head	Proposal Sent: In Lakhs	Allocations: In Lakhs
01	2070-00-108-1-01	002	65.75	61.17
		003	5656.62	4369.34
		004	--	664.58
		011	3974.95	3721.64
		014	860.55	71443
		015	55.00	23.92
		041	60.00	31.20
		051	130.00	101.21
		071	95.00	69.53
		101	30.00	27.04
		104	10.00	540
		147	250.00	131.38
		180(NP)	2000.00	288.79

		180(PLAN)	1420.00	600.00
		195	1000.00	808.63
		221	100.00	52.00
2013-14				
Sl. No.	Head of Account	Sub Head	Proposal Sent: In Lakhs	Allocations: In Lakhs
	2070-00-108-1-01	002	111.51	114.28
		003	11624.47	8731.03
		011	477.36	1238.34
		014	1686.73	1191.29
		015	55.00	55.00
		041	60.00	45.00
		051	230.00	175.00
		071	95.00	75.00
		101	30.00	30.00
		104	10.00	6.00
		147	250.00	150.00
		180(NP)	3000.00	1000.00
		180(PLAN)	800.00	1344.00
		195	1000.00	1000.00
		020	45.95	-
		021	231.24	-
	6003-00-104-02-0	221	100.00	60.00

CHAPTER - 3

Not applicable to this Department

CHAPTER 4

PART - I: Amendments to legislation:

This department has an Act called as **Karnataka Fire Force, 1964**. It extends to the whole on the State of Karnataka. It shall come into force in any area on such date as the State Government may, by notification in the official Gazette appoint, and different dates may be appointed for different areas. Provided that when the Fire & Emergency Services is sent to any place outside any such area Act shall be deemed to be in force in such place for all purposes connected with service therein.

The Act has remained un-amended from 1964. A revised draft Act is under scrutiny and has to be sent to Govt. for approval.

PART-II: Explanation about new legislation:

In the draft Act, the following amendments are proposed:

- a. Section-2 : Definition
- b. Section-5 : Superintendence and control of the Fire & Emergency Services:
- c. Section-7 : Issue of certificates/Identity Cards to Members of Fire Service
- d. Section-8 : Auxiliary Fire and Emergency Service
- e. Section-9 : Power of the State Government, The Director General of Police and Director General and members of the Service.
- f. Section-10 : Powers of members of services on the occasions of fire/rescue/ any other emergency involving life and property
- g. Section-13 : Fire Preventive Measures
- h. Section-17 : Fees

PART- III: Evaluation studies of subordinate offices:

A systematic evaluation study process is available in the department. The details are as below:

1. With respect to inspection of subordinate units for evaluation process a Standing Order NO. 148 dated: 13.05.2008 has been issued by the department.
2. The department has supervisory officers like District Fire Officer, Regional Fire Officer and Chief Fire Officer, to inspect the Fire Stations and evaluate the performance.
3. The District Fire Officer (DFO) being the First Level Supervisory Officer shall inspect all Fire Stations falling under his jurisdiction twice a year. These inspections are done in two stages: First Half yearly completed before 30th June of every year and Second Half yearly, completed by the 31st December of the year.
4. The next level of supervisory officer, Regional Fire Officer shall inspect all Fire Stations under his jurisdiction once in a year, including DFO offices.
5. The Chief Fire Officer (CFO) will inspect one third of Fire Stations falling under his jurisdiction once in a year. He will inspect 50 % of DFO and all offices of RFO in his jurisdiction, once in a year.
6. Deputy Director (Technical) will inspect the workshop once in a year and review its functioning in detail.

7. Deputy Director (Administration) will inspect the Fire Service Academy located at Bangalore and all the CFO offices every year.
8. The Director Fire Services will inspect 50 % of the offices of CFO, Fire Service Academy and Workshop every year.
9. DIG Fire Services and IGP and Additional DG will undertake frequent visits to various field units and examine their functioning from close quarters. They also, once in a year inspect one fire station in each CFO jurisdiction in the state, inspect 25 % of the offices of RFO and 25 % of offices of CFO every year.
10. Every office maintain Chicket Books, officer wise and paste all the inspection notes and compliance reports of the concerned officer chronologically in it. These will be made available to the supervisory officers at the time of inspection or visit for perusal.
11. Based on the guidelines issued in the Standing Order, the supervisory officers are inspecting the offices and reporting the findings with respect to discipline in personnel, vehicle conditions, infrastructure condition, equipment condition/usage/requirement, administrative issues etc.

PART -IV: Reports/publications, brought out by the department

1. K-SAFE 2011 (**Karnataka State Accelerated Fire and Emergency Services Improvement Project**) Project Report aiming the overall development of the department, in a set targeted period, with a target period of year 2010, but extended till 2013. The project has been sanctioned by GOK on 10.08.2005 at a cost of Rs. 323.30 crores.
2. Current Fire Hazard Response and Mitigation plan for Bangalore City. This project report aims at risk assessment and mitigation of hazards in Bangalore city.
3. For the use of general public, periodically small booklets and hand outs on fire prevention are regularly printed and distributed.
4. For the use of school children, cartoon book “Uncle Dash and Baby Palm” has been printed and distributed.
5. To create awareness among residents of high rise building occupants, a booklet, in collaboration with Barton Centre, has been printed and distributed.
6. A booklet on school Fire Safety, both in Kannada and English has been printed and distributed to different schools in the state. Printing of few more similar materials is in the piping

CHAPTER 5

1. Achievements in Human Resource Management & Achievements in Administrative Activities:

- a. The code of conduct of this department are the document designed to influence the behavior of employees. They set out the procedures to be used in specific ethical situations, emergencies, day to day activities, administrative duties, executive duties etc. The effectiveness of these codes of ethics depends on the extent to which management supports them with sanctions and rewards.
- b. In this direction this department has taken several measures and also has issued guidelines for the smooth functioning of the department, in delivering services to public, in responding to emergencies, either to save life or property or to attend a standby duty etc. Any violation of these directions leads to invoking of disciplinary measures as per the disciplinary rules of this department.
- c. By virtue of the nature of job, it demands appropriate rewards, commendations, medals, appreciation, recognition etc. The practice of sanctioning of cash rewards, good service entry, commendation etc are already in practice in this department. Cash rewards are sanctioned to officers and personnel for discharging exemplary duty in responding to emergencies. Similarly good service entries are recorded in the Service Register of an officer or personnel for performing exemplary service, in emergencies. For the dedicated employees, commendation certificates are issued. Apart from this, Chief Ministers Gold Medal, Presidents medal for meritorious service and president's medal for distinguished services are awarded to officers and personnel of this department.
- d. **The Karnataka State Fire and Emergency Services Department has adopted the following measures, in different areas, to simplify the administration and also to bring reforms in the administration:**

1) **Delegation of financial powers:**

Government in Order No. FD 2 TFP 2010, Bangalore, dated: 30.04.2010 has enhanced the delegation of financial powers to various levels, resulting in speedy sanctioning.

