



**DISTRICT DISASTER  
MANAGEMENT PLAN  
2024**



**SALEM DISTRICT**

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# DISASTER MANAGEMENT

## INTRODUCTION

### **Disaster Meaning**

The term disaster owes its origin to the French word “Desastre” which is a combination of two words ‘des’ meaning bad and ‘aster’ meaning star. Thus the term refers to ‘Bad or Evil Star’. A disaster can be defined as “A serious disruption in the functioning of the community or a society causing wide spread material, economic, social or environmental losses which exceed the ability of the affected society to cope using its own resources”.

### **The DM Act 2005 - Definition for Disaster:**

“Disaster” means a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or man-made causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to, and destruction of, property, or damage to, or degradation of, environment, and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area.”

The UNISDR defines disaster risk management as the systematic process of using administrative decisions, organization, operational skills and capacities to implement policies, strategies and coping capacities of the society and communities to lessen the impacts of natural hazards and related environmental and technological disasters. This comprises of all forms of activities, including structural and non-structural measures to avoid (prevention) or to limit (mitigation and preparedness) adverse effects of hazards.



## **DISTRICT DISASTER MANAGEMENT PLAN – AN OVERVIEW AND GOALS**

### **District Disaster Management Plan (DDMP):**

The District Disaster Management Plan is a dynamic document, comprising of the past experiences of disaster that were managed by the district and of the current year scenario to devise a set of guidelines for district level disaster preparedness, Prevention, Mitigation and Monitoring. Every Line departments in the district has prepared its own Disaster Management Plan. DDMP are drawn up, under the supervision of the District Collector in coordination with all concerned departments and the Emergency support functions of various departments are listed out in the plan and resources in the Local Bodies are listed out and all of this have been converted into the District plan. While the DDMP forms the frameworks for the entire District, it will be fine tuned further by requirements of individual Vulnerable Areas and emergency situations.

The District Disaster Management Authority envisages a plan for long-term preventive measures for relief and rescue of the General public from the menace of disaster. Natural and manmade disasters have caused Loss of human lives, cattle loss and poultry loss and have also affected the houses and crops. This necessitates precautionary steps to mitigate the impact of disaster like cyclone, flood, drought, land slide, earthquake and heat waves in future.

### **Aim of District Disaster Management Plan**

The DDMP is mainly focused on,

- ❖ Identification of the vulnerability areas of different parts of the District to different types of disasters.
- ❖ Strategies to be adopted for prevention and mitigation of disasters.
- ❖ Responsibilities of the community, NGOs and other Non governmental institutions in different phases for managing a

disaster. They should plan and act for pre-disaster, during disaster and post disaster phases by coordinating with the line departments.

- ❖ Role of each department in preparation and proper response will manage a disaster effectively.
- ❖ All sorts of mitigation measures shall be planned and executed.

The Disaster Management plan shall be categorized as four phases such as Non Disaster, Pre-Disaster, During Disaster and Post Disaster and the type of measures to be taken at each phase shall be as follows:-

**Non-Disaster:**

In this phase, type of vulnerability should be identified by enquiring about the past experience from the residents of the locality. Cleaning and repairing works in evacuation shelters and community halls shall be carried out. Teams consisting of Government officials and First Responders are to be formed for evacuation rescue and relief activities.

**Pre-Disaster:**

This phase is the preparedness phase. All the line departments shall be in ready position with all the manpower and materials to mitigate the effect of disaster. The general public shall be given training to safeguard their lives and assets. Pre-arrangements for shelter, food materials, cooking vessels, protected drinking water and medical facilities shall be made.

**During Disaster:**

The minimum time management to evacuate the general public and livestock to safe shelters and fast response in search and rescue operations shall be planned. Providing of food materials, protected drinking water, medicines and basic minimum facilities immediately after occurrence of disaster should be ensured to the affected population.

### **Post Disaster:**

During Post Disaster period, medical department has to take efforts to prevent diseases caused by disaster. Veterinary doctors have to take care of cattle and poultry. Other departments have to restore normalcy by mobilizing all man power and machineries. Long term measures shall be prepared for rehabilitation and to mitigate disasters in future. Damages are to be assessed and relief assistance are to be given by getting funds from the Government.

### **Community Based Disaster Management (CBDM):**

CBDM brings together the multitude of community stakeholders for disaster risk reduction; enables expansion of resource base by linking up communities that are most vulnerable with key systems such as early warning mechanisms, resource mobilization etc.,

Adopting CBDM approach in managing disasters contribute to people's empowerment by way of physical safety; guaranteed access and more on resources; promotes community's participation in decision making related to risk reduction.

### **Community-Based Disaster Management (CBDM) – Approaches:**

Creating awareness in the community about different types of injuries, illnesses and other health problems. Promoting personal hygiene practices and the use of safe drinking water along with washing hands with soap and water are important preventive actions for reducing diarrhea.

Stockpile of Halogen tablets, ORS and basic medicines at appropriate points in the village shall be kept during the entire flood season. Training health workers and task force members in the community in providing first-aid to the injured and resuscitation measures for cases of drowning or injuries.

Disasters could, individually or in combination, cause a grave emergency condition in any area of the district. It can vary in scope and intensity, from a small local incident with minimal damage to a multi-district disaster with extensive devastation and loss of life. The actions of prevention, mitigation, preparedness, response and recovery operations are conducted by the District Administration. Local authorities will exhaust their resources, and then use resources of other support agencies, volunteer groups, private sector and neighboring districts.

State assistance will supplement District administration efforts and central assistance will supplement State and District Administration, when it is clearly demonstrated that it is beyond local and State capability to cope with the disaster situation.

**Concept of Operations:**

The Disaster Management Plan is based on the pretext that the Emergency Support Functions (ESF) performed by the various agencies and organizations during emergency operations generally parallels their normal day-to-day functions. The same personnel and material resources will be employed in both cases. Day-to-day tasks and operations that do not contribute directly to the emergency may be suspended or redirected for the duration of any emergency or disaster and efforts that would normally be assigned to those tasks will be channeled toward emergency and disaster ESF as assigned.

**Disaster Management Cycle:**

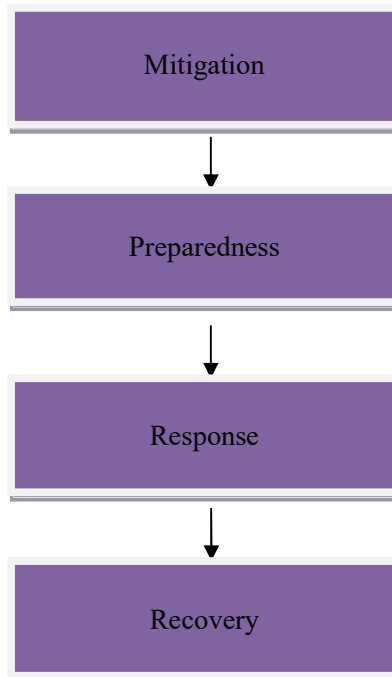
Disaster management is a cycle in which relief is just meant for better development. But at the same time it is to be remembered that none of these steps in disaster management cycle are watertight compartments. If disasters have been handled professionally with the perspective of a long term development and sustainability, the quantity of relief required could be halved drastically.

## DISASTER MANAGEMENT CYCLE



## PREVENTIVE MEASURES

### The Four Phases of Emergency Management





## The Four Phases of Emergency Management.

<p><b>Mitigation:</b></p> <p>Preventing Future emergencies and minimizing their effects</p>	<ul style="list-style-type: none"> <li>➤ Includes any of the activities that prevent and reduce the chance of emergency or reduce the damaging effects due to unavoidable emergencies.</li> <li>➤ Mitigation activities such as desilting and strengthening of bunds in the lakes, tanks and channels, repair works of sluice and shutters, construction of culverts and drainage for free flow of water are undertaken before and after emergencies</li> </ul>
<p><b>Preparedness:</b></p> <p>preparing to handle emergency</p>	<ul style="list-style-type: none"> <li>➤ Includes plans or Preparations made to save lives in response and rescue Operations.</li> <li>➤ Conducting of mock drills, renovation of shelters, lighting facilities and sanitary arrangements.</li> <li>➤ Evacuation plans and stocking of medicine, food materials and protected drinking water are examples for preparedness.</li> </ul>
<p><b>Response:</b></p> <p>Responding Safely to an emergency</p>	<ul style="list-style-type: none"> <li>➤ Includes actions taken to save lives and prevent further property damage in an emergency situation. Response is putting preparedness plans into action.</li> <li>➤ Seeking shelter during cyclone or turning off gas valves in an earthquake are both response activities.</li> <li>➤ On the prediction of cyclone / flood the general public shall be alerted to reach to safe shelter</li> <li>➤ Drinking water shall be chlorinated. All basic amenities, medicines, food materials shall be provided.</li> </ul>

<p><b>Recovery:</b></p> <p>Recovering from an emergency</p>	<ul style="list-style-type: none"> <li>➤ Recovery activities take place after an emergency. Basic amenities in the habitations shall be restored at first.</li> <li>➤ Actions are taken to return to a normal or an even safer situation following disaster.</li> <li>➤ Damage of huts and crops shall be assessed by an official team and recommend for financial assistance.</li> </ul>
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<b>VULNERABILITY</b>			<b>HAZARD</b>
<b>Underlying Causes</b>	<b>Dynamic Pressure</b>	<b>Unsafe Conditions</b>	<b>TRIGGER EVENT</b>
Limited access to resources	Lack of Institutions education training skills Population expansion Urbanization Uncontrolled development Environmental degradation	Dangerous location Dangerous buildings Low income level	Earthquake Tsunamis Floods Cyclones Volcanic Eruption Drought Landslide War Technological accident Environmental Pollution

## VARIOUS TYPES OF HAZARDS

S.No.	Types	Hazards
1.	Geological Hazards	<ol style="list-style-type: none"> <li>1. Earthquake</li> <li>2. Tsunami</li> <li>3. Volcanic Eruption</li> <li>4. Landslide</li> <li>5. Dam Burst</li> <li>6. Mine Fire</li> </ol>
2.	Water & Climatic Hazards	<ol style="list-style-type: none"> <li>1. Tropical Cyclone</li> <li>2. Tornado and Hurricane</li> <li>3. Floods</li> <li>4. Drought</li> <li>5. Hailstorm</li> <li>6. Cloudburst</li> <li>7. Landslide</li> <li>8. Heat &amp; Cold Wave</li> <li>9. Snow Avalanche</li> <li>10. Sea Erosion</li> </ol>
3.	Environmental Hazards	<ol style="list-style-type: none"> <li>1. Environmental Pollutions</li> <li>2. Deforestation</li> <li>3. Desertification</li> <li>4. Pest Infection</li> </ol>
4.	Biological	<ol style="list-style-type: none"> <li>1. Human / Animal Epidemics</li> <li>2. Pest attacks</li> <li>3. Flood poisoning</li> <li>4. Weapons of Mass Destruction</li> </ol>
5.	Chemical, Industrial and Nuclear Accidents	<ol style="list-style-type: none"> <li>1. Chemical disasters</li> <li>2. Industrial disasters</li> <li>3. Oil spills / Fires</li> <li>4. Nuclear</li> </ol>
6.	Accident related	<ol style="list-style-type: none"> <li>1. Boat / Road/ Train accidents / air crash Rural / Urban fires Bomb / Serial Bomb blasts</li> <li>2. Forest fires</li> <li>3. Building collapse</li> <li>4. Electric Accidents</li> <li>5. Festival related disasters</li> <li>6. Mine flooding</li> </ol>

**National Disaster Response Force Team visit to Salem of MAH units / Industries.**

**1. Mettur Thermal Power Station on 14.11.2023**



**2. Chemplast Sanmar Limited, Mettur on 11.11.2023**



## **Indian classification of cyclonic disturbances in the North Indian Ocean**

### **(Bay of Bengal and Arabian Sea)**

<b>Type</b>	<b>Wind Speed in km/h</b>	<b>Wind Speed in Knots</b>
Low Pressure Area	Less than 31	Less than 17
Depression	31-49	17-27
Deep Depression	50-61	28-33
Cyclonic Storm	62-88	34-47
Severe Cyclonic Storm	89-118	48-63
Very Severe Cyclonic Storm	119-221	64-119
Super Cyclone	222 or more	120 or more

### **Risk Identification & Assessment:**

A systems based approach gives due emphasis on risk identification and assessment of the system as a whole, which is a pre-requisite for any significant intervention for prevention, mitigation, preparedness and response etc. The District is Vulnerable to both natural and man-made hazards of different types with varying intensity.

### **Flood Vulnerability:**

Salem District is subjected to seasonal flooding, including urban floods, floods due to cloudbursts, monsoon floods of single and multiple events, cyclonic floods and excessive water release due to over flow in mettur dam. There are few number of people affected, some succumbing to the floods, hut damages and few hectares of crops are damaged.

### **Heat Wave Vulnerability:**

A Heat Wave is a period of abnormally high temperatures, more than the normal maximum temperature that occurs during the (Hot Weather) summer season. Heat Waves typically occur between March and June. The extreme temperatures and resultant atmospheric



conditions adversely affect people living in these regions as they cause physiological stress, sometimes resulting in death. Salem has recorded temperature above 40 degrees in past.

**Seismicity Vulnerability:**

Salem District is situated in the moderate seismic risk zone of zone III category and has witnessed few earth quakes in the past. The last one was on 22.7.2018 which recorded a magnitude of 3.3 Richter scale. Salem District has one seismological observatory in Collectorate premises with latest recording facilities.

