

TELANGANA FIRE, DISASTER RESPONSE, EMERGENCY & CIVIL DEFENCE DEPARTMENT



WE SERVE TO SAVE



Eturunagaram Cyclonic circulations and Merger of Wind systems – September, 2024



Haphazard Urbanisation



Rapid Industrial Development



Dancing Daffodils, Ghatkesar - 72 Floors (240mts)

FIRE AND RESCUE CALLS

Year	Small	Medium	Serious	Major	Rescue & Emergency	Total	Property		Lives	
							Damaged in Crores	Saved in Crores	Saved	Lost
2023	4533	582	123	94	323	5664	451.14	979.35	90	44
2024	7410	212	90	35	776	8523	557.00	1169.88	84	24
2025	7426	248	110	41	1050	8875	873.95	2608.28	158	150
2026 (Till Date)	3029	95	24	14	246	3408	272.37	501.61	63	12

VEHICLE TURN OUT

- ❑ Upgraded Fire Control Room with modern Technology
- ❑ Integration of Dial 101 and Dial 112
- ❑ Integration with SEOC (TGiCCC)
- ❑ Computer aided dispatch
- ❑ Realtime tracking of Fire Vehicles and Appliances.
- ❑ Continuous contact with incident site officers for updates and further requirements.
- ❑ Co-ordination with other line departments like Police, Traffic, Water Board, Revenue, Electricity, etc.



ONLINE SERVICES

- ❑ Online processing of all types of NOCs (Provisional, Occupancy and Renewal)
- ❑ Auto scrutiny software for scrutiny of drawings for **Provisional NOC**.
 - At present 96 parameters are read by the software.
 - Another 30 parameters being added to the software.
 - This reduces repeated officer level queries and duration for issuing provisional NOC.
 - Rejection rate has drastically come down.
- ❑ **The average time taken for disposal of application for:**
 - **Provisional NOC has come down to max. 5 days**
 - **Final NOC has come down to max. 10 days**

ONLINE SERVICES

- Fire Attendance Certificate
- Fire License to the temporary/permanent/wholesale fire cracker stalls/godowns
- Private pumping work and Standby duties
- Fire Audit
- Mock Drills

NOCs ISSUED ONLINE

Category	No. of NOCs
Occupancy NOC	4893
Provisional NOC	8603
Renewal NOC	3891

SPECIFIC CHECKLISTS FOR ISSUING NOCs

(Under Process)

- ❑ NBC has too many parameters and practically difficult to implement.
- ❑ Applying NBC norms to issue NOC leading to too many queries and rejections.
- ❑ Practical application of Fire Safety norms and avoiding undue hardship to be priority.
- ❑ Developing specific checklists for different levels of Hazardous buildings
 - Industries (Hazard based)
 - Data Centers
 - Old buildings viz., Schools, Nursing Homes etc.
 - High-Rise Hospitals
 - Warehouses
 - Hazardous occupancy
- ❑ Revising and simplifying the terms and conditions mentioned in provisional NOC to avoid confusion for the builders.

Should the States mention the word NBC/NBCS in their Fire Acts?

CONTRIBUTION BY STAKE HOLDERS TOWARDS EXPANSION OF FIRE SERVICES

- ❑ G.O. Ms.No.2, Municipal Administration & Urban Development Department of Government of Telangana, Dtd. 03.01.2011.
- ❑ **Pertains to High-Rise Hospitals**
- ❑ The builder shall provide a Fire Station on a suitable plot measuring 1000 Sq. yards with:
 - ❑ Onetime Non-Recurring cost of Building, Water Tender & Equipment and a Hydraulic platform with 54.0 meters working height
 - ❑ Recurring cost of salaries, POL, etc., for 5 years as processing fee.
- ❑ **Similarly, we can plan for other Stake Holders also**

USE OF TECHNOLOGY

- ❑ Implementation of **100% e-Office** for transparency, efficiency, accountability and paperless administration.
- ❑ Other Modules implemented in the Department.
 - ✓ **HRMS Module** for efficient Human Resource Management
 - ✓ **Fleet Management System/Inventory Module**
 - For Control Room to quickly dispatch vehicles and equipment specific for emergency incident.
 - For effective maintenance and supervision of condition of vehicles and equipment.
 - ✓ **Kite-eye module**
 - All vehicles fitted with GPS for real time tracking for efficient turn out and operations
 - Water bodies all over the State are mapped with GPS locations for water source information.