2) **Drawing and disbursing power:**

In the year 2008 there were more than 119 drawing and disbursing officers in the department. With the increase of targeted 209 Fire Stations, the number of drawing and disbursing officers of the department would have increased to more than 250. With this huge number of drawing and disbursing officers, distribution, tracking and compiling of budget would have been a cumbersome process. Accountability and fixing responsibility for improper use of budget would have been very difficult. With an intention to simplify the whole process, the department approached the government and streamlined the process of drawing and disbursing by reducing the number of drawing officers to less than 50. Further, adoption of HRMS system, depositing payment directly (ECS) to respective bank accounts, depending on e-mails for data transfer has eased the transaction level of drawing and disbursing officers.

3) **Inspection powers:**

This department is vested with the powers of inspecting different premises falling under Public Amusement Act, Petroleum Act, Explosive Act, Cinematography Act, Video Act, National Building Code etc and for issuing no-objection certificates. The DGP and DG has decentralized the inspection powers and has delegated the powers to inspect and issue no-objection certificates ranging from the unit officer i.e. Fire Station Officer to head of the department i.e. DGP and DG.

Standing Order No. 139 and its amendments clearly spell about the inspection powers vested to individual officer at different levels.

4) **Maintenance of Service Registers and leave records:**

As a part of decentralization of powers and to ease administration, the power to maintain service registers of up to the rank of Asst. Fire Station Officers, sanction periodical increments, regularization of leave of personnel, up to 90 days, has been delegated to Regional Fire Officers. The service registers, leave particulars and other records belonging to Fire Station Officers and above rank officers are maintained at head office.

5) **Training:**

To train the newly recruited staff and in service personnel and also the employees of Industrial & Commercial establishments and other occupations, a well established training Academy (R.A. Mundkur Fire and Emergency Service Academy) is functioning on Bannerghatta Road, Bangalore, since 02-04-1970. Facilities to accommodate and train about 180 to 200 personnel, at a time, are available in this Academy.

Apart from the conventional training programs, the department has geared up for new types of trainings like Fire Commando Training, Breathing Apparatus Gallery with simulators, live fire fighting training etc.

6) **SAFE (Students Association of Fire Education):**

It is a dedicated fire prevention awareness program conducted at schools, addressing the awareness program at grass root level. For this purpose middle and high schools are adopted and school fire brigades are created. At present Officers from R.A. Mundkur Fire and Emergency Services Training Academy are looking after this responsibility.

7) **Awareness Programs:**

The department has created a cartoon book “Uncle Dash and Baby Pom” for the benefit of students. It is an awareness literature on various aspects of Fire Prevention. Apart from this, several other printed materials on awareness, fire prevention and evacuation methodology is

being regularly printed and distributed by this department, for the awareness of general public. Throughout the state, during the month of April, Fire Service Week is celebrated between 14th April to 20th April, comprising awareness programs.

8) **Mock Drills and Evacuation drills:**

This department is regularly conducting mock drills and evacuation drills in various government and private premises. This program is a part of awareness program and also to get acquaint with risks associated with various kinds of premises.

9) **Computerization of the department:**

The head quarters is fully computerized with LAN and broad band internet facility. Entire pay package of the department is running on HRMS of e-governance department. For each of the drawing officer and up to district level offices, computers, printers, UPS and broad band facility has been provided. This facility has been extended to few fire stations.

A dedicated e-mail system has been introduced for daily and routine transactions. It has reduced the time to collect information, statistics and details.

A good number of personnel and officers have been trained in system administration, networking administration etc, both at head quarters and at Fire Station level.

The process of computerization up to the unit level is in progress. This is being planned to be achieved through e-governance department, as a part of implementation of KSWAN project.

10) **Website:**

All the details of this department are uploaded in the website **karunadu.gov.in/ksfes**. The new version of website is in the final stages of refining with e-governance department and it will be made available to general public shortly.

11) **Blog and Media Watch:**

The department has maintained a blog, **blog.ksfes.gov.in**, and **mediawatch.ksfes.gov.in**, having a purpose of sharing information with media, general public and other departments. It is also designed to interact with the general public and get feedback from them.

The media watch blog, updates all the events, happenings and news items of this department.

12) **Fire Service Workshop:**

A well established workshop to repair vehicles and pumps of the department is available at Bannerghatta Road, Bangalore. Skilled mechanics, under the supervision of a Regional Fire Officer are available in the workshop to attend to day-to-day problems and maintenance of vehicles.

Major repairs on transmission side, body etc, are got done outside through authorized Dealers/ Workshops. The staff of workshop is often detailed to the stations to attend to the repairs of pump and PTO.

13) **Fire Service Wireless Workshop:**

The Department has both line communication (Telephone) and Wireless Network. These communication systems are maintained under the supervision of an officer of the rank of Police Inspector, drafted from police wireless on deputation. The wireless communication is working on two bands i.e., 148.525 & 148.725 Mhz. frequencies. Repeaters with frequencies 167.3375(RX), 173.3375(TX), 167.4125(RX) and 173.4125(TX) are functioning in Bangalore, Mysore, Mangalore & Hubli Ranges. Plans are in place to extend these repeater facilities to other major cities.

- 14) **Central Fire Control Room:** A re-modeled, Central Fire Control Room is functioning from the premises of High Grounds Fire Station, located on Sheshadri Road, Bangalore. Each Fire Station has a smaller control rooms known as watch rooms.

The existing Central Fire Control Room is not designed to cater the multi-hazard response and control system and Multi-tasking. But, it is in a process of up-gradation as ‘Command and Control System’ including ‘mobile incident control system’, for enables real time monitoring of a multi-hazard situation through GIS/GPS integrated technologies, proper fleet management, fleet monitoring, need based response etc.

A toll free 101 Telephone facilities are provided to general public, across the State, to summon the services of this department. The general public can contact the department even from coin telephone booths, without putting a coin.

From 15.8.2013 a State Fire Control Room has been established in the premises of Central Fire Control Room and collects every day data on major fires occurred in the state and re-transmits to all the senior officers of the department.

- 15) **Stand by duties:**

Standby of fire service vehicles has been provided at totally 1827 places during VIP / VVIP visits and for law and order situations is also arranged. As a precautionary measures, public are availing this service on payment basis, as per Govt. Orders.

- 16) **e-Services:** The department is in a process of developing e-services with the help of e-governance department under KSWAN program. This project is about implementing electronic forms through State Portal and Service Delivery Gateway. Two unique services of this department have been identified for public use, under SAKALA. They are:

- 1) Issue of no-objection Certificates to various agencies and
- 2) Issue of different types of reports to public and private agencies.
- 3) Responding to both manmade and natural disasters

These services will be integrated with e-governance portal, KSWAN project and department website. General public can interact with the department to get various services, either free of cost or on payment basis, depending on the relevant Govt. orders.

Introduction of self-appraisal formats, for applying for no-objection certificates through this facility is one of the major services that the department wants to take to applicants premises.

17) Software for High Rise Building NOC processing: System requirement study is completed. Trial implementation starts shortly. It will be linked to department website.