**Landslide Vulnerability:**

Landslide is one of the major natural hazards that is commonly experienced in hilly terrains. Salem District comprises the Shevoraoyo Hills which experiences few small scale landslide incidents during rainy season in Yercaud Hills.

**Forest Fire:**

Forest Fire is a recurring phenomena in the State leading to disastrous proportions during the decade 2006-2015, Salem district has 27.41 % of forest covering 1435 sq km. Few forest fire cases were reported during summer seasons which were put off by immediate actions.

**Chemical, Biological, Radiological and Nuclear (CBRN):**

Salem District has few chemical industries like chemplast in Mettur Taluk which stores chemical for their operations. These industries conduct regular mock drills involving community and ensure safety norms.

**Hazard Vulnerability Risk Analysis: Flood**

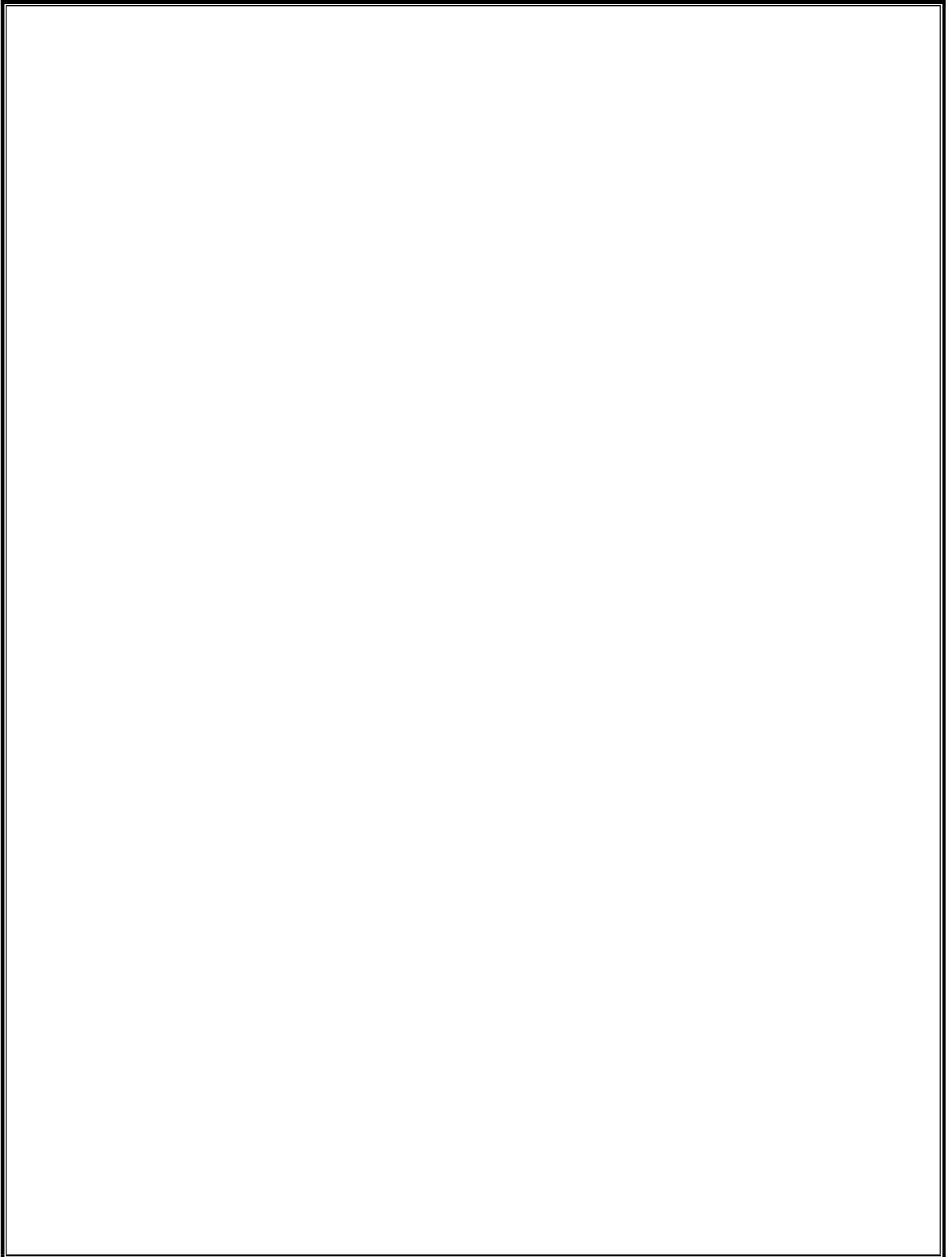
The Government of Tamil Nadu has initiated number of studies to assess the Hazard and Vulnerability Risk Analysis of (HVRA) various disasters. The categorization for flood is as follows.

Areas of Very High Vulnerability:	a. Where inundation of water was more than 5 feet, or b. Where rescue operations were carried out with the help of Central forces/State Disaster Response Force (SDRF), or c. Which were cut-off and became inaccessible, or d. Where loss of lives was reported or large-scale evacuation was carried out.
Areas of High Vulnerability	Where inundation of water was from 3 to 5 feet.
Areas of Medium Vulnerability	Where inundation of Water was from 2 to 3 feet.
Areas of Low Vulnerability	Where inundation of water was below 2 feet.

Based on past experience and available legacy data and inundation levels during recent past, 17 Vulnerable areas were identified in Salem district and Nodal Officers were appointed to undertake preparedness, mitigation, response and relief work. Further based on recent Cauvery flood, 6 new Vulnerable Areas have been identified in Mettur, Edappady and Sankari Taluks and totally 23 places are identified as Vulnerable in Salem district.

**LIST OF VULNERABLE AREAS IN SALEM DISTRICT -2024**

<b>Sl. No.</b>	<b>Category</b>	<b>No. of Vulnerable areas</b>	<b>Local Bodies</b>	<b>No. of Vulnerable areas</b>
1	Very High Vulnerable Area (5 feet water level)	Nil	Salem Corporation	13
2	High Vulnerable Area (3-5 feet water level)	7	Municipality	4
3	Moderate Vulnerable Area (2-3 feet water level)	6	Town Panchayat	3
4	Less Vulnerable Area (below 2 feet water level)	10	Panchayat	3
<b>Total</b>		<b>23</b>	<b>Total</b>	<b>23</b>



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**CHAPTER- I**  
**PROFILE OF SALEM DISTRICT**





## **DISTRICT PROFILE OF SALEM**

### **Geographical Location:**

Salem District is situated on the North and East Hemisphere located between 11° 14' and 12° 53' North latitude and between 77° 44' and 78° 50' East longitudes. It covers the geographical area of 5245 sq.km. It is the fifth largest district in Tamil Nadu. It is located about 160 kms North East of Coimbatore, 186 kms South East of Bangalore and about 340 kms South West of Chennai. The District is surrounded by Dharmapuri and Karnataka state in the North, Erode in West, Vilupuram and Perambalur in East and Namakkal and Trichy in South.

### **PHYSIOGRAPHIC:**

#### **Salem is Geologists Paradise Surrounded by Hills:**

Nagaramalai on the North, Jarugumalai on South, Kanjamalai on the West, Godumalai on East and the Shervaroy Hills on North East and Kariyaperumal Hill is in South West.

### **Climate:**

Salem has a tropical Savanna Climate. January and February is generally pleasant. The hot summer begins in March with the years highest temperatures during April. Pre monsoon thunder storms occur during April and May. The South West monsoon occurs from June to September and the North East monsoon occurs from October to December

**The District Average Annual Rainfall is listed as below:**

<b>Sl. No.</b>	<b>Year</b>	<b>Average Annual Rainfall (mm)</b>
1)	2010	720.04
2)	2011	655.01
3)	2012	487.39
4)	2013	741.95
5)	2014	801.48
6)	2015	1133.86
7)	2016	521.85
8)	2017	196.12
9)	2018	562.11
10)	2019	975.4
11)	2020	1068.23
12)	2021	1294.01
13)	2022	1136.60
14)	2023	845.50
15)	2024	579.25 (31.08.2024)

<b>MONTHLY RAINFALL DATA OF SALEM DISTRICT - As on 31.08.2024 (Rainfall in mm)</b>				
<b>Month</b>	<b>Normal Rainfall (mm)</b>	<b>Actual Rainfall (mm)</b>	<b>Actual Rainfall (mm)</b>	<b>% of Difference (mm)</b>
		<b>2023</b>	<b>2024</b>	<b>2024</b>
<b>January</b>	<b>8.5</b>	<b>6.55</b>	<b>11.54</b>	<b>35.74</b>
<b>February</b>	<b>7.5</b>	<b>1.42</b>	<b>0</b>	<b>0</b>
<b>March</b>	<b>16</b>	<b>43.71</b>	<b>0</b>	<b>0</b>
<b>April</b>	<b>54</b>	<b>22.18</b>	<b>0.14</b>	<b>- 99.75</b>
<b>May</b>	<b>100.8</b>	<b>147.06</b>	<b>168.01</b>	<b>66.68</b>
<b>June</b>	<b>65.1</b>	<b>52.29</b>	<b>122.34</b>	<b>87.93</b>
<b>July</b>	<b>96.4</b>	<b>43.71</b>	<b>39.35</b>	<b>-59.18</b>
<b>August</b>	<b>119.6</b>	<b>94.54</b>	<b>237.87</b>	<b>98.89</b>
<b>September</b>	<b>159.5</b>	<b>190.25</b>	<b>-</b>	<b>-</b>
<b>October</b>	<b>190.9</b>	<b>94.74</b>	<b>-</b>	<b>-</b>
<b>November</b>	<b>123.8</b>	<b>137.01</b>	<b>-</b>	<b>-</b>
<b>December</b>	<b>55.8</b>	<b>11.08</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>997.9</b>	<b>844.52</b>	<b>-</b>	<b>-</b>

### **The List of Reservoirs in Salem District:**

1)	Stanley Reservoir
2)	Anaimaduvu Reservoir
3)	Kariya Koil Reservoir

#### **1) The Stanley Reservoir:**

An architectural marvel and important land mark in the Mettur Division of Salem, is Stanley reservoir. It is the heart, that pumps the life giving water to the farmers of the Cauvery basin who suffer the vagaries of Indian monsoons. The Sixteen Gates is an Engineering master-piece and regulates the flow of water released from the Mettur Dam to the paddy fields Covering the Eight Districts of Salem, Erode, Namakkal, Karur, Tiruchirapalli, Thanjavur, Thiruvarur and Nagapattinam.





### **Mettur Dam Maximum Out flow (2015 - 2024)**

<b>Year</b>	<b>Date</b>	<b>Maximum Outflow C/S</b>	<b>Level (Feet)</b>
2015	1.09.2015	16000	90.890
2016	15.10.2016	18000	65.840
2017	13.10.2017	18000	97.510
2018	20.08.2018	201017	119.530
2019	10.09.2019	78380	120.740
2020	26.09.2020	20850	100.020
2021	21.11.2021	64972	120.100
2022	05.08.2022	203896	120.050
2023	01.08.2023	14000	63.860
<b>2024</b>	<b>02.08.2024</b>	<b>168267</b>	<b>120.150</b>

## **Mettur Dam Maximum Inflow (2015 - 2024)**

<b>Year</b>	<b>Date</b>	<b>Maximum Inflow C/S</b>	<b>Level (Feet)</b>
2015	06.11.2015	40261	70.960
2016	11.09.2016	16053	79.260
2017	29.09.2017	48221	90.700
2018	20.08.2018	195449	119.530
2019	13.08.2019	253730	101.220
2020	10.08.2020	131532	86.910
2021	21.11.2021	65215	120.100
2022	05.08.2022	202727	120.050
2023	29.07.2023	18058	65.530
<b>2024</b>	<b>02.08.2024</b>	<b>171357</b>	<b>120.150</b>

## 2) Anaimaduvu Reservoir:

Anaimaduvu reservoir or Puzhuthikuttai Dam is constructed across upper Vellar River also known as Anaimaduvu River. It is located in foothills of upper Kalrayan in Valapady Taluk of Salem District. The length of this reservoir is 670 mm. The approximate height of the Dam is 27.94 mm. The water helps the cultivation of lands in the nearby Villages like Belur, Valapaddy and Ayothiyapattinam which combines more than 2000 hectores of total Agricultural land.



### 3) Kariyakovil Reservoir: (Pappanaickenpatti Dam)

Kariyakovil Dam built across Kariakovil River is about 52 ft height and 708 mm in length is in Karumandurai Village, Attur Taluk. The water helps in irrigation of nearby Agricultural lands.



#### **Population:**

According to 2011 census, Salem District recorded a population of 34,82,056. Male population was 17,81,571, Female - 17,00,485 and under age six was 79,067. The literacy rate was 72.86 percent.

#### **Administrative Unit:**

Salem District constitutes 4 Revenue Divisions, 14 Taluks, 44 Firkas, 655 Revenue Villages, One Corporation, 6 Municipalities, 20 Panchayat Unions (Blocks) and 31 Town Panchayats.