Raise incident Existing

Water Source

Vehicle Type

Select

Vehicles to Display 10

Incident and Caller Details

Caller Name

Caller Number

Type of Fire Call *

Select

Type of Premises *

Select

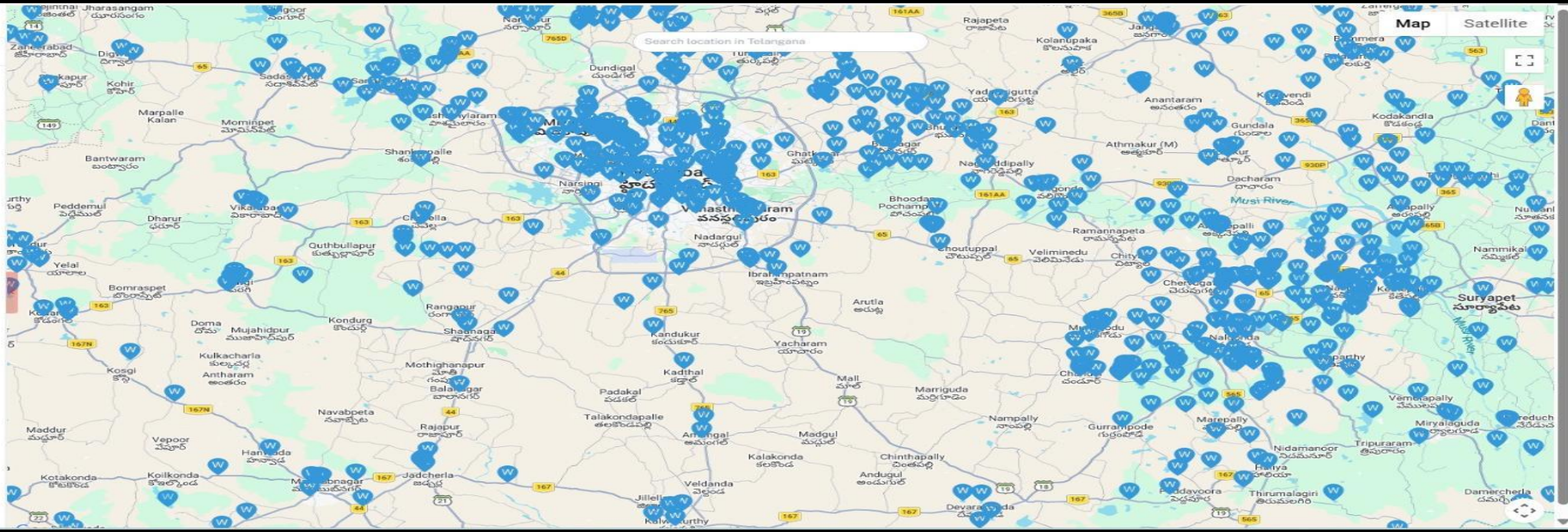
Date & Time of Received Call

30-04-2026 17:54

Location

Note: Please Enter the incident and Caller Details to enable Vehicle Dispatch.