18) **Right To Information:**

RTI Statistic for the years 2012, 2013 & 2014

Month	Representations Received	Representations disposed	Amount of Govt. fees collected for issue of documents	Month
January-2012	8	8	-	2150
February-2012	13	13	-	144
March -2012	7	7	-	2100
April -2012	4	4	-	690
May-2012	8	8	-	190
June-2012	7	7	-	452
July-2012	4	4	-	30
August-2012	4	4	-	95
September-2012	4	4	-	269
October-2012	7	7	-	5082
November-2012	7	7	-	314
December-2012	7	7	-	192
MIÄÖ	80	80	-	11,708
January-2013	11	11	-	1867
February-2013	5	5	-	6576
March -2013	9	9	-	271
April -2013	4	4	-	2046
May-2013	2	2	-	274
June-2013	2	2	-	60
July-2013	7	7	-	70
August-2013	5	5	-	110
September-2013	4	4	-	950
October-2013	6	6	-	300
November-2013			-	
December-2013	3	3	-	98
MIÄÖ:-	58	58	-	12622
January-2014	07	07	-	120
February-2014	12	12	-	264

March -2014	13	13	-	549
April -2014	20	19	01	370
May-2014	26	26	-	330
June-2014	14	14	-	884
July-2014	04	04	-	106
August-2014	22	22	-	420
September-2014	20	18	2-	466
October-2014	13	13	-	150
November-2014	14	11	03	605
December-2014	11	10	01	348
MIÄÖ	237	230	07	17332

18. Facilities provided to the Officers/Staff:

1. 30 days salary is paid in lieu of Gazzetted holidays on 1st June of every year, as per order No. OE 114 KFS 1995 dated 20-5-1997 (Earlier this was 15 days with effect from 1982).
2. Rs.150/- is paid in lieu of weekly off as per Govt. order No. OE 69 KFS 2014 dated 19-12-2014.
3. Feeding Charges at the rate of Rs. 40/- in Bangalore and Rs. 30/- outside Bangalore is paid to the employees if they perform more than 6 hours of duty within the municipal limits.
4. Washing allowance at the rate of Rs. 100/- per month is paid as per Govt. Order No. FD 12 SRP 2012(III) dated 14.06.2012, to all the cadres from Firemen to Fire Station Officer. Above this rank, Rs.100/- per month as washing allowance and Rs.1500/- per annum as uniform allowance is sanctioned.
5. As per Govt. Order No. FD12 SRP 2012(IX) dated: 14.06.2012, Rs.135/- is paid per month to Chief Fire Officer /Commandant Academy and Rs.100/- is paid to F/M, L/F, AFSO, FSO, DFO and RFO as special allowance.
6. Group Insurance Scheme was introduced during 1991, as per Govt. Order No. HD 200 SFB 90 dated 30-11-1991. As per this scheme Rs. 1,00,000/- is paid in case of death while on duty, or loss of 2 limbs, or loss of sight of 2 eyes or in case of total disablement. 50% is paid for the loss of one limb or sight of one eye.
7. Ex-gratia payment is made ranging from Rs. 10,000/- to Rs. 10,00,000/- for the injuries sustained while on duty, as per Govt. Order No. OE 192 KFS 2014 dated 19-11-2014.
8. Financial Aid is also given from Benevolent Fund for medical expenses, education of children and other welfare activities. The present rules were revised recently in Order No. HD 35 SFB 2004 dated 01-05-2005.
9. Government, vide order No. OE 87 KFS 2001 dated 25-07-2002 sanctioned 500 bus passes for the Officers and staff of Karnataka State Fire & Emergency Services to commute in Bangalore Metropolitan Transport Corporation buses. This is benefiting about 500 staff. This facility is in existence from 10/2002 onwards.

10. Govt. in order No. OE 94 KFS 2010 dated 08-07-2011 have accepted the proposal of the department to issue free ration to the personnel and officers up to the rank of Fire Station Officers.

11. Govt. in order No. OE 100 KFS 2008 dated 16.09.2008, under Arogya Bhagya Scheme, free medical facilities are provided to the member, his wife and children below 21 years of age.

e. Total number of the officials (Group A, B, C & D) & Male/Female officers: 2014

Sl. No	Office/ District	Sanctioned Strength					Actual Strength									
							Men					Women				
		A	B	C	D	Total	A	B	C	D	Total	A	B	C	D	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Head Office	8	3	45	5	61	3	3	15	3	24	2		10	2	14
2	Bagalkote			149		149			107		107					
3	Bangalore-Urban	3	9	1356	6	1374	3	9	685	1	699			4		4
4	Bangalore-Rural			144		144			57		57					
5	Belgaum			383		383			292		292					
6	Bellary		1	278		279		1	135		136					
7	Bidar			154	1	155			114		114				1	1
8	Bijapur			173		173			127		127					
9	Chamrajnagar			108		108			39		39					
10	Chikkaballapura			160	2	162			39		39				1	1
11	Chikka—magaluru			190		190			108		108					
12	Chitradurga			173		173			92		92					
13	Dakshina Kannada	1	1	275		277	1	1	108		110			1		1
14	Davanagere		1	185		186		1	97		98			1		1
15	Dharwad	1	1	219		221	1	1	137		139			2		2
16	Gadag			156		156			97		97					
17	Gulbarga			191		191			123		123					
18	Hassan			181		181			99		99					
19	Haveri	1	1	228		230	1	1	136		138					
20	Kodagu			115		115			48		48					
21	Kolar			160		160			53		53					

22	Koppal			160		160			94		94					
23	Mandya			191		191			95		95					
24	Mysore		1	337		338		1	144		145					
25	Raichur			182		182			102		102					
26	Ramnagara			112	2	114			41		41					
27	Shimoga		1	205		206		1	113		114			2		2
28	Tumkur			294		294			120		120					
29	Udupi			108		108			69		69					
30	Uttara Kannada			279		279			126		126					
31	Yadgir			94		94			54		54					
	Total	14	19	6985	16	7034	8	19	3667	4	3698	2		20	4	26

Total number of the officials (Group A, B, C & D) belonging to SC/ST: 2014

Sl. No	Office/ District	Sanctioned Strength					Actual Strength									
							Men					Women				
		A	B	C	D	Total	A	B	C	D	Total	A	B	C	D	Total
		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	Head Office	5	3	25	5	38		1	8		9					
2	Bagalkote			107		107			28		28			3		3
3	Bangalore-Urban	3	9	690	1	703			109		109			29	1	30
4	Bangalore-Rural			57		57			6		6			4		4
5	Belgaum			292		292			51		51			8		8
6	Bellary		1	135		136			21		21			11		11
7	Bidar			114	1	115			28		28			7		7
8	Bijapur			127		127			33		33			4		4
9	Chamrajnagar			39		39			12		12			1		1
10	Chikkaballapura			39	1	40			11		11			4		4
11	Chikka—magaluru			108		108			25		25					
12	Chitradurga			92		92			17		17			11		11
13	Dakshina Kannada	1	1	109		111		1	16		17			3		3
14	Davanagere		1	98		99			22		22			10		10
15	Dharwad	1	1	139		141			23		23			3		3