## REVENUE DIVISIONS - 4

1)	Salem
2)	Attur
3)	Mettur
4)	Sankari

## TALUKS - 14

1)	Salem
2)	Salem West
3)	Salem South
4)	Valappady
5)	Yercaud
6)	Pethanaickenpalayam
7)	Attur
8)	Gangavalli
9)	Thalaivasal
10)	Sankari
11)	Edappady
12)	Mettur
13)	Omalur
14)	Kadayampatti

## PANCHAYAT UNIONS - 20

1)	Salem
2)	Veerapandi
3)	Thalaivasal
4)	Gangavalli
5)	Panaimarathupatti
6)	Ayothiyapattinam

7)	Valappady
8)	Yercaud
9)	Attur
10)	Pethanaickenpalayam
11)	Nangavalli
12)	Mecheri
13)	Kolathur
14)	Omalur
15)	Tharamangalam
16)	Kadayampatti
17)	Sankagiri
18)	Magudanchavadi
19)	Konganapuram
20)	Edappady

### **MUNICIPALITIES - 6**

1)	Mettur
2)	Edappady
3)	Attur
4)	Narasingapuram
5)	Tharamangalam
6)	Edanganasalai

### **TOWN PANCHAYATS – 31**

1)	Ayothiyapattinam
2)	Gangavalli
3)	Attayampatti
4)	Jalagandapuram
5)	Elampillai
6)	Kannankurichi
7)	Kolathur
8)	Konganapuram
9)	Mecheri
10)	Omalur
11)	Panaimarathupatti
12)	Pethanaickenpalayam
13)	Sankagiri
14)	Thammampatti
15)	Valappady
16)	Veerakkalpudhur
17)	Belur
18)	Kadayampatti
19)	Karuppur
20)	Keeripatti
21)	Mallur
22)	Sentharapatti

23)	Thedavor
24)	Thevur
25)	Veeraganur
26)	Ethapur
27)	Arasiramani
28)	Nangavalli
29)	Poolampatti
30)	Vanavasi
31)	Vellalapuram

### **CORPORATION**

1)	Salem
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### **District at a Glance: Salem - 2024**

1	Name of District	Salem		
2	No. of Revenue Divisions	4		
3	Number of Taluk	14		
4	Number of Firka	44		
5	Number of Revenue villages	640		
6	Number of Corporation	1		
7	Number of Municipalities	6		
8	Number of Panchayat Blocks	20		
9	Number of Town Panchayat	31		
10	Number of Village Panchayat	385		
11	Area in Sq. km.	5245 Sq.km		
12	Total Population (As Per 2011 Census)	<b>Total</b>	<b>Male</b>	<b>Female</b>
		3482056	1781571	1700485
13	Sex Ratio (Females per 1000 Males)	954		
14	Literacy Rate (As Per 2011 Census)	72.86%		

### **Agriculture:**

Agriculture continues to be the most predominant sector of Salem Economy as 30 percent of the population is engaged in Agriculture and allied activities for livelihood.

The District is having an cultivable area of 220138 hectares out of total extent of 520530 hectares of land. The District policy and objective is always to ensure stability and to increase the Agricultural production in a sustainable manner to meet the food requirements of growing population and also to meet the raw material needs of agro based industries thereby providing employment opportunities to rural population.

The District Administration always has taken up challenges to achieve higher growth rate in agriculture by implementing and propagating several development schemes and relevant technologies line.

- Intensive Integrated farming system
- Massive wasteland development programme
- Collective farming
- Water management through micro irrigation system
- Soil health improvement through Bio-Fertilizer, Green manuring
- Organic farming.
- Integrated Nutrient management and best management technologies.

The District priority is to improve the socio-economic status of farming community with sustainable development in agricultural activity.

**Education:**

Salem has several Educational institutions of Medical, Para-Medical, Engineering and Arts and Science Colleges affiliated to Periyar University founded in 1997.

**List of Medical Colleges in Salem District.**

<b>S.No.</b>	<b>Name of the College</b>
1.	Government Mohan Kumaramangalam Medical College, Salem
2.	Vinayaka Missions Medical College (Deemed University), Salem
3.	Annapoorna Medical College, Salem

### **List of Engineering Colleges in Salem District.**

<b>S.No.</b>	<b>Name of the College</b>
1.	Government College of Engineering, Salem
2.	Sona College of Technology (Autonomous), Salem
3.	AVS College of Engineering, Salem.
4.	AVS College of Technology, Ramalingapuram, Salem
5.	Salem Engineering, College of Technology, Vellalakundam Pirivu, Salem
6.	Knowledge College of Technology, Kakapalayam, Salem
7.	Dhirajlal Gandhi College of Technology, Poosaripatty, Salem
8.	Sri Annapoorna Engineering, College (Autonomous), Salem
9.	Maha Engineering, College, Minnampalli
10.	Vinayaka Missions Engineering, College (Deemed University), Salem
11.	Bharathiyar Engineering, College, Thalaivasal
12.	Kavery Engineering, College, Sathapadi, Mecheri

### **List of Arts and Science College in Salem District.**

<b>S.No.</b>	<b>Name of the College</b>
1.	Government Arts College (Autonomous), Salem-7
2.	Government Arts & Science College for Women, Salem-8
3.	Arignar Anna Arts College, Vadachennimalai, Attur.
4.	Government Arts & Science College for Women, Mettur Dam.
5.	Government Arts & Science College, Edappadi
6.	Sri Saradha College for Women (Autonomous), Salem
7.	Sri Saradha College of Education (Autonomous), Salem
8.	Sri Saradha College of Physical Education (Autonomous), Salem
9.	Salem Sowdeswari College, Salem
10.	A.E.T.College, Narasingapuram, Attur
11.	Annai Terasa Arts and Science College, Thammampatty
12.	AVS College of Arts and Science, Ramalingapuram, Salem

13.	Bharathiyar Arts and Science College for Women, Thalaivasal
14.	Gem Gates Arts and Science College, Attur
15.	Jairam Arts and Science College, Chinnathirupathi (Po)
16.	Kailash Women's College, Nangavalli, Mettur
17.	Maisurli Women's College of Arts and Science, Kanakagikri Village, Sankari
18.	Minerva College of Arts and Science, Kattampatti, Jalakantapuram. Mettur TK
19.	Om Muruga College of Arts & Science, Singiripatti, Kolathur, Mettur TK
20.	Paavendhar College of Arts and Science, Manivizhunthan, Attur
21.	Padmavathi Arts and Science College for Women, Opp: Periyar University, Omalur TK
22.	Royal College of Arts & Science, Masilapalayam, Mettur TK
23.	Salem Christian College of Arts and Science, Parathikadu, Salem -122
24.	Salem Kongunadu Arts and Science College, Mamangam, Salem
25.	Shervaroy's College of Arts and Science, Vazhavandhi, Yercaud
26.	Shri Shakthikailash Women's College, Ammapet, Salem
27.	Siri PSG Arts and Science College for Women, Sankari
28.	Sona College of Arts and Science, Salem
29.	Sri Balamurugan Arts and Science College, Sathapadi
30.	Sri Ganesh College of Arts and Science, Salem
31.	Sri Jayajothi College of Arts & Science for Women, Salem
32.	Sri Kailash Women's College, Attur
33.	Sri Sarada Niketan College of Arts and Science, Kanavaipudur, Salem
34.	Sri Vidhya Mandir College of Arts and Science, Neikkarapatti
35.	Sri Vidhya Kamatchi Arts and Science College for Women, Mecheri
36.	The Kavery Arts and Science College for Women, Mettur
37.	Vagai Arts and Science College for Women, Valappady.
38.	Vidhyaa Arts and Science College, Konganapuram, Edappadi TK
39.	Vivekanandha College of Arts and Science for Women, Salem
40.	Vysya College, Salem

41.	Jayarani Arts and Science College for Wolmen, Salem
42.	AVS Arts and Science College, Tharapuram, Omalur TK
43.	Thangavel Arts and Science College for Woemn, Vazhappadi
44.	St.Joseph's College of Arts and Science for Women, Omalur.
45.	Kongunadu College of Education, Mamangam, Salem

**List of Polytechnic Colleges in Salem District.**

<b>S.No.</b>	<b>Name of the College</b>
1.	Thiyagarajar Polytechnic, Salem
2.	The Salem Polytechnic, Panamarathupatty pirivu, Salem
3.	C.S.I. Polytechnic, Salem
4.	SRG Polytechnic, Salem
5.	Kottai Mariamman Polytechnic, Minnampalli, Salem
6.	Maruthi Polytechnic, Attur
7.	Pavendar Polytechnic, Attur
8.	Rajaji Polytechnic, Kakkapalayam, Salem

The above institutions are playing a significant role in imparting the knowledge by value added education to the students.

**Road Network:**

Salem has six arterial roads. Omalur main road, Cherry road, Saradha College Road, Junction main road, Gugai main road and Attur Road. Three National Highways originate and or passes through:

- ❖ NH 44 (Srinagar via Madurai and Tirunelveli Kanyakumari)
- ❖ NH 544 (Salem - Kochi via Erode and Coimbatore)
- ❖ NH 79 (Salem - Ulundurpet)

Salem is the head quarters of the Salem Division of TNSTC. The City has two major Bus Stands.

- 1) The MGR integrated Bus Terminus in Meyyanoor.
- 2) The Town Bus Station (Old Bus Stand) in town area.

## **Railway Division**

Salem Railway Division Functioning from 14.11.2006 onwards having Headquarters at Salem. It has carved out from Palakkad Division. It covers 15 Districts in Tamil Nadu and has a total route length of 795 km, Coimbatore, Tiruppur, Erode, Salem, Karur and Namakkal being the important Districts.

Salem Division has 31 railway stations. In Salem district, Salem Junction, Salem Town Railway stations are important stations for passenger traffic. Salem Shevapet Market station is very important station for goods & commodities movement.

## **Airport:**

Salem Airport is located at Kamalapuram 15 kilometre North West of Salem. The Salem Airport is the 6<sup>th</sup> Airport in Tamilnadu. Apart from Salem Airport there are five helipad available in Salem district as detailed below.

### **Details of Helipad Locations**

<b>Sl. No.</b>	<b>Taluk</b>	<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>
1	Salem	Govt. Arts College, Salem.	11.66453	78.160034
2	Salem West	Salem Steel Plant (SAIL)	11.668951	78.057049
3	Mettur	Chemplast Sanmar Ltd.,	11.77231	78.209182
4	Yercaud	Montfort Anglo Indian Hr. Secondary School.	11.833007	78.238417
5	Yercaud	Thriveni Estate Helipade Station, Vellakadai Firka Puliur Village, Yercaud Taluk	11.81719	77.843195

### **Major Industries in Salem District:**

- ✓ Salem Steel Plant (SAIL), Mohan Nagar.
- ✓ Thermal Power Station, Mettur

- ✓ SISCOL
- ✓ Chemplast SANMAR, Karumalaikoodal
- ✓ SRCL, Salem West
- ✓ TANMAG (Tamil Nadu Magnesite Ltd)
- ✓ Dalmia Magnesite
- ✓ SAGO SERVE
- ✓ Indian Oil Gas Bottling Plant. Karuppur.
- ✓ Power GRID Corporation of India
- ✓ HUDSON Dairy, Karumapuram.
- ✓ S.K.Dairy, Muthampatty.
- ✓ RAMCO Cement Factory, Singipuram
- ✓ Kumar Industrial Works
- ✓ Vee Technologies - A premier BPO Company.

## PROFILE OF TALUKS

### Salem Taluk Profile

1	Name of Taluk	Salem		
2	Name of Revenue Division	Salem Division		
3	Number of Firkas & Name	03		
		i)	Salem Town	
		ii)	Valasaiyur	
		iii)	Panamarathupatty	
4	Number of Revenue villages	59		
5	Number of Corporation	1		
6	Number of Municipalities	--		
7	Number of Panchayat Unions	3		
8	Number of Town Panchayat	3		
9	Number of Village Panchayat	30		
10	Area in Sq. km.	326 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Male</b>	<b>Female</b>
		1004124	506742	497382
12	Literacy Rate	65.2%		
13	Railway Station	1. Salem Town Station		
		2. Shevapet Market Station		
14	Important Lakes/Tank	48		
15	Important Landmarks	1. District Collectorate Complex		
		2. Collector's Bungalow, Hasthampatty.		
		3. Government Mohan Kumarmangalam Medical College Hospital, Salem		



		4. Government Arts College, Salem - 7.
		5. Salem Head Post Office
		6. Zoological Park, Kurumpampatty
		7. Combined Court Complex
		8. Central Jail.
		9. Industrial Training Institute
		10. Salem Old Bus Stand.

### Salem West Taluk Profile

1	Name of Taluk	Salem West		
2	Name of Revenue Division	Salem Division		
3	Number of Firkas & Name	03		
		i)	Suramangalam	
		ii)	Alagapuram	
		iii)	Thirumalaigiri	
4	Number of Revenue villages	43		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	--		
9	Number of Village Panchayat	17		
10	Area in Sq. km.	157.50 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		153341	79404	73937
12	Literacy Rate	78%		
13	Railway Station	Salem Junction Railway Station		
14	Important Lakes/Tank	1. Bodinaickenpatty Lake		
		2. Pudhur Agraharam Lake		
		3. Selathampatty Lake		
15	Important Landmarks	1. Salem Steel Plant		
		2. Govt. Mohan Kumaramanagalam Medical College		
		3. Aavin Dairy, Salem		

		4. E.S.I. Hospital
		5. Salem Railway Division & Junction
		6. SAGO SERVE
		7. TANMAG Office.
		8. Salem New Bus Stand
		9. Leigh Bazaar
		10. Shevapet Market

## Salem South Taluk Profile

1	Name of Taluk	Salem South		
2	Name of Revenue Division	Salem Division		
3	Number of Firkas & Name	3		
		i)	Kondalampatty	
		ii)	Veerapandy	
	iii)	Vembadithalam		
4	Number of Revenue villages	51		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	2		
9	Number of Village Panchayat	23		
10	Area in Sq. km.	120.0 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		115278	58567	56711
12	Literacy Rate	85%		
13	Railway Station	1. Veerapandy		
		2. Neikarapatty		
14	Important Lakes/Tank	Neikarapatty Eri		
		Veerapandy Eri		
		Kottanuthan Eri		
		S. Papparapatty Eri		
		Bairoji Eri		
15	Important Landmarks	1. Oothumalai 2. Uthamacholapuram Temple 3. K.P. Karadu 4. Vinayaka Mission Deemed University, Seeragapady 5. Kondalampatty Roundana and Seelanaickenpatty Roundana.		