Raise Refresh



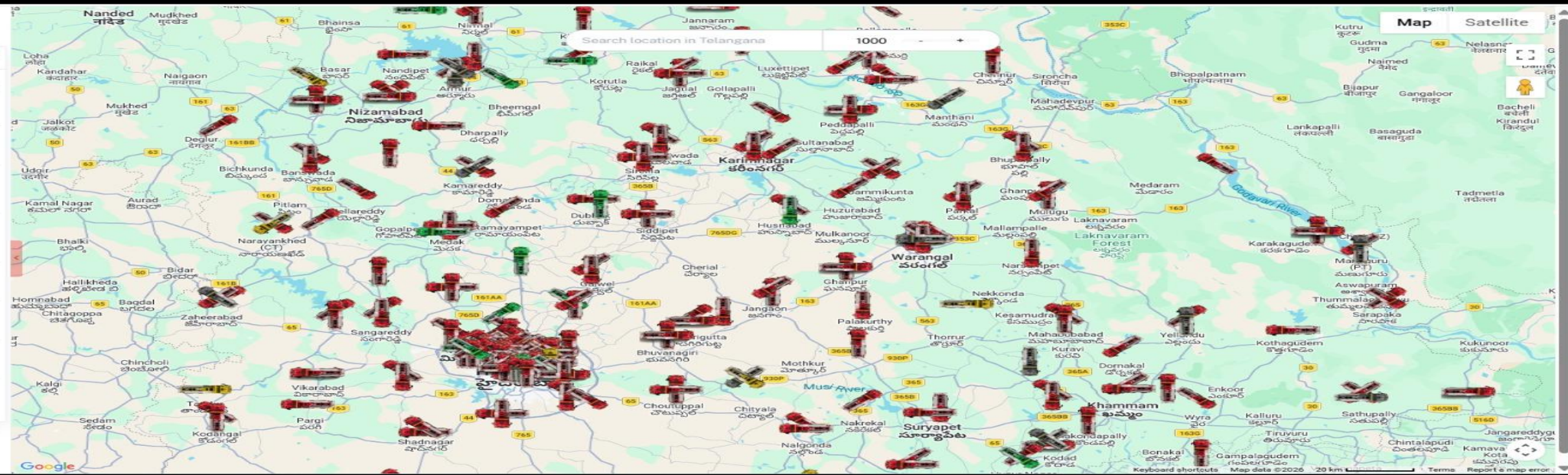
Live Status

Search vehicle no or name...

Select All Vehicles

<input checked="" type="checkbox"/>	AP09X9885	Nandipet - Water Tender	30/04/2026 06:00 PM	Run
<input checked="" type="checkbox"/>	AP28TE0698	Madhapur - Multi Purpose Tender	30/04/2026 05:59 PM	Run
<input checked="" type="checkbox"/>	AP28TE8139	Hayathnagar - Mini Water Tender	30/04/2026 06:00 PM	Run
<input checked="" type="checkbox"/>	TG07T6151	Echoda - Multi purpose tender	30/04/2026 05:59 PM	Run
<input checked="" type="checkbox"/>	TG07T8804	Medak - Water tender	30/04/2026 06:00 PM	Run
<input checked="" type="checkbox"/>	TG07T8817	Husnabad(FOP) - Water tender	30/04/2026 06:00 PM	Run
<input checked="" type="checkbox"/>	TG07V7207			Run

Search



NEW FIRE SERVICE RULES

All ranks have to learn Heavy Vehicle Driving:

- The department runs on wheels to attend various emergencies.
- Many vehicles and special appliances are available and being procured like latest Fire & Rescue Vehicles, Mist Jeeps, Quick Response Vehicles etc.
- Limited Driver Operators available.
- Limited vehicles being turned out to attend Fire & Emergency calls.
- Heavy Driving license made mandatory for all ranks.
- All ranks will be able to drive and operate Fire Vehicles and appliances.
- Now more vehicles can be turned out simultaneously
- This increases operational efficiency.

99 DAYS ACTION PLAN – PRAJAPALANA PRAGATHI PRANALIKA

- Various activities are planned as part of the program:

S.No	Schedule	Action Plan (Awareness Programs/Mock Drills)
01	06.03.2026 to 19.03.2026	Educational Buildings
02	20.03.2026 to 06.04.2026	Hospitals
03	07.04.2026 to 13.04.2026	Petrol Bunks & LPG Gas godowns
04	14.04.2026 to 20.04.2026	Various activities will be carried in Fire Service Week
05	21.04.2026 to 25.04.2026	Function Halls and cinema halls (including Multiplexes)
06	26.04.2026 to 10.05.2026	Industries and warehouses
07	11.05.2026 to 15.05.2026	Apartments, High rise buildings, Shopping malls
08	16.05.2026 to 20.05.2026	Hotels and Restaurants
09	21.05.2026 to 24.05.2026	Bus Stands and Railway Stations
10	25.05.2026 to 12.06.2026	Hazardous premises inspection and important Govt. Institutions.