16	Gadag			97		97			15		15			8		8
17	Gulbarga	1	1	136		138			37		37			5		5
18	Hassan			123		123			15		15			1		1
19	Haveri			99		99			15		15			5		5
20	Kodagu			48		48			6		6					
21	Kolar			53		53			10		10			4		4
22	Koppal			94		94			27		27			6		6
23	Mandya			95		95			23		23			1		1
24	Mysore		1	144		145		1	30		31			8		8
25	Raichur			102		102			28		28			10		10
26	Ramnagara			41		41			9		9			1		1
27	Shimoga		1	115		116			24		24			8		8
28	Tumkur			120		120			18		18			11		11
29	Udupi			69		69			6		6			1		1
30	Uttara Kannada			126		126			6		6			5		5
31	Yadgir			54		54			8		8			6		6
	Total	11	19	3687	8	3725		3	687		690			178	1	179

f. Total number of the officials: SC :

Sl. No.	Name of the Caste	No. of Employees	Sl No.	Name of the Caste	No. of Employees	Sl No.	Name of the Caste	No. of Employees
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Adi Andhra	5	24	Bindla		47	Jambuvulu	
2	Adi Dravida	46	25	Byagara	1	48	Kadaiyan	
3	Adi Karnataka	176	26	Chikiliyan	16	49	Kalladi	
4	Adiya (in Coorg		27	Chalavadi	21	50	Kepmaris	

	District)			Chalvadi, Channayya				
5	Ager		28	Chendala		51	Kolupuvandlu	
6	Ajila		29	Chenna Dasar, Holaya Dasar	1	52	Koosa	
7	Anamuk		30	Dakkal, Dokkalwar		53	Koracha and Synonym castes are Korachar	1
8	Aray Mala		31	Dakkaliga		54	Korama and Synomum castes are Korava, Koravar	14
9	Arunthathiyar		32	Dhor, Kakkayya, Kankayya	4	55	Kotegar, Metri	
10	Arwa Mala		33	Dom, Dombara, Paidi, Pano	1	56	Kudumban	
11	Baira	3	34	Ellamalwar, Yellammalawan dlu		57	Kuravan	
12	Bakad		35	Ganti Chores		58	Lingader	
13	Bant (in Belgaum, Bijapur, Dharwad and North Canara District)		36	Garoda, Garo		59	Machala	
14	Bakuda	2	37	Godda	1	60	Madari	6
15	Balagai		38	Gosangi		61	Madiga	38
16	Bandi		39	Haleer		62	Mahar, Taral, Dhegu Megu	
17	Banjara, Lambani & Synonym castes are Lambada, Lamank, Sugali, Sukali	148	40	Halsar, Haslar, Hulasvar, Halasvar		63	Mahyavanshi, Dhed, Vankar, Maru Vankar	
18	Bathada		41	Handi jogis		64	Maila	
19	Beda Jangam, Budga, Jangam	1	42	Hasla		65	Mala	1
20	Bellara		43	Holar, Valhar		66	Mala Dasari	1
21	Bhangi, Mehtar, Olgana, Rakhi, Malkana, Halakhor, Lalbegi, Bamiki, Korar, Zadrnalli		44	Holaya, Holer, Holeya	77	67	Mala Hannai	
22	Bhambi, Bhambhi,	37	45	Holeya Dasari		68	Mala Jangam	

	Asadau, Asodi, Chammadia, Chamar, Chambhar, Chamgar, Haralayya, Harali, Khalpa, Machigor, Mochigar, Madar, Madig, Mochi, Muchi, Telegu Mochi, Kamati Mochi, Renigar, Rohidas, Rohit, Samagar							
23	Bhovi and Synonym castes are Od, Odde, Vaddar, Waddar, Voddar, woddar,	64	46	Joggali		69	Mala Meen	
70	Mala Sale, Netkani		80	Mundala	6	90	Pariyan, Paraya	1
71	Mala Sonyasi		81	Nadia, Hadi		91	Paravan	
72	Mang, Matang, Minimadig		82	Nalkandaya		92	Raneyar	
73	Mang Garudi, Mang Garodi		83	Nalakeyava		93	Samagara	13
74	Manne		84	Nayadi		94	Samban	
75	Masthi		85	Pale		95	Sapari	
76	Mavilan		86	Pallan		96	Sillekyathas	2
77	Meghval, Menghvar		87	Pambada		97	Sindhollu, Chindhollu	
78	Moger	3	88	Panchama		98	Sudugadu Siddha	1
79	Mukri		89	Panniandi		99	Thoti	
						100	Tirgar, Tirbanda	
						101	Valluvan	

g. Total number of the officials: ST : 2014

SI. No.	Name of the Caste	Number of Employees	SI. No.	Name of the Caste	Number of Employees
1	Adiyan		26	Koya, Bhine Koya, Rajkoya	1
2	Barda		27	Kudiya, Melakudi	
3	Bavacha, Bamcha		28	Kuruba (in Coorg District)	
4	Bhil, Bhil Garasia, Dholi Bhil, Dungri Bhil, Dungri		29	Kurumans	

	Garasia, Mewasi Bhil, Rawal Bhil, Tadvi Bhil, Bhagalia, Bhilala, Pawra, Vasasva, Vasave				
5	Chenchu, Chenchwar		30	Maha Malasar	
6	Chodhara		31	Malaikudi	
7	Dubla, Talavia, Halpati		32	Malasar	
8	Gamit, Gamta, Gavit, Mavchi, Padvi, Valvi		33	Malayekandi	
9	Gond, Naikpod, Rajgond	5	34	Maleru	1
10	Gowdalu		35	Maratha (in Coorg District)	
11	Hakkipikki		36	Marati (in South Canara District)	2
12	Hasalaru		37	Meda, Medari, Gauriga, burud (2003)	11
13	Irular		38	Naikda, Nayaka, Cholival, Nayaka, Kapadia Nayaka, Mota Nayaka, Nana Nayaka, Naik, Nayak, Beda, Bedar and Valmiki	154
14	Iruliga		39	Palliyan	
15	Jenu kuruba		40	Paniyan	
16	Kadu kuruba	4	41	Pardhi, Advichincher, Phanse Pardhi, HARANSHIKARI (2003)	
17	Kammara (in South Canara District and Kollegal Taluk of Mysore District)		42	Patelia	
18	Kaniyan, Kanya (in Kollegal Taluk of Mysore District)	1	43	Rathawa	
19	Kathodi, Katkari, Dhor Kathodi, Dhor Katkari, Son Kathodi, Son Katkari		44	Sholaga	
20	Kattunayakan		45	Soligaru	
21	Kokna, Kokni, Kukna		46	Toda	
22	Koli Dhor, Tokre Koli, Kolcha, Kolgha		47	Varli	
23	Konda Kapus		48	Vitolia, Kotwalia, Barodia	
24	Koraga		49	Yerava	
25	Kota		50	Siddi (in North Canara District) (2003)	

a. **Vacancy position- 2014/ Shortage-2014/ Retirements due during the year 2014:**