## Valappady Taluk Profile

1	Name of Taluk	Valappady		
2	Name of Revenue Division	Salem		
3	Number of Firkas & Name	4		
		i)	Valappady	
		ii)	Belur	
		iii)	Arunoothumalai	
		iv)	Karipatti	
4	Number of Revenue Villages	64		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	3		
9	Number of Village Panchayat	38		
10	Area in Sq. km.	439.02 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		195412	98681	96731
12	Literacy Rate	65.57%		
13	Railway Station	1. Valappady 2. Ayothiyapattinam		
14	Important Lakes/Tank	17		
15	Important Landmarks	1. HUDSON Dairy, Karumapuram. 2. RAMCO Cement Factory, Singipuram 3. S.K.Dairy, Muthampatty.		

## Yercaud Taluk Profile

1	Name of Taluk	Yercaud		
2	Name of Revenue Division	Salem		
3	Number of Firkas & Name	3		
		i)	Yercaud Town	
		ii)	Vellakadai	
		iii)	Puthur	
4	Number of Revenue Villages	67		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Union	1		
8	Number of Town Panchayat	--		
9	Number of Village Panchayat	9		
10	Area in Sq. km.	385.14 sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		41869	21070	20799
12	Literacy Rate	56.38 %		
13	Railway Station	Nil		
14	Important Lakes/Tank	2 Big Lakes , Ornamental Lake		
15	Important Landmarks	1. Yercaud Boat House, 2. Shevaroy Temple, 3. Tamil Nadu Hotel, 4. Pagoda Point, 5. Montfort Anglo Indian School		

## Pethanaickenpalayam Taluk Profile

1	Name of Taluk	Pethanaickenpalayam		
2	Name of Revenue Division	Attur		
3	Number of Firkas & Name	3		
		i)	Pethanaickenpalayam	
		ii)	Yethapur	
		iii)	Kalrayanmalai	
4	Number of Revenue Villages	47		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Blocks	1		
8	Number of Town Panchayat	2		
9	Number of Village Panchayat	36		
10	Area in Sq. km.	558.19 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		135104	67829	67275
12	Literacy Rate	73.61%		
13	Railway Station	2	Pethanaickenpalayam	
			Yethapur	
14	Important Lakes/Tank	Panaiyeri Lake		
15	Important Landmarks	1. Tamilnadu Tapiaco and Castor Reasearch Center, Yethapur. 2. Muthumalai Murugan Temple, Puthira Goundam Palayam		

### **Attur Taluk Profile**

1	Name of Taluk	Attur		
2	Name of Revenue Division	Attur		
3	Number of Firkas & Name	2		
		i)	Attur Town	
		ii)	Malliyakarai	
4	Number of Revenue Villages	30		
5	Number of Corporation	--		
6	Number of Municipalities	2		
7	Number of Panchayat Union	1		
8	Number of Town Panchayat	1		
9	Number of Village Panchayat	27		
10	Area in Sq. km.	706.71 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		183838	92177	91661
12	Literacy Rate	72.54%		
13	Railway Station	Attur		
14	Important Lakes/Tank	Thulukanur, Thenagudipalayam,		
15	Important Landmarks	1. Attur Fort, Paithur Forest. 2. Muttal Falls		



## Thalaivasal Taluk Profile

1	Name of Taluk	Thalaivasal		
2	Name of Revenue Division	Attur Division		
3	Number of Firkas & Name	03		
		i)	Thalaivasal	
		ii)	Kattukottai	
		iii)	Veeraganur	
4	Number of Revenue villages	44		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Union	1		
8	Number of Town Panchayat	1		
9	Number of Village Panchayat	35		
10	Area in Sq. km.	359.82 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		146650	74329	72321
12	Literacy Rate	72 %		
13	Railway Station	Thalaivasal		
14	Important Lakes/Tank	34		
		1. Manivizhunthan Lake		
15	Important Landmarks	1. Arignar Anna Government Arts College, Kattukottai, Thalaivasal.		
		2. Advanced Insitute for Integrated Research on Livestock and Animal Science. Thalaivasal.		
		3. Vadachennimalai Temple, Kattukottai.		

## Gangavalli Taluk Profile

1	Name of Taluk	Gangavalli		
2	Name of Revenue Division	Attur		
3	Number of Firkas & Name	02		
		i)	Gangavalli	
		ii)	Pachamalai	
4	Number of Revenue Villages	23		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Union	1		
8	Number of Town Panchayat	4		
9	Number of Village Panchayat	14		
10	Area in Sq. km.	267.28 Sq.Km.		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		126659	63424	63235
12	Literacy Rate	60 %		
13	Railway Station	--		
14	Important Lakes/Tank	1. Valasakkalpatty lake 2. Sentharappatty lake 3. Naduvaloor lake		
15	Important Landmarks	1.Govt.Teacher Training Institute 2.Golden Polytechnic		

## Omalur Taluk Profile

1	Name of Taluk	Omalur		
2	Name of Revenue Division	Mettur		
3	Number of Firkas & Name	3		
		i)	Omalur	
		ii)	Karuppur	
		iii)	Tharamangalam	
4	Number of Revenue Villages	62		
5	Number of Corporation	--		
6	Number of Municipalities	1		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	2		
9	Number of Village Panchayat	33		
10	Area in Sq. km.	272.9 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		356523	186904	169619
12	Literacy Rate	65.40%		
13	Railway Station	Omalur		
14	Important Lakes/Tank	1. Sarabanga River 2. Periya Eri 3. Chinna Eri, Kamalapuram.		
15	Important Landmarks	1. Airport - Kamalapuram 2. Govt. Engg. College, Karuppur. 3. Periyar University		

### Mettur Taluk Profile

1	Name of Taluk	Mettur		
2	Name of Revenue Division	Mettur		
3	Number of Firkas & Name	6		
		i)	Mettur	
		ii)	Kolathur	
		iii)	Palamalai	
		iv)	Pottaneri	
		v)	Mecheri	
	vi)	Nangavalli		
4	Number of Revenue Villages	48		
5	Number of Corporation	--		
6	Number of Municipalities	1		
7	Number of Panchayat Unions	3		
8	Number of Town Panchayat	7		
9	Number of Village Panchayat	40		
10	Area in Sq. km.	636.50 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		419887	218447	201440
12	Literacy Rate	63.9%		
13	Railway Station	1. Mettur, R.S. 2. Mecheri Road		
14	Important Lakes/Tank	1. Rayappan Eri- M. Kalipatti 2. Kothan Eri 3. Semalai Sivilikaradu Eri 4. Thumbal Kattu Pallam 5. Mettur Dam(Stanly water Reservoir)		
15	Important Landmarks	1. Mettur Dam 2. Mettur Thermal Plant 3. Malco Energy Ltd 4. JSW Steel Plant - M. Kalipatty 5. Pathrakaliyamman Koil, Mecheri 6. Pannavadi Parisal Thurai 7. Chemplast Sanmar Ltd., 8. Mecheri Sheep Research Station, Potteneri.		

## Kadayampatty Taluk Profile

1	Name of Taluk	Kadayampatty		
2	Name of Revenue Division	Mettur		
3	Number of Firkas & Name	2		
		i)	Kadayampatty	
		ii)	Semmandapatty	
4	Number of Revenue Villages	28		
5	Number of Corporation	--		
6	Number of Municipalities	--		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	1		
9	Number of Village Panchayat	17		
10	Area in Sq. km.	262.5 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		137832	72018	65814
12	Literacy Rate	59.45%		
13	Railway Station	Lokur, Danishpet, Thinnapatty, Karuvalli		
14	Important Lakes/Tank	Vadaman Eri- Darapuram Kootakallamadayan Eri Kadayampatty South Kottari Periyachakilichi Eri		
15	Important Landmarks	Jayam Dall Mill, Deevatipatty.		

## Sankari Taluk Profile

1	Name of Taluk	Sankari		
2	Name of Revenue Division	Sankari		
3	Number of Firkas & Name	4		
		i)	Sankari East	
		ii)	Sankari West	
		iii)	Thevoor	
		iv)	Ernapuram	
4	Number of Revenue Villages	52		
5	Number of Corporation	--		
6	Number of Municipalities	1		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	3		
9	Number of Village Panchayat	38		
10	Area in Sq. km.	636.50 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		241783	125250	116533
12	Literacy Rate	67.75%		
13	Railway Station	1. Sankari Durg 2. Mavelipalayam 3. Magudanchavadi		
14	Important Lakes/Tank	23		
15	Important Landmarks	1. India Cement Factory, Sankari. 2. Kalvadangam Cauvery River Bank 3. Sankari Fort		

## Edappady Taluk Profile

1	Name of Taluk	Edappady		
2	Name of Revenue Division	Sankari		
3	Number of Firkas & Name	3		
		i)	Edappady	
		ii)	Poolampatty	
		iii)	Konganapuram	
4	Number of Revenue Villages	25		
5	Number of Corporation	--		
6	Number of Municipalities	1		
7	Number of Panchayat Unions	2		
8	Number of Town Panchayat	2		
9	Number of Village Panchayat	19		
10	Area in Sq. km.	334.87 Sq.km		
11	Total Population As per Census 2011	<b>Total</b>	<b>Males</b>	<b>Females</b>
		223756	116729	107027
12	Literacy Rate	63.04%		
13	Railway Station	--		
14	Important Lakes/Tank	1. Aavaniperur Eri 2. Vembaneri Eri 3. Edappady Periya Eri 4. Vellapuram Eri		
15	Important Landmarks	1. Prasanna Nanjundeswarar Temple 2. Poolampatty Cauvery River 3. SIDCO Industrial Estate, Koranampatty. 4. Government Arts College, Konameri, Thangayur.		





**CHAPTER - II**  
**HAZARD, VULNERABILITY AND RISK ASSESSEMENT**



## **Hazard, Vulnerability and Risk Assessment:-**

### **Risk Identification & Assessment:**

A systems based approach gives due emphasis on risk identification and assessment of the system as a whole, which is a pre-requisite for any significant intervention for prevention, mitigation, preparedness and response etc. The District is Vulnerable to both natural and man-made hazards of different types with varying intensity.

### **Flood Vulnerability:**

Salem District is subjected to seasonal flooding, including urban floods, floods due to cloudbursts, monsoon floods of single and multiple events, cyclonic floods and excessive water release due to over flow in mettur dam. There are few number of people affected, some succumbing to the floods, hut damages and few hectares of crops are damaged.

### **Heat Wave Vulnerability:**

A Heat Wave is a period of abnormally high temperatures, more than the normal maximum temperature that occurs during the (Hot Weather) summer season. Heat Waves typically occur between March and June. The extreme temperatures and resultant atmospheric conditions adversely affect people living in these regions as they cause physiological stress, sometimes resulting in death. Salem has recorded temperature above 40 degrees in past.

### **Seismicity Vulnerability:**

Salem District is situated in the moderate seismic risk zone of zone III category and has witnessed few earth quakes in the past. The last one was on 22.7.2018 which recorded a magnitude of 3.3 Richter scale. Salem District has one seismological observatory in Collectorate premises with latest recording facilities.

### **Landslide Vulnerability:**

Landslide is one of the major natural hazards that is commonly experienced in hilly terrains. Salem District comprises the Shevoraoy Hills which experiences few small scale landslide incidents during rainy season in Yercaud Hills.

### **Forest Fire:**

Forest Fire is a recurring phenomena in the State leading to disastrous proportions during the decade 2006-2015, Salem district has 27.41 % of forest Covering 1435 sq km. Few forest fire cases were reported during summer seasons which were put off by immediate actions.

### **Chemical, Biological, Radiological and Nuclear (CBRN):**

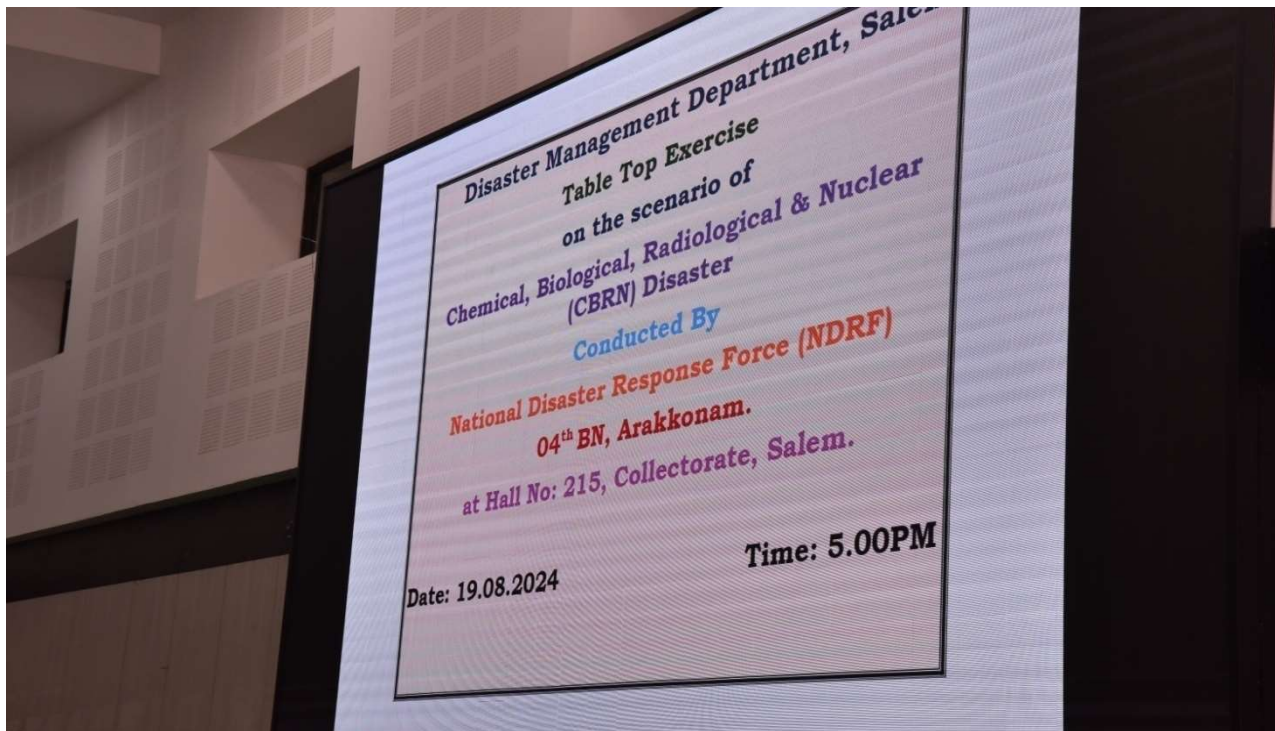
Salem District has few chemical industries like chemplast in Mettur Taluk which stores chemical for their operations. These industries conduct regular mock drills involving community and ensure safety norms.