- ❖ **A Total of 5813 Awareness Programs conducted in all types of occupancies across Telangana (till date)**

COMMUNITY PREPAREDNESS & CAPACITY BUILDING

- ❑ For enhancing community awareness and capacity building;
 - Planning for Special Drive on Fire Safety in
 - Schools
 - Colleges
 - RWAs
 - Hospitals
 - Industries etc.
- ❑ The objective is to train more community volunteers as 'First Responders' to disasters for building resilient community.



15th FINANCE COMMISSION GRANTS

(Expansion and Modernization of Fire Services)

- ❑ TOTAL OUTLAY for Telangana: Rs. 190.14 Crores
 - ✓ 75 % - Central Government @ Rs. 142.61 Crores.
 - ✓ 25 % - State Government @ Rs. 47.53 Crores.
- ❑ Telangana is one of the very few states in the country to have achieved **100% utilisation.**
- ❑ Construction of 31 Fire Station Buildings in various stages
 - ❖ Purchase of :
 - ✓ 104m Hydraulic Platform
 - ✓ 68m Turn Table Ladder
 - ✓ 32m Hydraulic Platform
 - ✓ Fire Fighting Robots
 - ✓ Other important misc. equipment

NEED FOR CONTINUATION OF 16th FINANCE COMMISSION

- ❑ Telangana is a fast growing state
- ❑ Particularly Hyderabad and its surrounding areas are fast developing with super high rise, Industrial and commercial buildings.
- ❑ Other major cities like Warangal, Karimnagar, Nizamabad etc are vulnerable to fire accidents, building collapses, urban floods, petroleum and gas leaks, CBRN accidents etc
- ❑ Rural areas are vulnerable to fires and riverine floods.
- ❑ The Department needs to upgrade to attend all emergencies with modern infrastructure, training and fire vehicles & equipment.

Department needs to procure

- Latest Hydraulic Platforms (104m, 32m)
- Turn table ladder (68m)
- High pressure articulated boom MPTs
- Fire Fighting Robots (Large and Small)
- Incident command control vehicle
- Field Functionary vehicles

To Construct buildings for

- 23 District Fire Offices
- New Fire Stations
- Training Institute facilities with Indoor stadium, auditorium, hostel blocks etc

Other PPE and Fire Fighting Equipment

INSURANCE

- ❑ Extremely risky profession involving constant threat to life and safety.
- ❑ As a welfare measure, Government has implemented **for the first time** a “Group Personal Accident Policy” for Telangana Fire Services personnel.
- ❑ Employees are free to choose their Salary Account with Banks offering better Insurance packages.

Sl.No	Category	Sum proposed
(i)	Firemen, Driver Operator and Leading Firemen.	Rs. 5.00 lakh
(ii)	Station Fire Officer and Assistant District Fire Officer.	Rs. 10.00 lakhs
(iii)	District Fire Officer.	Rs. 15.00 lakhs
(iv)	Regional Fire Officer/Addl. Director of Fire Services/Director of Fire Services.	Rs. 25.00 lakhs
(v)	Education aid for two children below the age of 25 years, the benefit shall be Rs.5000/- each in case of one child and Rs.10,000/- in case of two children.	
(vi)	Additional benefits include expenses incurred for transportation of Insured's dead body to the place of residence and the benefit shall range between Rs.500/- to Rs.5000/- depending on the circumstances and merits of particular case.	
<i>Note:</i>	<i>The above Policy covered the risk of Death, loss of 2 limbs/2 eyes, loss of 1 limb/1. eye, Permanent Total Disablement and Permanent Partial disability.</i>	



The Telangana State Disaster Response Force was constituted by leveraging the existing operational strength — the Telangana Fire Services Department and the Telangana Special Police (TGSP).

This merger created a disaster response unit with an intention of rapid deployment across all districts of the State.