1. The Department is headed by the Director General of Police and Director General of Fire & Emergency Services. The sanctioned strength, actual strength and vacancies of the Karnataka Fire & Emergency Services Department from 01-01-2014 to 31-12-2014 (both executive and ministerial staff), are as follows:

Office of the Director General of Police and Director General- 2014:

Sl. No	Post	Sanctioned	Actual	Vacancy	Shortfall %
1.	Inspector General of Police and Additional Director General	01	--	01	
2.	Deputy Inspector General	01	--	01	
3.	Director	01	--	01	
4.	Deputy Director (Admin)	01	01	--	
5.	Deputy Director (Tech)	01	01	--	
6.	Deputy Director (F.P)	01	01	--	
7.	Administrative Officer	02	02	--	
8.	Assistant Controller of Accounts	01	01	--	
9.	Assistant Administrative Officer	01	01	--	
10.	Superintendent	07	06	01	
11.	Regional Fire Officer (F.P)	02	02	--	
12.	District Fire Officer (Stores)	01	01	--	
13.	First Division Assistant	08	06	02	
14.	Second Division Assistant	10	08	02	
15.	Typist	03	02	01	
16.	Stenographer	03	01	02	
17.	Driver	11	01	10	
18.	Motor Cycle Rider	02	--	02	
19.	Dalayath	05	05	--	

Total Staff Strength details of 189 Fire Stations and units

01	Chief Fire Officer	5	5	--	
02	Regional Fire Officer	11	11	--	
03	District Fire Officer	46	43	3	
04	Fire Station Officer	193	97	96	
05	Assistant Fire Station officer	254	179	75	
06	Leading Firemen	910	584	326	
07	Driver Mechanic	157	35	122	
08	Firemen Driver	1019	620	399	
09	Firemen	3569	2028	1541	
10	Superintendent	2	1	1	
11	First Division Assistant	5	4	1	
12	Second Division Assistant	10	4	6	
13	Typist	2	2	--	
15	Dalayath	3	1	2	
16	Sweeper	2	1	1	
Staff sanctioned for the 23 Fire stations- yet to be opened.					
01	District Fire Officer	07	--	07	
02	Fire Station Officer	21	--	21	
03	Assistant Fire Station officer	34	--	34	
04	Leading Firemen	106	--	106	

05	Driver Mechanic	20	--	20	
06	Firemen Driver	129	--	129	
07	Firemen	320	--	320	
08	Second Division Assistant	02	--	02	
09	Dalayath	01	--	01	
10	Sweeper	01	--	01	
	R.A.Mundkur Fire & Emergency Service Academy, Bangalore.				
01	Commandant	01	01	--	
02	Regional Fire Officer (Trg)	01	01	--	
03	District Fire Officer (Trg)	07	04	03	
04	Fire Station Officer (Trg)	06	06	--	
05	Superintendent	01	01	--	
06	Leading Firemen	05	05	--	
07	Firemen Driver	02	02	--	
08	Firemen	15	09	06	
09	First Division Assistant	01	01	--	
10	Second Division Assistant	02	02	--	
11	Gardener	02	01	01	
12	Sweeper	02	--	02	
	Emergency Para Medical Services (EPMS) (R.A. Mundkur Fire & Emergency Services Academy)				
1	Regional Fire Officer	01	01	--	
2	District Fire Officer	02	02	--	
3	Fire Station Officer	02	02	--	
4	Leading Firemen	02	02	--	
5	Firemen Driver	02	--	02	
6	Firemen	08	--	08	
	Search And Rescue (SAR) (R.A. Mundkur Fire & Emergency Services Academy)				
1	Regional Fire Officer	01	01	--	
2	District Fire Officer	02	02	--	
3	Fire Station Officer	02	02	--	
4	Leading Firemen	06	06	--	
5	Firemen Driver	02	--	02	
6	Firemen	15	--	15	
	State Disaster Response Force, 'A' Company, Bangalore				
1	Leading Firemen	7	-	7	
2	Firemen Driver	3	2	1	
3	Firemen	11	6	5	
	Wireless Workshop				
1	Police Inspector –Wireless	01	01	--	

2	Sub-Inspector – Wireless	02	--	02	
3	Asst. Sub-Inspector – Wireless	06	--	06	
4	Firemen	02	02	--	
Fire Service Workshop, Bangalore					
1	Regional Fire Officer	01	01	--	
2	District Fire Officer (Mech)	01	--	01	
3	Fitter Class-I	01	--	01	
4	Fitter Class-II	01	--	01	
5	Fitter Class-III	01	--	01	
6	Driver Mechanic	11	07	04	
7	Fireman Driver	01	--	01	
8	Welder	01	--	01	
9	Painter	01	01	--	
10	Electrician	01	--	01	
11	Carpenter	01	01	--	
12	Cleaner	01	--	01	
	Total	7034	3725	3309	

2. **Details about retiring personnel:** In total, 53 personnel retired in the year 2014 and 91 personnel are listed for retirement in the year 2015.

b. **Number of outsourced staff:**

1. Except for the temporary appointment of one sweeper per Fire Station, for a period of 11 months, no other cadres are outsourced in this department.
2. One Inspector of Police (wireless) has been deputed from Police wireless wing to Fire Service Wireless Workshop.
3. One Assistant Fire Station Officer and one Fireman has been deputed to Public Utility Building belonging to BBMP.

c. **Number of officers who attended different training programs: (Within the State)**

Year	Place & Nature of Training	Designation of trainee officers	Period of training
2011	Training in Disaster Management at ATI,	RFO - Academy RFO – EPMS	17.01.2011 to 18.01.2011

	Mysore	RFO – SAR RFO – Bangalore East RFO – Mysore	
	Management of Industrial & Chemical Disasters	DFO – Academy DFO – Belgaum DFO – Bangalore North DFO – Chitradurga DFO – Udupi	13.06.2011 to 17.06.2011
	Flood & Earth quake Management	CFO – Hubli FSO – Gulbarga DFO – Gulbarga	20.06.2011 to 24.06.2011
	T.O.T Training	Commandant, Academy RFO – Academy	01.07.2011 to 02.07.2011
	Risk Mitigation Training	CFO – Bangalore East RFO – Shimoga DFO – Hassan	25.07.2011 to 29.07.2011
	Management of Industrial & Chemical Disasters	DFO – Mysore DFO – Bangalore South DFO – Bellary DFO – Kolar	25.07.2011 to 29.07.2011
2012	Training in Disaster Management at ATI, Mysore	FSO – Pandeshwara FSO – Karkala FSO – Kundapura FSO – Bhadravathi FSO – Karwar FSO – Shikaripura	23.07.2012 to 27.07.2012
	Training in Urban Disaster Risk Mitigation & Management at ATI, Mysore	DFO – Bangalore North DFO – Hebbal DFO – Bagalkot FSO – Hebbal FSO – Chitradurga FSO – Shira FSO – Bijapur FSO – Hubli	21.08.2012 to 25.08.2012
	Training in Urban Disaster Risk Mitigation & Management at ATI, Mysore	DFO – Academy	21.08.2012 to 25.08.2012
	Training in Industrial & Chemical Disaster at ATI, Mysore	Commandant – Academy RFO – Academy RFO – Bellary RFO – Davanagere RFO – Bangalore South RFO – Shimoga	27.08.2012 to 31.08.2012