On 19.08.2024 NDRF 30 Members team has visited Salem District and conducted a table top exercise in connection with scenario of **Chemical, Biological, Radiological and Nuclear (CBRN)** at Collectorate, Salem with all the stakeholders. On 20.08.2024 they have conducted a real time Mock Drill at Mettur Chemplast Sanmar Ltd., Mettur by involving all the stakeholders. The photographs of the Table Top Exercise and Mock Drill are attached herewith.

# NDRF Team Discussion with District Collector – 19.08.2024







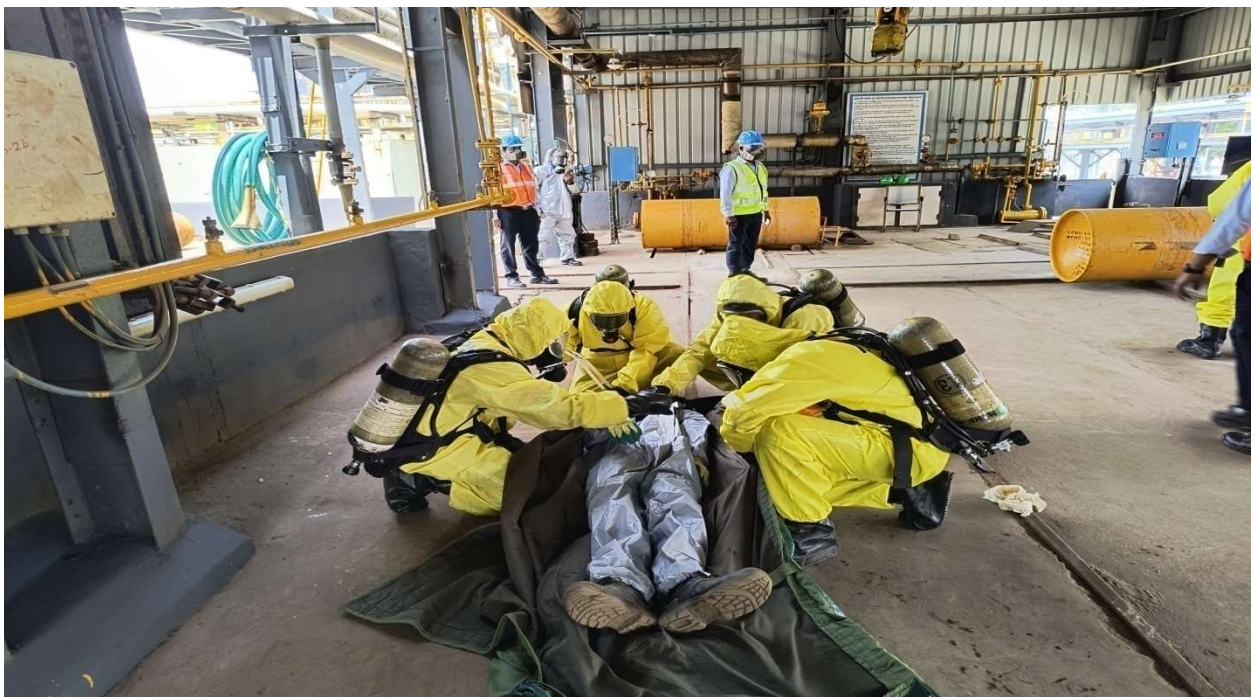


**NDRF Team Mock Drill at Mettur Chemplast – 20.08.2024**

**Scenario of Chemical, Biological, Radiological and Nuclear (CBRN) Disaster**



















## **Hazard Vulnerability Risk Analysis: Flood**

The Government of Tamil Nadu has initiated number of studies to assess the Hazard and Vulnerability Risk Analysis of (HVRA) various disasters. The categorization for flood is as follows.

Areas of Very High Vulnerability:	a. Where inundation of water was more than 5 feet, or b. Where rescue operations were carried out with the help of Central forces/State Disaster Response Force (SDRF), or c. Which were cut-off and became inaccessible, or d. Where loss of lives was reported or large-scale evacuation was carried out.
Areas of High Vulnerability	Where inundation of water was from 3 to 5 feet.
Areas of Medium Vulnerability	Where inundation of Water was from 2 to 3 feet.
Areas of Low Vulnerability	Where inundation of water was below 2 feet.

Based on past experience and available legacy data and inundation of water levels during recent past, 23 Vulnerable areas were identified in Salem district and Nodal Officers were appointed to undertake preparedness, mitigation, response and relief work.

### **LIST OF VULNERABLE AREAS IN SALEM DISTRICT - 2024**

<b>Sl. No.</b>	<b>Category</b>	<b>No. of Vulnerable Areas</b>	<b>Local Bodies</b>	<b>No. of Vulnerable Areas</b>
1	Very High Vulnerable Area (5 feet water level)	Nil	Salem Corporation	13
2	High Vulnerable Area (3-5 feet water level)	7	Municipality	4
3	Moderate Vulnerable Area (2-3 feet water level)	6	Town Panchayat	3
4	Less Vulnerable Area (below 2 feet water level)	10	Panchayat	3
<b>Total</b>		<b>23</b>	<b>Total</b>	<b>23</b>

**CHAPTER – III**  
**INSTITUTIONAL FRAME WORK**



### Nodal Departments at State Level

Sl. No	Type of Hazard	Primary Agency/Department	Supporting Agencies/Department
<b>Water and Climate Related Disasters</b>			
1	Floods	Department of Fire and Rescue	IMD, CWC, ES & T
2	Cloud Burst	Department of Fire and Rescue Department of Revenue	IMD and Revenue
3	Droughts	Department of Agriculture	IMD, CWC, Revenue
4	Thunder and Lightning	Department of Revenue	Revenue
<b>Geologically Related Disasters</b>			
5	Landslides and Mudflows	Geological Wing of Department of Industries, PWD, PD & UD	GSI, Ministry of Earth Sciences
6	Earthquakes	Department of Environment	IMD, Ministry of Earth Sciences/ GSI
7	Dam Failures/ Dam Bursts	PWD(WRO)	Fire and Rescue
<b>Chemical, Industrial And Nuclear</b>			
8	Chemical and Industrial Disasters	Departments of Industries/Department of Labour	EB, Departments of Labour & Employment, Home, NDRF
9	Nuclear Disasters	Department of Home	Central Ministry of Atomic Energy
<b>Accident Related Disasters</b>			
10	Forest Fires	Forest Department	Fire Department
11	Urban Fires	Department of Home (Fire)	Fire Department
12	Major Building Collapse	Department of UD	PWD, Health, Home and Admn
13	Serial Bomb Blasts	Department of Home	Admn, Health and Family Welfare

14	Festival related disasters	Department of Home	Admn, Health and Family Welfare/Department of Art language and culture
15	Electrical Disasters and Fires	HPSEB/ MPP and Power	Home, Health and Revenue
16	Air, Road and Rail Accidents	Department of Transport, Indian Railway and Civil Aviation/GAD	Home, Health and Family welfare
17	Boat Capsizing	Home	Home, Health and Family Welfare and Admn.
18	Village Fire	Department of Home	Home, Revenue, Health and Family Welfare
<b>Biologically Related Disasters</b>			
19	Biological Disasters and Epidemics	Department of Health	Home, Revenue and NDRF
20	Attacks	Department of Agriculture and Horticulture	Home, Revenue. and NDRF
21	Cattle Epidemics	Department of Animal Husbandry	Home, Revenue. and NDRF
22	Food Poisoning	Department of Health	Home, Revenue. and NDRF

### **Nodal Agencies for Early Warning**

Following are the Nodal agencies in the Government of India and in the state mandated for early warning of different natural hazards:

<b>S.No</b>	<b>Disasters</b>	<b>Agencies</b>	<b>Agencies at State level</b>
1	<b>Cyclone</b>	Indian Meteorological Department	Agriculture Department
2	<b>Tsunami</b>	Indian National Centre for Oceanic Information services	N/A



3	<b>Floods</b>	Central Water Commission	Home
4	<b>Landslides</b>	Geological Survey of India	Geology wing of industry Department.
5	<b>Avalanches</b>	Snow and Avalanches Study Establishment [SASE(DRDO)]	Department of Environment Science & Technology
6	<b>Heat &amp; Cold Waves</b>	Indian Meteorological Department	Department of Revenue

### **National Disaster Management Authority (NDMA):**

The Government of India established the NDMA in 2005, headed by the Hon'ble Prime Minister. Under the DM Act 2005, the NDMA, an apex body for disaster management, is having the responsibility for laying down the policies, plans and guidelines for disaster management for ensuring timely and effective response to disaster. NDMA is assisted by NEC in discharge of Executive functions.

### **State Level:**

The DM Act, 2005 also envisages specific roles to be played by the local bodies in disaster management. The Institutional Mechanism at the State and District level is furnished below: -

### **Tamil Nadu State Disaster Management Authority (TNSDMA)**

The Tamil Nadu Government constituted the State Disaster Management Authority under the Chairmanship of Hon'ble Chief Minister for monitoring the Disaster Management Activities in the State. The members of SDMA are:

Hon'ble Minister for Revenue and Disaster Management, Chief Secretary to Government, Secretary, Revenue and Disaster Management Department, Secretary, Finance Department, Secretary, Home Department, Commissioner of Revenue Administration/ State

Relief Commissioner, Director, Centre for Disaster Management & Mitigation, Anna University, Chennai and Head of Department of Civil Engineering, Indian Institute of Technology, Madras. The State Government has included the Secretary Higher Education and Secretary School Education as members of the SDMA recently.

The State Disaster Management Authority (SDMA) is responsible for coordinating the response to disasters and to reduce risks. All measures for mitigation, preparedness, response and recovery are undertaken under the guidance and supervision of the Authority. The SDMA approves the State Disaster Management Plan and District Disaster Management Plans in accordance with the guidelines laid down by the National Disaster Management Authority. The TNSDMA has been renamed as Tamil Nadu Disaster Risk Reduction Agency (TNDRRA) and here after will be referred as TNDRRA.

**District Emergency Operation Centre (DEOC):**

The District Emergency Operation Centre (DEOC) functions under the direct supervision of the District Collector. The DEOC acts as a communication centre at the district level for dissemination of information received from State Emergency Operation Centre to Taluk and Village level.

DEOC is equipped with communication facilities with VHF facility, telephones, mobile phones and computers with internet facility. The DEOC provides a means of centralizing and managing communications and information between the DEOC and the public. The DEOC issues necessary alert during the disaster and pull together people and resources to handle emergencies. The DEOC functions round the clock **(24x7)** with persons on duty including Revenue and Police personals. The DEOC it's accessed by the public by calling Toll Free number **1077**. (Disaster Related)

The DEOC provides ready access to all available information and simplifies information verification, evaluation and display, and communicate the regular status of the disaster and send report to the SEOC. It is the key to managing the district's disaster effects through the centralized, coordinated efforts of government officials, response agencies and community volunteers by establishing priorities.

**Rain Gauges:**

Formation and maintenance of Rain gauges are most essential. The rain drops collected in the gauges indicates the quantum of rainfall received in a particular area. By collecting rainfall data from various parts of the District, the danger of flood can be assessed and proper action will be taken to overcome the critical situation.