Existing Force Limitations

- **TGSP component:** Not a dedicated force exclusively for disasters; deployed for L&O situations and elections
- **Fire Services component:** Same personnel handle disasters while managing core firefighting duties, Search and Rescue operations, and major bandobust
- **Seasonal strain:** Particularly challenging during the 4-5 month monsoon period



Locations of SDRF Teams

S.No	TGFD SDRF TEAMS	TGSP SDRF COMPANY
1	Hyderabad	1 st Battalion - Hyderabad
2	Adilabad	2 nd Battalion - Adilabad & Nirmal
3	Ranga Reddy	3 rd Battalion - Yadadri-Bhongir & Ranga Reddy
4	Warangal	4 th Battalion - Warangal, Mahabubabad, Jangaon, Hanumakonda
5	Karimnagar	5 th Battalion - Bhupalpally & Mulugu
6	Khammam	6 th Battalion - Khammam & Badradri Kothagudem
7	Nizamabad	7 th Battalion - Nizamabad, KamaReddy & Medak
8	Medak	8 th Battalion - Medchal, Vikarabad & Sanga Reddy
9	Mahaboobnagar	10 th Battalion - Mahaboobnagar, Wanaparthy, Nagarkurnool, J. Gadwal & Narayanpet
10	Nalgonda	12 th Battalion - Nalgonda & Suryapet
11		13 th Battalion - Mancheri, K. Asifabad & Peddapalli
12		17 th Battalion - Rajanna Siricilla, Karimnagar, Siddipet & Jagtial

Training Responders: SDRF's Commitment to Excellence in Disaster Management

Across NDRF Battalions, a structured training ecosystem is building a highly capable, multi-skilled disaster response force — from frontline responders to expert trainers.

625

Basic First Responders

Trained across various NDRF Battalions with essential life-saving skills

26

Trainers of Trainers (ToT)

Certified to multiply training capacity across the force

06

Master of Trainers (MoT)

Advanced expertise in training methodologies and course design





Abstract of SDRF Operations
(Since the date of formation (18-10-2024) to till date)

S. No	Name of the District	No. of Rescue Operations Conducted	No. of Persons Rescued	No. of Animals Rescued
1	2	3	4	5
1	Adilabad	5	88	0
2	Hanumakonda	29	2185	2
3	Kamareddy	8	398	657
4	Medak	6	3	0
5	Nirmal	5	10	10
6	Nizamabad	14	453	0
7	Rajanna Siricilla	1	1	0
8	Warangal	19	938	0
9	Mahabubnagar	13	10	985
10	Vikarabad	3	2	50
11	Hyderabad	1	85	0
12	Jogulamba Gadwal	3	1	0
13	Karimnagar	2	0	3
14	Sangareddy	22	0	6
15	Rangareddy	1	25	0
16	Nagarkunool	7	10	76
17	Khammam	1	2	0
	Total	140	4211	1789