2013	Training in Disaster Management at ATI, Mysore	DFO- Karwar RFO-Bellary DFO- Shivmoga DFO- Raichur DFO-Tumkur DFO-Mysore	25-03-2013 to 27-03-2013
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2014			
01	Disaster Management	1. K.Shivakumar, RFO, Shimoga 2. T.N.Shivashankar, RFO, Academy 3. C.Basavanna, RFO, Mysore 4. C.Gurulingaiah, RFO, Academy 5. B.N.Manjunath RFO, Bangalore East 6. T.L.Ramakrishna RFO, Academy 7. G.Tippeswamy RFO, Bangalore West	06-01-2014 to 10-01-2014
02	Disaster Management	1. F.R.Shariff, RFO, Mangalore 2. Younis Ali Kauser, RFO, Davangere	27-01-2014 to 31-01-2014
03	Incident Response System	1. M.R.Narasimhamurthy, RFO, Bellary 2. H.M.Shivannegowda, DFO, Mysore 3. M.Shankar, DFO, Tumkur	10-02-2014 to 14-02-2014
04	Earthquake Risk Mitigation and Management	1. Eshwar Naik, RFO, West 2. G.Tippeswamy, RFO, East 3. S.E.Lakkappa, DFO, Academy 4. T.R.Puttaiah, DFO, Academy 5. Maruthi, DFO, Mandya 6. B.M.Thirumalesh, DFO, Jakkur 7. Mahadeva, DFO, Hebbal (Mysore)	02-06-2014 to 06-06-2014

		8. M.Siddaraju, DFO, North	
05	ToT on Disaster Management	<ol style="list-style-type: none"> 1. I.F.Badabade, CFO, Hubli 2. C.Basavanna, CFO, Gulbarga 3. K.Shivakumar, RFO, Shimoga 4. F.R.Shariff, RFO, Mangalore 5. N.Shashidhar, RFO, Bangalore West 6. F.H.Kurakundi, RFO, Hubli 7. Younis Ali Kauser, RFO, Davangere 8. T.L.Ramakrishna, RFO, Academy 9. M.R.Narasimhamurthy, RFO, Bellary 10. G.Tippeswamy, RFO, East 	23-06-2014 to 27-06-2014
06	Flood Risk Mitigation and Management	<ol style="list-style-type: none"> 1. N.Shashidhar, RFO, West 2. Devaraj, DFO, Workshop 3. R.Mahesh, DFO, Academy 4. M.G.Vijay kumar, DFO, Mahadevapura 5. R.Ramesh, DFO, Hebbal 6. Obaiah Moolya, DFO, Bannimantapa 	14-07-2014 to 18-07-2014
07	Management of Large Congregation (Stampede) Risk Reduction	<ol style="list-style-type: none"> 1. S.Parameshwara, DFO, Kadri 2. K.M.Puttaswamy, DFO, Koppal 3. Mahadeva, DFO, Hebbal (Mysore) 4. H.M.Vasanth kumar, DFO, Peenya 5. M.Shankar, DFO, Tumkur 6. Basava Prabhu Sharma, DFO, Bellary 	04-08-2014 to 08-08-2014

		7. M.Siddaraju, DFO, North 8. K.Thimmareddy, FSO, Hosapete 9. K.P.Naveen kumar, FSO, Karkala 10. H.M.Siddegowda, FSO, Bannimantapa 11. Vinayak U Kalgutkar, FSO, Kalaghatagi 12. K.P.Gururaj, FSO, K.R.Pete 13. K.Hemanth kumar, FSO, Doddaballapur	
08	Emergency Operation Centre	K.U.Ramesh, Deputy Director (Tech)	18-10-2014
09	Fire Disasters and Evacuation Techniques, Search and Rescue during disasters, Mock rehearsal and demonstration of fire safety equipments (HRV)	T.N.Shivashankar RFO, Training	19-01-2014
10	Human Rights and Sexual Harassments on women	1. Pushpa.B FDA, Head Office 2. Rukmini Bai, FDA, Head Office	10-02-2014 to 11-02-2014
11	Computer Proficiency Training	1. Mallikarjun SDA, Head Office 2. M.Mangala, SDA 3. RFO, Bangalore West	17-02-2014 to 21-02-2014
12	H.R.M.S	1. Satheesh, FDA, Head Office 2. H.S.Srinidhi, FDA, Head Office	24-02-2014 to 25-02-2014
13	Tender Management	1. B.M.Nagaraj Supdt., Head Office	24-02-2014 to 25-02-2014
14	Training on Documents maintenance under RTI	H.S.Srinidhi, FDA, Head Office	11-08-2014 to 13-08-2014
15	Training on Retirement Pension	T.Marthamma, FDA, Head Office	11-08-2014 to 13-08-2014
16	Computer Proficiency Training	B.V.Sumithra SDA, Head Office	18-08-2014 to 22-08-2014
17	H.R.M.S	Puneetha.C FDA, Head Office	25-08-2014 to 26-08-2014

18	H.R.M.S	Charan kumar.G SDA, Head Office	05-08-2014 to 06-08-2014
19	Govt. Finance & Accounts Maintenance Training	Mahesh Babu.N FDA, Head Office	12-08-2014 to 14-08-2014
20	Bill Preparation Training	1. R.Leelavathi SDA, Head Office 2. Chander Rao.P SDA, Head Office	27-08-2014 to 28-08-2014
21	Computer Basic Training	R.Leelavathi, SDA, Head Office	03-09-2014 to 05-09-2014
22	Computer Proficiency Training	B.V.Sumithra SDA, Head Office	08-09-2014 to 12-09-2014
23	H.R.M.S training	Puneetha.C FDA, Head Office	15-09-2014 to 16-09-2014
24	Stenographers & Typists Training on general subjects & Govt. services.	Chander Rao.P SDA, Head Office	18-09-2014 to 20-09-2014
25	Training for Supervisors & Superintendents Category regarding office work maintenance, Accounts maintenance, Service matters, CCA Rules.	B.M.Nagaraj Supdt., Head Office	22-09-2014 to 27-09-2014
26	Training on Court cases	1. Rukmini Bai FDA, Head Office 2. Sunil.B SDA, Head Office	29-09-2014 to 20-09-2014
27	Workshop on Budget preparation	T.S.Poornima Supdt., Head Office	29-09-2014 to 30-09-2014
28	Training on RTI & Sakala	1. B.N.Nagarathna FDA, East Range 2. Mangala, FDA, West Range 3. Venkatesh.G, SDA, Academy 4. Charan kumar.G SDA, Head Office	13-10-2014 to 14-10-2014
29	Training on Income Tax	Chander Rao.P SDA, Head Office	14-10-2014 to 15-10-2014
30	Training on Service Rules	1. Pushpaleela, Supdt., Head Office 2. Satheesh, FDA, Head Office	16-10-2014 to 18-10-2014
31	Computer and HRMS software usage in	Chandana.A SDA, Head Office	27-10-2014 to 31-10-2014