**List of Rain Gauges & Weather Stations  
in Salem District**

<b>S.No</b>	<b>Name of the Taluk</b>	<b>Old Rain Gauges</b>	<b>New Automatic Rain Gauges installed during 2024</b>	<b>New Automatic Weather Stations installed during 2024 – 9 Nos. From Agri – 11 Nos</b>
1	Salem	1	4	2
2	Salem West	-	2	-
3	Salem South	-	2	1
4	Valapady	2	5	2
5	Yercaud	1	3	1
6	Attur	1	3	1
7	Gangavalli	2	5	1
8	Sankari	1	4	2
9	Edappady	1	4	2
10	Mettur	1	8	3
11	Omalur	1	3	2
12	P.N.Palayam	2	5	1
13	Kadayampatty	1	5	1
14	Thalaivasal	2	3	1
<b>Total</b>		<b>16</b>	<b>56</b>	<b>20</b>

# Automatic Rain Gauges installed in Salem District

1. Salem - Udaiyapatti ARG – 656



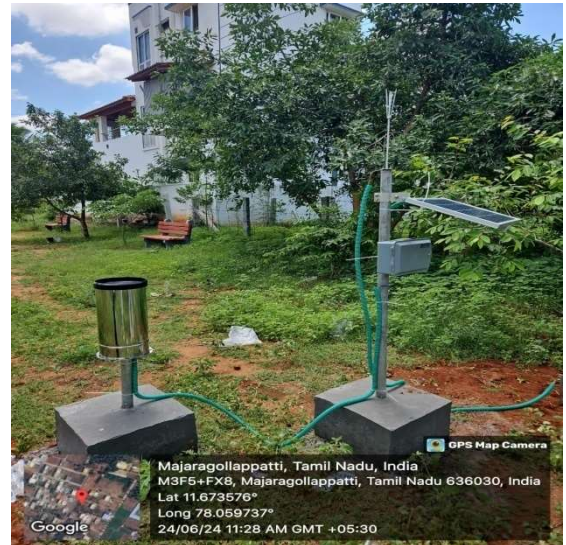
2. Salem – Valasaiyur ARG – 658



3. Salem – Kammalappatti - ARG 710



4. Salem West - Maaramangalathupatti - ARG 688





**5. Salem West – Alagapuram - ARG 659**



**6. Salem South-Veerapandi-ARG 661**



**7. Salem South – Vembadithalam Revenue Inspector Office - ARG 660**



**8. Kadaiyampatti – Poosaripatti -ARG 685**

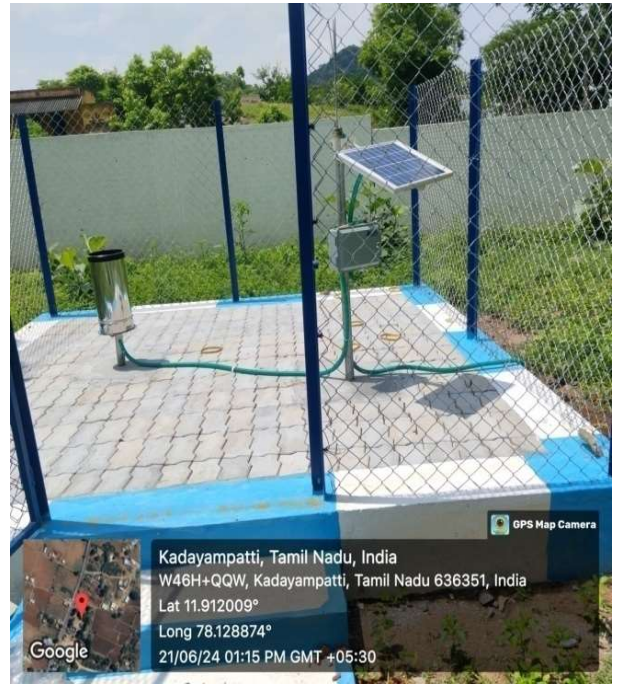




**9. Kadaiyampatti – Kanavaipudur  
ARG 697**



**10. Kadaiyampatti – North - ARG 690**



**11. Kadaiyampatti -Veppillai - ARG 689**



**12. Kadaiyampatti- Gundukkal-ARG 684**





**13. Edappadi – Vellalapuram - ARG 704**



**14. Edappadi – Chinnamalai - ARG 673**



**15. Edappadi - Chittur Bit - ARG 675**



**16. Edappadi - Konganapuram - ARG**



**674**



**17. Valappady - Sandhumalai - ARG 699**



**18. Valappady - Singipuram-ARG 662**



**19.Valappady- Karipatti - ARG 663**



**20. Valappady - Belur - ARG 664**





**21. Valappady - Kankatti Ala - ARG 698**



**22. Sankari - Koneripatti - ARG 695**



**23. Sankari - Katheri - ARG 671**



**24. Sankari - Vadukkapadi - ARG 672**





**25. Sankari-Koneripatti Agraharam  
ARG - 696**



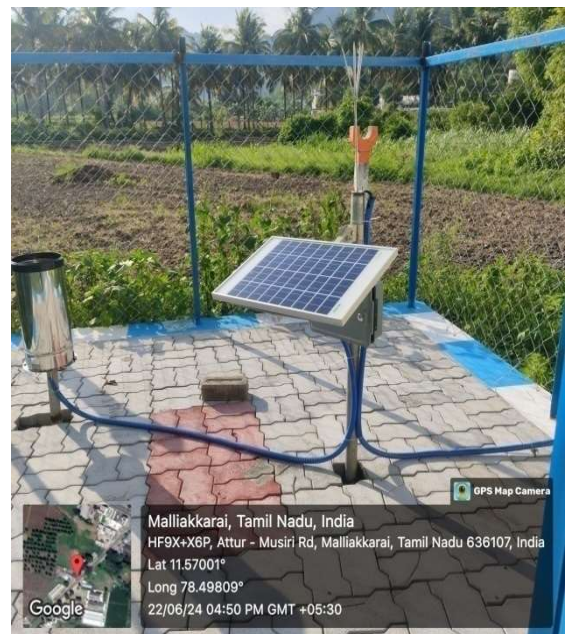
**26. Attur - Appammasamuthiram  
ARG 692**



**27. Attur - Thandavaraiyapuram  
ARG 686**



**28. Attur - Malliyakarai - ARG 666**





**29. Thalaimasal - Siruvachur North  
ARG 708**



**30. Thalaimasal - Veeraganoor  
Revenue Inspector Quaters - ARG 687**



**31. Thalaimasal - Deviyakurichi  
ARG 700**



**32. Gangavalli - Pachamalai - ARG 670**

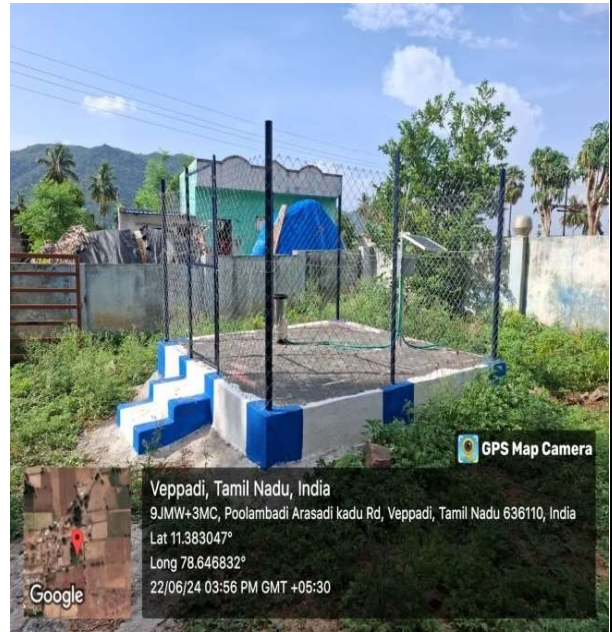




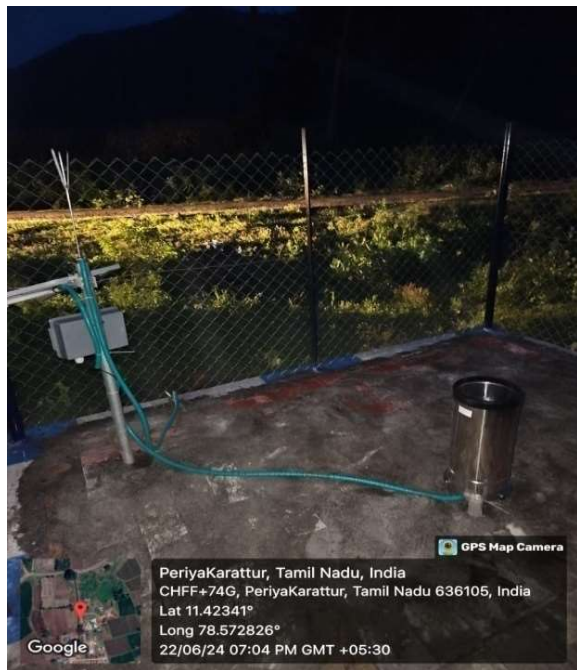
**33. Gangavalli - Naduvalur North  
ARG 705**



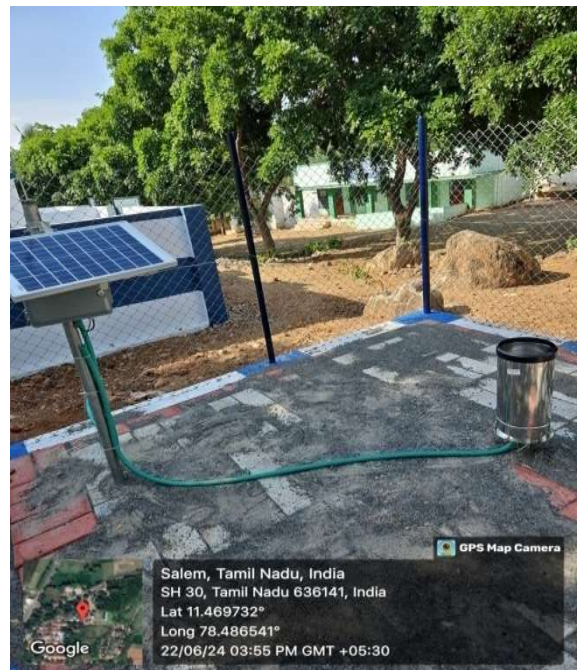
**34. Gangavalli - Veppadi - ARG 694**



**35. Gangavalli - Belur - ARG 669**



**36. Gangavalli - Nagiyampatti  
ARG 693**





**37. PNP - Kovilputhur - ARG 703**



**38. PNP - Errammasamuthiram ARG 701**



**39. PNP - Edaiyappadi - ARG 668**



**40. PNP - Karumandurai - ARG 702**





41.PNP - Kalrayan Hills ADD - ARG 19



42. Salem - Panamarathupatti - ARG 657



43.Mettur - Kannamoochi - ARG 680



44. Mettur - Vanavasi - ARG 707





**45.Mettur - Lakkiampatti - ARG 709**



**46.Mettur - Kaveripuram - ARG 679**



**47.Mettur-Aalamarathupatti- ARG 706**



**48.Mettur - Nangavalli - ARG 676**





**49.Mettur – Mettur Town - ARG 678**



**50.Mettur - Pottaneri - ARG 677**



**51.Omalur - Konakapadi - ARG 683**

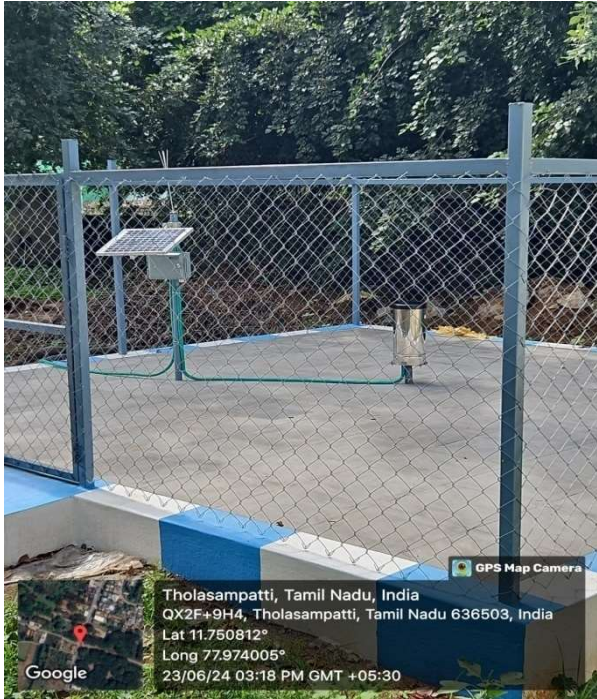


**52.Omalur – Karupur - ARG 681**





**53.Omalur – Tholasampatti - ARG 682**



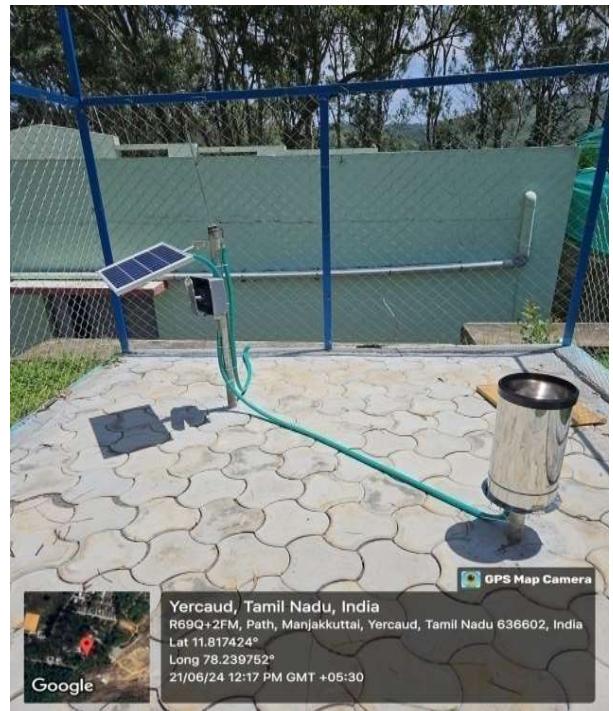
**54. Yercaud – Gundur - ARG 691**



**55.Yercaud - Komputhookki - ARG 667**



**56.Yercaud - Vellakadai - ARG 665**



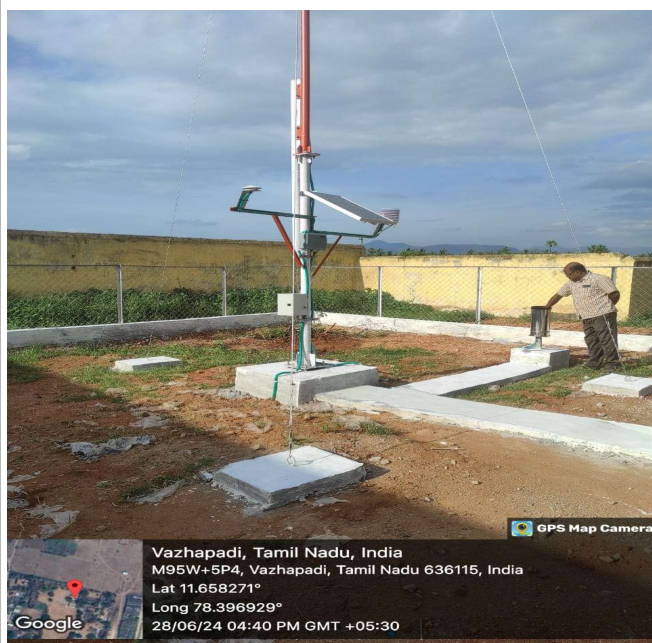


# Automatic Weather Stations - Installed in Salem District

**1. Salem South Taluk - Veerapandi AWS 59**



**2. Valapadi Taluk - Sarkar Valapadi AWS 68**



**3. Mettur Taluk - Mecheri BDO Office Backside AWS 64**



**4. Omalur Taluk - Taluk Office AWS 65**



Omalur, Tamil Nadu, India  
Lat 11.739981° Long 78.042221°  
30/06/24 12:41 PM

**5. Omalur Taluk-Thesavilaku South AWS 67**



Desavilakku, Tamil Nadu, India  
Lat 11.65433° Long 77.971883°  
01/07/24 06:33 PM