RESCUE OPERATIONS IN NIZAMABAD



RESCUE OPERATIONS IN KAMAREDDY



RESCUE OPERATIONS IN HANUMAKONDA



RESCUE OPERATIONS IN HYDERABAD





RESCUE OPERATIONS IN SURYAPET

SLBC Tunnel Rescue Operations

The Incident

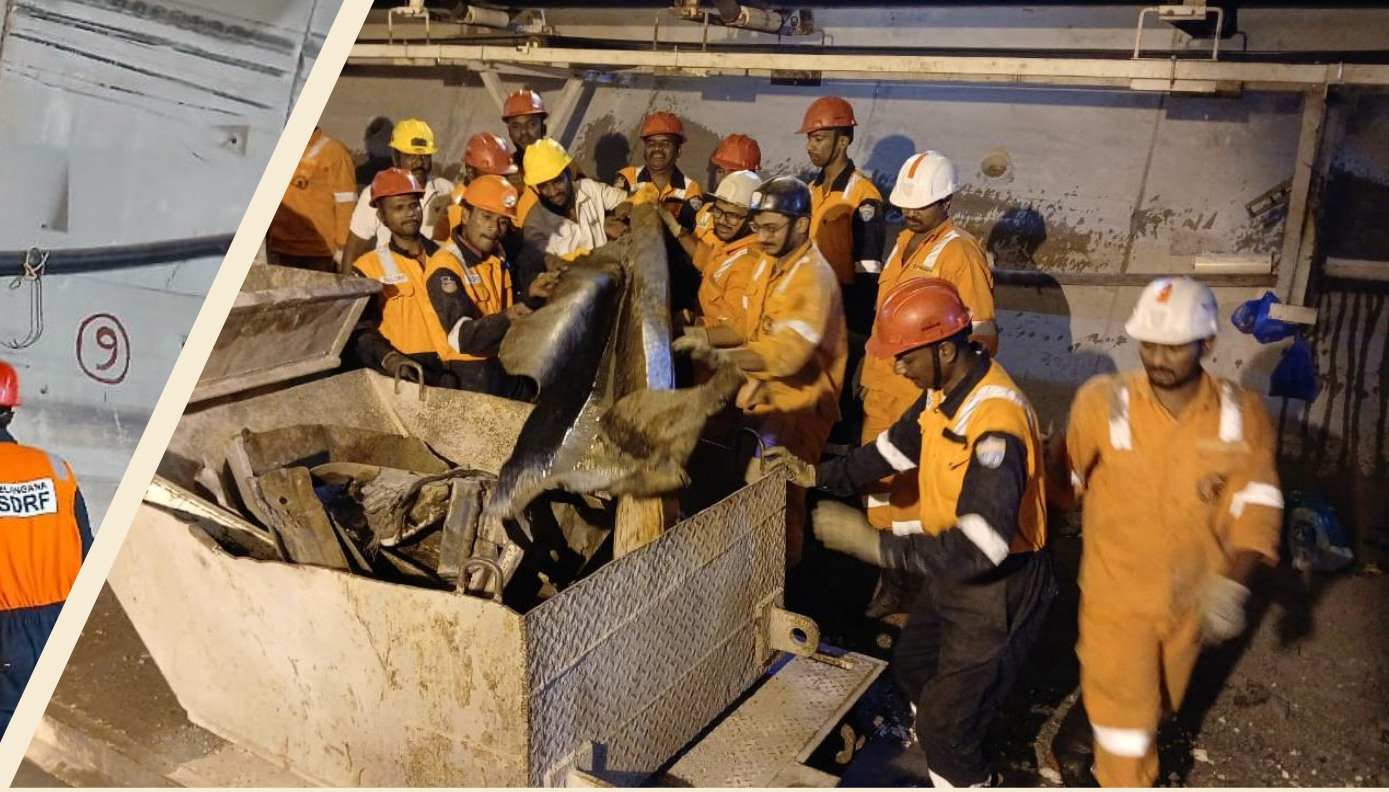
The Srisailem Left Bank Canal (SLBC) tunnel, one of the longest irrigation tunnels in Asia, became the site of a high-stakes rescue operation when workers were trapped deep inside due to water ingress and structural complications.

The operation demanded specialized skills in confined-space rescue, underwater search.

Role of SDRF

- SDRF teams with rescue expertise was deployed immediately
- Coordinated multi-agency operation alongside NDRF, Army, Singareni and other engineering experts
- Continuous round-the-clock shifts maintained inside hostile tunnel environment
- Advanced equipment including underwater cameras were utilized
- Persistent efforts demonstrated the force's capacity for complex, high-risk operations

i The SLBC rescue operation stands as one of the most technically demanding missions undertaken by the Telangana SDRF, showcasing its readiness for non-conventional disaster scenarios.



Saleshwaram Jathara — Nagarkurnool





CHALLENGES

Urgent Need

Dedicated, fully-staffed State Disaster Response Force with specialized training and equipment.

Why a Dedicated Force?

- Rising frequency of climate-induced disasters
- Need for specialized, round-the-clock emergency capability
- Standardized training & equipment across the State
- Faster mobilization than conventional police or fire units
- Alignment with NDMA guidelines on State-level forces



1st State Level Mock Exercise — Floods & Industrial Disasters

First-ever State Level Mock Exercise conducted on 22.12.2025 in coordination with NDMA.