	administration		
32	Sakala	Puneetha.C FDA, Head Office	28-10-2014 to 29-10-2014
33	Accounting Income Tax	Mahesh.B.S SDA, Head Office	27-10-2014 to 29-10-2014
34	K.T.P.P Rules Training	B.M.Nagaraj, Supdt., Head Office	30-10-2014 to 31-10-2014
35	Training on Personality development, Leadership improvement, Communication skill and Human values	Madhu.K SDA, Head Office	17-11-2014 to 20-11-2014
36	Govt. Accounts Maintenance Auditing	Basavaraj Nadavalagudda SDA, Head Office	18-11-2014 to 20-11-2014
37	RTI & Sakala Training	1. Mahesh Babu.N, FDA, Head Office 2. Rukmini Bai, FDA, Head Office	21-11-2014 to 22-11-2014
38	Training on Recruitment Rules, Preparation of Seniority List, Roaster System and Pay fixation	1. Satheesh, Supdt., Head Office 2. Puneetha.C, FDA, Head Office 3. Pushpa.B, FDA, Head Office	02-12-2014 to 04-12-2014
39	Basic Computer Training	Venkatesh.G SDA, Academy	08-12-2014 to 10-12-2014
40	Computer Proficiency Training	Mangala FDA, Bangalore West Range	15-12-2014 to 19-12-2014
41	Career Foundation Training	A.Chandana SDA, Head Office	08-12-2014 to 31-01-2015

Out Side Karnataka State

Year	Place & Nature of Training	Designation of trainee officers	Period of training
2013			
1	Application of Information Technology in Disaster Management	RFO-SAR Unit RFO-Mysore RFO[Training]- Academy RFO-EPMS DFO-Chitradurga	02-01-2013 to 03-01-2013
2	Disaster Management	05 DFOs of Academy DFO-Karwar DFO-Shivmoga DFO-Raichur DFO-Tumkur DFO-Mysore	25-03-2013 to 27-03-2013

3	Disaster Management	Officer Commanding, Fire Fighting Civil Defence RFO-(Trg)	21.08.2013 2:30 to 5:30
4	Workshop on mainstreaming of Disaster risk reduction in Development	DFO- Bagalkot DFO-Mangalore	05.09.2013 to 06.09.2013
5	Workshop	CFO-West CFO- Mangalore RFO- East RFO-Mysore	
6	High Rise Building Inspection Training Program	3 RFOs 15 DFOs	14.05.2013 to 16.05.2013
7	68 th Station Officers/Instructors Course (Nagpur)	6 FSOs	07.01.2013 to 28.06.2013
8	69 th Station Officers/ Instructors Course (Nagpur)	06 FSOs	01-07-2013 to 20-12-2013
2014			
1	Divisional Officer Course	S.D Ashok Babu DFO, Chikkaballapur	07-07-2014 to 05-12-2014
2	Station Officers Course	1. Somashekhar Agadi, FSO, Savadatti 2. K.S.Jagadish FSO, Nagamangala 3. P.M.Nagesh, FSO, Chintamani 4. K.B.Manjunath, FSO, Jakkur 5. G.Manjunath, FSO, Mandya 6. Hanumanagowda, FSO, Shikaripura 7. S.Kiran kumar, FSO, Kunigal 8. M.L.Kishore, FSO, Madhugiri 9. Manjunath H.Saali, FSO, Hubli City 10. Naveen kumar Kaggalagowdar, FSO, Dharwad 11. Ravindra A.Ghaatagi, FSO, Lingasugur 12. M.D.Mujammil	07-07-2014 to 26-12-2014

d. **Exemplary achievements:**

- a. Karnataka State Fire and Emergency Services have a dual mandate of fire prevention and safety, fire fighting/suppression, as well as disaster preparedness and management.
- b. Fire and Emergency Department is responding to **multi-hazards** and hence the department is a '**Multi-hazard Response Department**' and each Fire Station is a '**Multi-hazard Response Unit**'.
- c. The department is geared up to respond to '**Natural disasters**' like flood, drought, earthquakes, heat waves, cold waves, avalanches, forest fires, cyclones, landslides, volcano etc. and '**Man made Disasters**' like industrial and chemical disasters, building collapses, road accidents, rail mishaps, maritime disasters, oil spills, space disasters, atomic disasters, stampede, oil platform & oil well disasters, bomb blasts, electrical disasters, poisonous gas leakages, acts of war etc.
- d. By virtue of the nature of job, it demands appropriate rewards, commendations, medals, appreciation, recognition etc.
- e. In the year 2014, the department, in the entire State, has attended a total of 16,441 Fire Calls involving property worth Rs.1066,76,29,459/- out of which RS.832,47,74,719/- has been saved. In total 1862 rescue calls have been attended and in these rescue calls 840 human lives were involved. Out of these involved human lives, 232 died and 434 have been saved.
- f. To recognize the exemplary service of the personnel, Chief Ministers Gold Medal, Presidents medal for meritorious service and president's medal for distinguished services are awarded to officers and personnel of this department. The list of medals awarded is as below:

Sl. No	Year of Award	Type of Medal	Number of recipients
01	2012	a. Presidents Distinguished Service Medals	01
		b. Presidents Meritorious Service Medals	06
		c. Presidents Meritorious Service Medal during Independence day	04
		d. Chief Ministers Gold Medals	46
02	2013	a. Presidents Distinguished Service Medals	05
		b. Presidents Meritorious Service Medals	04
		c. Presidents Meritorious Service	03

		Medal during Independence day	
		d. Chief Ministers Gold Medals	46
03	2014	a. Presidents Distinguished Service Medals	02
		b. Presidents Meritorious Service Medals	04
		c. Presidents Meritorious Service Medal during Independence day	01
		d. Chief Ministers Gold Medals	44

g. **Number of administrative inspections and findings:**

Around 78 administrative inspection reports have been analyzed to list the findings. Some of the important findings are listed below:

- The unit officers, especially newly inducted officers have to learn more about Station maintenance and Vehicle maintenance.
- Fire Station buildings and staff quarters, which are under construction, have to be supervised by the unit officers.
- The office staff of all the Drawing and Disbursing Officers needs further training in handling accounts matter, maintaining office records etc.
- Refresher and advance courses for capacity building are needed to personnel at different levels.
- Training the personnel in handling special equipments is needed.

CHAPTER 6

1. The pending replies for the academic year 2008-09 to 2011-12 as per the Audit Department is already submitted to the Govt.