**6. Sankari Taluk-A.Pudur - AWS 63**



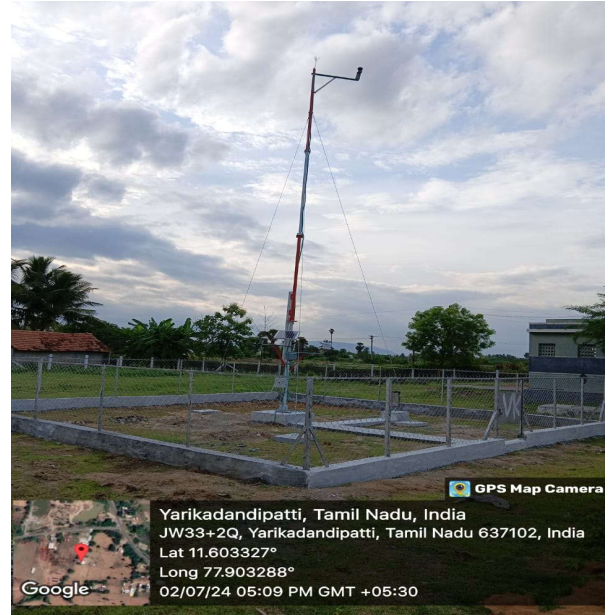
Salem, Tamil Nadu, India  
Lat 11.571701° Long 77.966284°  
28/06/24 03:44 PM



**7. Sankari-Devannagoundanoor-  
AWS 62**



**8. Edappadi – Thangayur - AWS 61**



**9. Edappadi – Poolampatti - AWS 60**



## **National Disaster Response Force (NDRF)**

In Tamil Nadu, the NDRF is located at Arakonam, Vellore District. Total 1149 persons / 4<sup>th</sup> Battalion In the event of any disaster situation, the assistance of the NDRF may be requested. The NDRF has proved its importance by highly skilled rescue and relief operations, regular and intensive training and re-training, carrying out mock drills and joint exercises with the various stakeholders, and familiarization exercises within the area of responsibility of respective NDRF Battalions. On the prediction of disaster such as cyclone, floods, NDRF may be prepositioned in vulnerable areas to mitigate the effect of disaster.

NDRF carries out rescue and relief operations during natural disasters. Till date, NDRF has carried out 73 operations in the country and saved approximately 1.3 Lakh human lives. In addition to nuclear, biological and chemical disaster.

## **State Disaster Response Force (SDRF)**

Realising the importance of having its own unit to help tackle exigencies arising out of disasters, the state has set up a Tamil Nadu Disaster Response Force with headquarters at the office of the special police XII battalion in Avadi. The battalion, whose members have so far been called to handle various emergencies across the state, has been redesignated the new unit.

The 1000-member unit, which will be modeled on the National Disaster Response Force(NDRF), will be initially Provided training by personnel of the central agencies and provided equipment similar to that used by them. “This will go a long way in improving the disaster preparedness of the state. The unit has preparedness of the state. The unit has been located near Chennai to enable to respond to a disaster in the minimum time possible.”

The unit will be headed by ADGP (operations) and IG (operations and TN disaster response force) and will be allocated?15 crore from the state disaster response fund for procuring.

## **Regional Meteorological Department (RMD)**

The DDMA is keeping a close contact with RMD to monitor about meteorological / weather, information / bulletins, warning announcements and continuously communicates with Disaster Management Team for preparedness.

**Indian National Centre for Ocean Information Services (INCOIS),  
Hyderabad**

Earth System Science Organization (ESSO). ESSO- INCOIS is mandated to provide the best possible ocean information and advisory services to society, industry, government agencies and the scientific community through sustained ocean observations and constant improvements through systematic and focused research. By observing early warning, Ocean state forecast, storm surge warning the community can be alerted in any possible of disaster.

**Supply of Petrol and Diesel:-**

Quite a large number of vehicles will be pressed into service in the event of cyclone and flood. The Sub-Collectors/ Revenue Divisional Officers and the District Supply Officer will ensure that at least 25% of the capacity of tankers is kept as reserve throughout the period of emergency. The District Supply Officer will chalk out a programme and furnish it as a supplement to this plan.

**District Level Inter Departmental Committee:**

District Level Inter Departmental Committee have been constituted under the Chairmanship of Deputy Collector at identified Vulnerable Points and they have been instructed to be at respective Vulnerable areas with all Line Department Officers to respond quickly during the Disasters and they have to make arrangements for Rescue, Relief and Rehabilitation to the affected people and ensure no damages be caused to the lives of the people and cattle and often move to the relief camps to ensure that all the people are given the food and other relief. The team has to assess damage of huts, crops and other categories.



**Team consisted with the members from the following Departments:**

- Local Bodies/ Revenue Department
- Waterways Management, Public Health
- Rural Development, Traffic Management
- Police, Fire/Rescue, Highways
- Agricultural Engineering, Agriculture
- Horticulture, Animal Husbandry
- Transport, Forest, TANGEDCO

**Proceedings of The District Collector, Salem**

**Present: Thiru. S. Karmegam, I.A.S.,**

**Roc. No.754404/2023/DM**

**Dated: 18.06.2023**

**Sub: Disaster Management** – Salem District- South West Monsoon - 2023 – Formation of District Level Inter Department Zonal Teams to undertake activities of Preparedness, Rescue, Relief and immediate Restoration in vulnerable areas- orders issued - reg.

**Ref:** Monsoon – 2023 preparedness and Inter Department Meeting Date: 03.06.2023

\*\*\*\*\*

**ORDER:-**

In order to undertake the activities of Preparedness, Response, Recovery and Mitigation in the vulnerable areas with respect to South West Monsoon-2023 following District level Inter Departmental Zonal Teams are formed. (List enclosed)

The team should inspect the vulnerable areas immediately and analyze the vulnerability and control measures to be taken to reduce the vulnerability in addition to follow up activity.

- i) Visit Relief Centres.
- ii) Source of Vulnerability.
- iii) Mitigation Measures
- iv) Had interaction with first responders
- v) Check the inventory
- vi) Check measures in place for the differently abled and other vulnerable sections.

They should act swiftly in case of any disaster and to undertake relief and rescue operations and report to Collectorate in time.

**Inter - Departmental Zonal Team -I**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
1.	<b>Chinneri - Vayalkkadu</b>  <b>Relief Centre:</b>  1.St. Mary Higher Secondary School, Arisipalayam  2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Revenue Divisional Officer, Salem.	Revenue	Coordinator
		Assistant Commissioner of Police, Suramangalam, Salem	Police	Member
		Assistant Commissioner, Suramangalam Zone.	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director (Agri) Salem.	Agriculture	Member
		Medical Officer, Palapatty	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation) Salem.	PWD	Member
		Assistant Engineer (Buildings) Salem.	PWD	Member
		Assistant Engineer, Maniyanur.	TANGEDCO	Member
		1. Forest Range Officer, South 2. M. Selva Sekar, Forest Guard, (Snake Catcher) Forest Office – Shervarayan South Range, Salem	Forest.	Member
		Station Officer, Suramangalam, Salem.	Fire& Rescue	Member
		Divisional Manager, TNSTC, Salem.	Transport	Member
		1. P.Vasu JRC - 9486685575 2.N.S.Hemamalini JRC – 9786200595	Indian Red Cross Volunteers	Member
Tr. Saravanan - 9244504695	Swimmer	Member		
Tr. Laraprakash - 9597148654	Snake Catcher	Member		

**Inter - Departmental Zonal Team -II**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
2.	<b>Konerikarai</b>  <b>Relief Centre:</b> 1. Equitas Gurukkal Matric School, Kandampatti  2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Revenue Divisional Officer, Salem.	Revenue	Coordinator
		Assistant Commissioner of Police, Suramangalam, Salem	Police	Member
		Assistant Commissioner, Suramangalam Zone.	Corporation	Member
		District Educational Officer, Salem Rural	Education	Member
		Assistant Director (Agri), Salem.	Agriculture	Member
		Medical Officer, Pallapatty	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation), Salem.	PWD	Member
		Assistant Engineer (Buildings), Salem.	PWD	Member
		Assistant Engineer, Sivathapuram.	TANGEDCO	Member
		1. Forest Officer, South Range 2. M.Selva Sekar, Forest Guard, (Snake Catcher) Forest Office – Shervarayan South Range.Salem	Forest	Member
		Station Officer, Suramangalam, Salem.	Fire & Rescue	Member
		Divisional Manager, TNSTC, Salem.	Transport	Member
		1.Tristhu Raja Anna Daniel, JRC Councillor (9944858713) 2. S.Ramesh, JRC Councillor (9629101171)	Indian Red Cross Volunteers	Member
		Tr.Suresh -9790454486 Tr. Raveendran -9994051563	Swimmer	Member
Tr. Saravanan - 9244504695 Tr. Laraprakash – 9597148654	Snake Catcher	Member		

**Inter - Departmental Zonal Team -III**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
3.	<b>Sivathapuram</b>  <b>Relief Centre:</b> 1. Corporation Middle School, Sivathapuram  2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Assistant Commissioner, SCMC Suramangalam Zone.	Corporation	Member
		Assistant Commissioner of Police, Suramangalam, Salem	Police	Member
		District Educational Officer, Salem Rural.	Education	Member
		Assistant Director, Salem.	Agriculture	Member
		Medical Officer, Palapatty	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation), Salem.	PWD	Member
		Assistant Engineer (Buildings), Salem.	PWD	Member
		Assistant Engineer, Sivathapuram.	TANGEDCO	Member
		1. Forest Office, South Range 2. M.Selva Sekar, Forest Guard, (Snake Catcher) Forest Office – Shervarayan South Range.Salem	Forest	Member
		Station Officer, Suramangalam, Salem.	Fire & Rescue	Member
		Divisional Manager, TNSTC, Salem.	Transport	Member
		1.V.Suresh Kumar, JRC Councillor (9842909047) 2. T.Prabakaran, JRC Councillor (8925731616)	Indian Red Cross Volunteers	Member
		Tr.Suresh - 9790454486 Tr. Raveendran – 9994051563	Swimmer	Member
Tr. Saravanan - 9244504695 Tr. Laraprakash – 9597148654	Snake Catcher	Member		

**Inter - Departmental Zonal Team – IV**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
<b>4.</b>	<b>1) Panankadu</b> <b>2) Kattur Parisalthurai</b> <b>3) Kottamedu (Kaveri Basin Poolampatty River)</b>  <b>Relief Centre:</b> 1) Govt. Hr.Sec. School, Poolampatty 2) Panchayat Union Elementary School, Poolampatty 3) Government High School, Nedungulam 4) Panchayat Union Elementary School, Nedungulam	Revenue Divisional Officer, Sankari.	Revenue	Coordinator
		Deputy Superintendent of Police, Sankari.	Police	Member
		District Educational Officer, Edappady	Education	Member
		Assistant Director, Agriculture Edappady	Agriculture	Member
		Block Medical Officer, Konganapuram	Health	Member
		Block Development Officer, Edappady.	Development	Member
		E.O. Town Panchayat, Poolampatty.	Town Panchayat	Member
		Assistant Engineer Highways, Edappady.	Highways	Member
		1. Asst. Engr. WRO Sarabanga, Edappady.	PWD	Member
		2. Asst. Engr. PWD Buildings, Edappady.	PWD	Member
		Assistant Engineer, Mettur.	TANGEDCO	Member
		1. Forest Range Office, Mettur 2. S.P. Soundappan, Forest Guard, (Snake Catcher)	Forest	Member
		Station Officer, Edappady	Fire & Rescue	Member
		Branch Manager, TNSTC, Edappady.	Transport	Member
		1. Munusamy, Nedungulam (9942748439) 2. Karunakaran, Nedungulam (8526102165) 3. Udhayakumar, Poolampatty (9994007374) 4. Nataraj, Poolampatty (9087787374)	Volunteers	Member
		Balaji, Poolampatty - 8124944904 Dharmaraj, Poolampatty - 6369499191	Swimmers	Member
		Naseer Bhadsha, Edappady - 9842776223	Snake Catcher	Member