5

12

35+

Industrial Districts

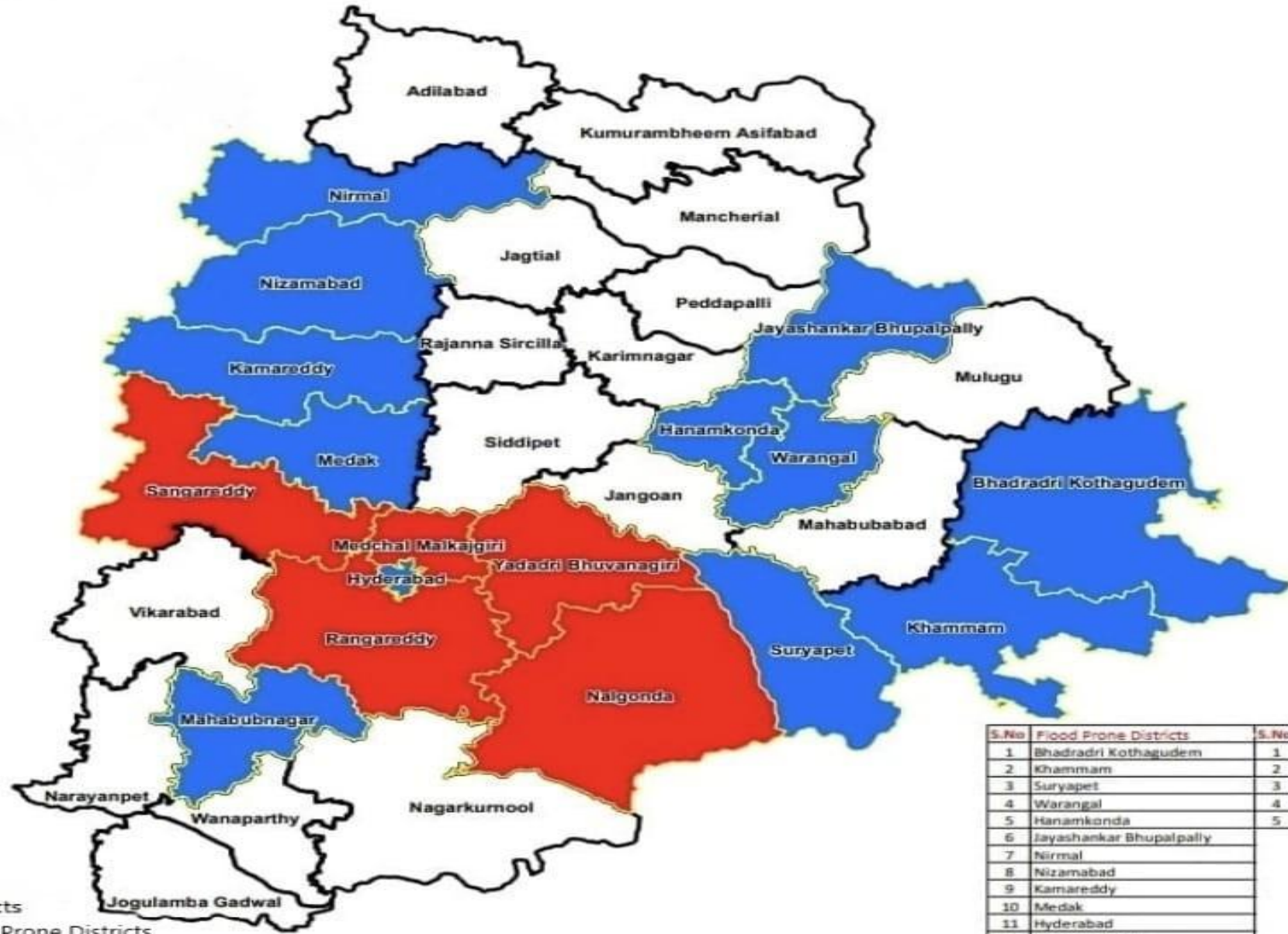
Flood Districts

Departments



Mock Exercise at IOCL, Cherlapally

Outcome: Identified gaps, strengthened protocols, and demonstrated operational readiness across multiple scenarios.