2. Litigations:

The litigation details are as below:

KAT cases	High Court Cases	Civil Court Cases		D.C Court
		MVC Cases	O.S Cases	
24	09	07	08	0

3. Number of legislative questions received and answered - 2011 to 2014:

Year	No. of questions received	No. of questions answered
2011	16	16
2012	27	27
2013	88	88
2014	56	56

ANNEXURE

1. VEHICLES & EQUIPMENTS:

Sl. No.	Type of vehicle	Available	Under Fabrication	Tendered
01	Water Tenders with water tank of 4500 liters.	403	35	Fabrication of 23 nos. of water tenders & re-fabrication of 15 nos. of water tenders.
02	Water Lorries with water tank of 9000 liters.	40	--	-
03	Water Bouzers with water tank of 16,000 liters.	35	10	-
04	Foam Tenders	02	--	-
05	Towing Tenders	55	--	-
06	Advance Rescue Van	12	02	-
07	Medium Rescue Van	11	--	-
08	Ambulance	09	--	-
09	TTL 37 m working height	01	--	-
10	Hydraulic Platform 30 m, 32 m and 52 m working height	05	--	-
11	Portable Pumps	328	--	-
12	High Pressure Pumps	60	--	-

13	Varuna- Water Mist Technology mounted on Jeep	06	--	-
14	Agni -Water Mist Technology mounted on Motor Cycle	58	36	-
15	Utility Vehicles	243	--	-
16	Generators	162	--	-
17	Inflatable lights	236	--	-
18	Quick Response Vehcles	27	--	-
19	Inflatable Boats (with OBM)	15	--	-
20	Breathing Apparatus Van	--	--	01

2. FIRE STATION BUILDINGS:

	Permanent Fire Station Buildings	Temporary Fire Station Buildings	Rented Buildings	Fire Station Building under construction
Details of Fire Station Buildings	154	35	08	15

3. STATION QUARTERS:

	Total quarters available for 180 Fire Stations	Quarters under construction by PWD at 09 places	Quarters under construction by KSPHC at 57 places	Quarters under construction by KUIDFC at 06 places	Percentage of Available Quarters
Details of Staff quarters	2301	06	338	56	48%

4. Details of Fire calls attended during past 3 years (2012/2013/2014) in the State:

Year	Total Number of Calls attended	Property Involved (In Lakhs)	Property Saved (In Lakhs)	Human Lives Saved
2012	18,464	133985.80	113525.99	615

2013	15,925	797437.34	576379.65	673
2014	16,441	10,66,76,29,459	8324774719	434

5. Vacancy Statement, as on 31.12.2014:

Sl. No.	Office	Sanctioned	Actual	Vacancy
01	Head Office	61	38	23
02	Academy	45	33	12
03	Fire Service Workshop	22	10	12
04	Wireless Workshop	11	3	8
05	Fire Stations	6188	3615	2573
06	New Fire Stations – Including 4 Clerical Staff (Proposed)	641	-	641
07	Search and Rescue Unit	17	07	10
08	Emergency Paramedical Services	28	11	17
09	SDRF ‘A’ Company, Bangalore	21	8	13
	Total	7034	3725	3309

Glossary of Technical Terms: Abbreviations

Abbreviations

Expansions

ADB

Asian Development Bank

APMC	Agricultural Produce Market Committee
BMTPC	Building Material and Technology Promotion Council
BPCL	Bharat Petroleum Company Ltd.
BWSSB	Bangalore Water Supply and Sewerage Board
CAGR	Compounded Annual Growth Rate
CCA	City Compensatory Allowance
CFO	Chief Fire Officer
DA	Dearness Allowance
DBMS	Data Base Management System
DFO	District Fire Officer
DFS	Delhi Fire Service
DG/ DGP	Director General / Director General of Police
DIG	Deputy Inspector General
DMO	Direct Mode Operation
ECHO	European Commission Humanitarian Aid Office
EMS	Emergency Medical Services
FM	Fireman
FS	Fire Station
FSO	Fire Station Officer
GIS	Geographic Information System
GOI	Government of India
GOK	Government of Karnataka
GPS	Global Positioning System
HPCL	Hindustan Petroleum Corporation Ltd.
HQ	Head Quarters
HRA	Housing Rent Allowance
IG	Inspector General of Police/ Director General of Police
IMD	Indian Meteorological Department (IMD)
IOCL	Indian Oil Company Ltd.
IPS	Indian Police Service
ISHA	Indian Society of Health Administrators
JD	Joint Director
KEB	Karnataka Electricity Board
KFFA-1964	The Karnataka Fire Force Act - 1964
K-SAFE 2010	Karnataka State Fire and Emergency Services Improvement Project - 2010
KSFES	Karnataka State Fire and Emergency Services
KSRTC	Karnataka State Road Transport Corporation
KUIDFC	Karnataka Urban Infrastructure Development and Finance Corporation
LFM	Leading Fire Man
LPM	Liters Per Minute
MIS	Management Information System
NCT	National Capital Territory
NGO	Non-Government Organization
NKUIDP	North Karnataka Urban Infrastructure Development Project
NOC	No Objection Certificate

O and M	Operation and Management
PRO	Public Relation Office
PWD	Public Works Department
RDBMS	Relational Data Base Management System
RFO	Range/ Regional Fire Officer
SFAC	Standing Fire Advisory Committee
SOS	Secretary of the State
SRS	Software Requirement Specification
TAM	Talk Around Mode
TISCO	Tata Iron and Steel Company Ltd.
ULB	Urban Local Bodies

BBMP : Bruhat Bengaluru Mahanagara Palike
 BDA : Bangalore Development Authority
 BEML : Bharat Earth Movers Limited
 BHEL : Bharat Heavy Electricals Limited
 BLR : Bangalore
 BT : Biotechnology
 CFO : Chief Fire Officer
 CIP : Capital Investment Plan
 CMC : City Municipal Council
 CUG : Closed User Group
 DBMS : Data Base Management System
 DFO : District Fire Officer
 DMO : District Mode Operation
 FHR : Fire Hazard Response
 FM : Firemen
 FS : Fire Station
 FSO : Fire Station Officer
 GE : General Electric
 GIS : Geographic Information System
 GPS : Global Positioning System
 HAL : Hindustan Aeronautics Limited
 INTR : Interim Report
 IPS : Indian Police Service
 IR : Inception Report
 ISRO : Indian Space Research Organization
 IT : Information Technology
 ITES : Information Technology Enabled Services
 ITPB : International Technology Park Bangalore
 HQ : Headquarter
 JNNURM : Jawaharlal Nehru National Urban Renewal Mission
 KMPH : Kilometer Per Hour
 KSFES : Karnataka State Fire and Emergency Services
 KSFS : Karnataka State Fire Service
 KSRTC : Karnataka State Road Transport Corporation

LFM : Leading Fireman
MAH : Major Accident Hazard
MIS : Management Information System
MP : Mitigation Plan
NAL : National Aerospace Laboratories
NOC : No Objection Certificate
O&M : Operation & Maintenance
PE : Private Equity
RFO : Regional Fire Officer
RV : Rescue Van
SFAC : Standing Fire Advisory Committee
Sq. km : Square Kilometer
SRS : Software Requirement Specification
STPI : Software Technology Parks of India
TMC : Town Municipal Council
TTL : Turn Table Ladder
VIP : Very Important Person