Legend

-  Flood Prone Districts
-  Industrial Accident Prone Districts

S.No	Flood Prone Districts	S.No	Industrial Accident Prone Districts
1	Bhadradri Kothagudem	1	Sangareddy
2	Khammam	2	Medchal Malkajgiri
3	Suryapet	3	Yadadri Bhuvanagiri
4	Warangal	4	Nalgonda
5	Hanamkonda	5	Rangareddy
6	Jayashankar Bhupalpally		
7	Nirmal		
8	Nizamabad		
9	Kamareddy		
10	Medak		
11	Hyderabad		
12	Mahabubnagar		





UPCOMING STATE WIDE MOCK EXERCISE (ME)

- ❑ **7th May 2026** – Orientation and Coordination conference (VC Mode)
- ❑ **15th May 2026** – Table Top Exercise with senior officers of all concerned departments at Hyderabad (TGiCCC – SEOC). All district collectors and line departments will join online.
- ❑ **18th May 2026** – State wide Mock Exercise on
 - **Floods:** 12 Districts (Khammam, Bhadadri-Kothagudem, Warangal, Hanumakonda, Jayashankar-Bhupalapalli, Nirmal, Kamareddy, Nizamabad, Medak, Mahbubnagar, Hyderabad, Suryapet)
 - **Forest Fires:** 04 Districts (Asifabad, Jayashankar Bhupalapalli, Bhadadri Kothagudem, Nagarkurnool)
 - **Industrial Incidents:** 02 Districts (Sangareddy, Medchel Malkajgiri)

DRAFT AMENDMENTS TO FIRE SERVICES ACT, 1999

- Better compliance, regulation, enforcement and penal provisions.
- The draft has been shared with nearly 20 different stakeholder organizations and also given wide publicity through Government website, Fire department website and 'X' social media platform.
- Series of meetings have taken place for better understanding & feedback.
- Submission of public feedback/opinion till 13th May 2026.

KEY PROVISIONS:

- ❑ More types and numbers of buildings proposed to be brought under NOC mandate.
- ❑ NOC for Non-High-Rise buildings based on risk category will be online through Self Certification/3rd party certification.
- ❑ Mandatory periodic renewal of NOCs.
- ❑ Role of empaneled 3rd Party Auditors and Fire Safety System Integrators.
- ❑ Mandatory certification by Qualified Electrical personnel.
- ❑ Appointment of Fire Safety Manager based on the risk category of the building.

KEY PROVISIONS:

- ❑ Constitution of 'Fire Prevention and Life Safety Fund'.
- ❑ Power to declare the buildings 'Unsafe' and seal the buildings.
- ❑ Increase in Fine amounts
- ❑ Certain offences made cognizable and triable by JFCM.
- ❑ Designated courts in every district.

EMPANELMENT OF QUALIFIED AGENCIES

- ❑ The Government has issued guidelines for empanelment of;
 - 3rd Party Fire Safety Auditors
 - Fire Safety System Integrators
- ❑ To ensure;
 - Quality of 3rd Party Fire & Life Safety Audits on compliance of Fire Safety.
 - Standards of Fire Safety Systems erected in the Building.
- ❑ This eases burden on the Department

FIRE / SMOKE HAZARD ALLOWANCE

Life risk and injuries during fighting Fire and disaster response:

- Burn Injuries
- Continuous exposure to Poisonous chemicals
- Inhalation of Smoke & Toxic gases
- Extreme Heat and high temperature
- Risks of eye strain
- Risk while conducting search and rescue operations in building collapse, road and train accidents, Flyover collapse, Floods, Cyclones, Earthquakes etc leading to deteriorating health (Cancer, Cardiovascular diseases, Lung diseases).

Proposal: Fire/Smoke Hazard Allowance for executive staff

Whether any other State giving Special Pay/allowances?

ELECTRICAL VEHICLES (EV) CHARGING POINTS & FIRE SAFETY

- ❑ Net Zero emission
- ❑ EV vehicles will increase in future
- ❑ Technology and affordability will improve
- ❑ Urban areas pose major parking challenges – Residential and Non-residential buildings
- ❑ **Focusing on:**
 - Location and Layout Planning
 - Ventilation and Smoke Management
 - Fire Detection and Alarm Systems
 - Fire Suppression Systems
 - Egress and Emergency Access
 - Signage and Public Awareness
 - SOPs and Maintenance
 - Training and Emergency Preparedness

Any State implemented so far?

ELECTRICAL VEHICLES (EV) CHARGING POINTS



Basement **SLOW CHARGER**



Public **SPEED CHARGING** Station



Public **SPEED CHARGING** Station

thank you