**Inter - Departmental Zonal Team – V**

<b>Sl. No.</b>	<b>High Vulnerable Area</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
<b>5.</b>	<b>Anna Nagar, Periyar Nagar, P.N. patty Village  Relief Centre: Municipality Primary School Thangamapuri pattinam,</b>	Revenue Divisional Officer,, Mettur	Revenue	Coordinator
		Deputy Superintendentof Police, Mettur	Police	Member
		Municipal Commissioner, Mettur	Municipality	Member
		District Educational Officer, Mettur	Education	Member
		Assistant Director (Agri) Kolathur	Agriculture	Member
		Block Medical Officer, Kolathur	Health	Member
		Block Development Officer (B.P) Kolathur	Development	Member
		E.O. Town Panchayat, P.N. Patty.	Town Panchayat	Member
		Assistant Engineer, Mettur.	Highways	Member
		Assistant Engineer (Irrigation), Mettur.	PWD	Member
		Assistant Engineer, Mettur.	TANGEDCO	Member
		1. Forest Range Office, Mettur 2. S.P. Soundappan, Forest Guard, (Snake Catcher)	Forest	Member
		Station Officer, Mettur/ Station Officer Mettur Thermal	Fire & Rescue	Member
		Branch Manager, TNSTC, Mettur	Transport	Member
		Thiru.Ramachandran (7904890373) Thiru.Kandan (8608384329) Thiru.Balan (9943785222) Thiru.Jayaraman (9842308536)	Indian Red Cross Volunteers	Member
Thiru.Hari – 9965894922	Swimmers	Member		
Thiru.Chandrasekar - 9976879452	Snake Catcher	Member		



**Inter - Departmental Zonal Team - VI**

<b>Sl. No.</b>	<b>High Vulnerable Area</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
<b>6.</b>	<b>Mettur to Poolmapatty Road Area, Kolnaickenpatti Village</b>  <b>Relief Centre:</b> Municipality Primary School Thangamapuri pattinam,	Revenue Divisional Officer, Mettur	Revenue	Coordinator
		Deputy Superintendent of Police, Mettur	Police	Member
		Municipal Commissioner, Mettur	Municipality	Member
		District Educational Officer, Mettur	Education	Member
		Assistant Director (Agri) Kolathur.	Agriculture	Member
		Block Medical Officer, Kolathur/Nangavalli/Mettur	Health	Member
		Block Development Officer (B.P) Kolathur	Development	Member
		Executive Officer, P.N.Patty.	Town Panchayat	Member
		Assistant Engineer, Mettur.	Highways	Member
		Assistant Engineer (Irrigation), Mettur.	PWD	Member
		Assistant Engineer, Mettur.	TANGEDCO	Member
		1. Forest Range Officer, Mettur 2. S.P. Soundappan, Forest Guard, (Snake Catcher)	Forest	Member
		Station Officer, Mettur	Fire & Rescue	Member
		Branch Manager, (TNSTC) Mettur	Transport	Member
		Thiru.Ishamanan (7373569696) Thiru.Settu (8144828227) Thiru.Sathish (9092774177) Thiru.Mugugesan (9940747516)	Indian Red Cross Volunteers	Member
		Thiru.Kaliyappan - 7397545853	Swimmers	Member
Thiru.Sanjay Gandhi - 6369310152	Snake Catcher	Member		

**Inter - Departmental Zonal Team - VII**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet waterlevel</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
<b>7.</b>	<b>Kaveripatti</b> <b>Agraharam</b> <b>Padithurai</b>  <b>Relief Centre:</b> Parvatha Rajakula Thirumanamandapam, Kaveripatti	Assistant Director, Panchayat, Salem.	Development	Coordinator
		Deputy Superintendent of Police, Sankari.	Police	Member
		District Educational Officer, Sankari	Education	Member
		Assistant Director (Agri) Sankari	Agriculture	Member
		Block Medical Officer, Primary Health Centre, Magudanchavadi/Chittur	Health	Member
		Block Development Officer, Sankari.	Development	Member
		Executive Officer, Town Panchayat, Thevur	Town Panchayat	Member
		Assistant.Eng. (Highways) Sankari	Highways	Member
		Assistant Engineer, Kullampatty	PWD	Member
		Assistant Engineer (EB) Sankari.	TANGEDCO	Member
		1.Forest Range Officer, Mettur Range 2. S.P. Soundappan, Forest Guard, (Snake Catcher)	Forest	Member
		Fire Service Office, Edappady	Fire & rescue	Member
		Branch Manager, TNSTC, Edappady.	Transport	Member
		Lakshmanan-9629412742	Volunteers	Member
		Thiru.Sakthivel- 9994953446	Swimmers	Member
Tr.Gurusamy -8880398711 Tr. Lara – 9593738654	Snake Catcher	Member		

**Inter - Departmental Zonal Team - VIII**

<b>Sl. No.</b>	<b>Moderate Vulnerable Area 2-3 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
8.	<b>Relief Centre:</b> Agaram Colony (Gate Kadu)  Agaramahal Kalyana Mandabam Annathanapatty	District Adidravidar Welfare Officer, Salem	Revenue	Coordinator
		Assistant Commissioner of Police, (Law and Order) South Range, Salem City	Police	Member
		Assistant Commissioner, Kondalampatti Zone.	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director, Agriculture Veerapandi	Agriculture	Member
		Medical Officer, PHC, Annathanapatty	Medical	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation) Salem.	PWD	Member
		Assistant Engineer (Buildings), Salem.	PWD	Member
		Asst. Executive Engg, Shevapet Salem.	TANGEDCO	Member
		1. Forest Office, Yercaud 2. M. Selva Sekar, Forest Guard, (Snake Catcher) Forest Office – Shervarayan South Range. Salem	Forest	Member
		Station Officer, Wing-2, Salem.	Fire & Rescue	Member
		Divisional Manager, (TNSTC), Salem.	Transport	Member
		1. M. Raveendran, IRCS. (9865425524) 2. M. Murugan, IRCS. (9842771911) 3. R. Nagarajan, IRCS. (9443470711)	Indian Red Cross Volunteers	Member
		Tr. Arociyaraj – 9865948758,	Swimmers	Member
		Tr. Kumaravel - 9843928423		Member
		Kumar. Kalparapatti – 8760661902	Snake Catcher	Member

**Inter - Departmental Zonal Team - IX**

<b>Sl. No.</b>	<b>Moderate Vulnerable Area 2-3 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
9	<p>KP Karadu (Annathanapatty) Rock falls due to Rain and Soil Erosion</p> <p><b>Relief Centre:</b> Jayarani Matriculation School, Nethimedu</p>	Assistant Commissioner, Kondalampatti Zone.	Corporation	Coordinator
		Assistant Commissioner of Police, Law and Order South Range, Salem City	Police	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director (Agri) Salem.	Agriculture	Member
		Medical Officer, Annathanapatty	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation) Salem.	PWD	Member
		Assistant Engineer (Buildings) Salem.	PWD	Member
		Assistant Engineer, Shevapet.	TANGEDCO	Member
		1. Forest Range Office, Yercaud 2. M. Selva Sekar, Forest Guard, (Snake Catcher) Forest Office –Shervarayan South Range. Salem	Forest	Member
		Station Officer, Wing-2, Salem.	Fire & Rescue	Member
		Divisional Manager (TNSTC) Salem.	Transport	Member
		1. M. Raveendran, IRCS. - 9865425524 2. M. Murugan, IRCS. - 9842771911 3. R. Nagarajan, IRCS. - 9443470711	Indian Red Cross Volunteers	Member
		Tr. Arokiyaraj - 9865948758	Swimmers	Member
		Tr. Kumaravel - 9843928423		Member
		Kumar. Kalparapatti – 8760661902	Snake Catcher	Member

**Inter - Departmental Zonal Team - X**

Sl. No.	Moderate Vulnerable Area 2-3 feet water level	Designation	Department	Role
10	Uthumalai Karadu (Seelanaicken patty) Rock falls due to Rain and Soil erosion)  <b>Relief Centre:</b> Deva Kalyana Mandabam, Thalaimalai Nagar	Assistant Commissioner, Kondalampatti Zone.	Corporation	Coordinator
		Assistant Commissioner of Police, [(Law and Order) South Range] Salem City	Police	Member
		Assistant Commissioner, Kondalampatti Zone.	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director, Agriculture Salem.	Agriculture	Member
		Medical Officer, PHC, Annathanapatty	Health	Member
		Assistant Engineer Highways, Salem.	Highways	Member
		Assistant Engineer (Irrigation) Salem.	PWD	Member
		Assistant Engineer (Buildings) Salem.	PWD	Member
		Assistant Engineer, Seelanayakanpatty	TANGEDCO	Member
		1. Forest Range Officer, Yercaud 2. M. Selva Sekar, Forest Guard, (Snake Catcher) Forest Office –Shervarayan South Range. Salem	Forest	Member
		Station Officer, Wing-2, Salem.	Fire & Rescue	Member
		Divisional Manager (TNSTC), Salem	Transport	Member
		1. M. Raveendran, IRCS. - 9865425524 2. M. Murugan, IRCS. - 9842771911 3. R. Nagarajan, IRCS. - 9443470711	Indian Red Cross Volunteers	Member
		Tr. Arokiyaraj - 9865948758	Swimmers	Member
		Tr. Kumaravel - 9843928423		Member
		Tr. Kumar. Kalparapatti - 8760661902	Snake Catcher	Member

**Inter - Departmental Zonal Team – XI**

<b>Sl. No.</b>	<b>Moderate Vulnerable Area 2-3 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
11	<b>Relief Centre:</b> Ammbal Eri Amman Nagar) Arunattu Vellalar Kalyana Mandabam, Velu Nagar	Personal Assistant to Collector (Elections), Salem	Revenue	Coordinator
		Assistant Commissioner of Police, [(Law and Order) South Range], Salem City	Police	Member
		Assistant Commissioner, Kondalampatti Zone.	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director(Agri)Salem.	Agriculture	Member
		MedicalOfficer, PHC, Dadgapatty	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer, (Irrigation) Salem.	PWD	Member
		Assistant Engineer (Buildings) Salem.	PWD	Member
		Assistant Engineer(EB),Salem.	TANGEDCO	Member
		1.Forest Range Officer, Yercaud 2.M. Selva Sekar, Forest Guard, (Snake Catcher) Forest Office –Shervarayan South Range. Salem	Forest	Member
		Station Officer, Wing-2, Salem.	Fire & Rescue	Member
		Divisional Manager, TNSTC, Salem.	Transport	Member
		1. M. Raveendran, IRCS. - 9865425524 2. M. Murugan, IRCS. - 9842771911 3. R. Nagarajan, IRCS. - 9443470711	Indian Red Cross Volunteers	Member
		Tr. Arockiyaraj - 9865948758	Swimmers	Member
		Tr. Kumaravel - 9843928423		Member
Kumar. Kalparapatti – 8760661902	Snake Catcher	Member		

**Inter - Departmental Zonal Team - XII**

<b>Sl. No.</b>	<b>Moderate Vulnerable Area 2-3 Feet Water Level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
12	Pachapatti  <b>Relief Centre:</b> Corporation Middle School.Pavadi	District Backward and Minority Welfare Officer, Salem	Revenue	Coordinator
		Assistant Commissioner of Police, Salem Town	Police	Member
		Assistant Commissioner, Ammapet Zone	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director (Agri) Salem	Agriculture	Member
		Medical Officer, PHC, Salem	Health	Member
		Assistant Engineer, Salem	Highways	Member
		Assistant Engineer, (Irrigation), Salem.	Pwd	Member
		Assistant Engineer, (Buildings), Salem.	Pwd	Member
		Asst. Executive Engg, Ponnampet.	TANGEDCO	Member
		1. Forest Range Officer, Salem 2. Sathana, Forest Guard, Kuruvampatti Zoological Park (Snake Catcher)	Forest	Member
		Station Officer, Salem	Fire & Rescue	Member
		Divisional Manager, (TNSTC), Salem Rajendran	Transport	Member
		Tr. Saravanan, (Arts Collage) Wild Life Warden	Snake Catcher	Member
		Tr. Lara (Kurumpatti, Zoo)	Snake Catcher	Member
		1.P. Rabahar JRC - 9443392099 2.M. Kavitha - 7010894008 3.V.T. Senthil Kumar - 9842758649	Indian Red Cross Volunteers	Member
		Ilangovan - 96263 - 43172 Chinnannan - 97502 - 03086	Swimmers	Member
Kumar. Kalparapatti - 8760661902	Snake Catcher	Member		



**Inter - Departmental Zonal Team - XIII**

<b>Sl. No.</b>	<b>Moderate Vulnerable Area 2-3 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
<b>13.</b>	<b>AnnamarKoil Bridge, (Thevur)</b>  <b>Relief Centre:</b> Government Community Hall, Pullagoundampatty	Assistant Director Town Panchayat	Town Panchayat	Coordinator
		Deputy Superintendent of Police, Sankari.	Police	Member
		District Educational Officer, Sankari	Education	Member
		Assistant Director, (Agri) Sankari	Agriculture	Member
		Block Medical Officer, PHC Thevur	Health	Member
		Block Development Officer, Sankari	Development	Member
		Executive Officer, Town Panchayat, Thevur.	Town Panchayat,	Member
		Assistant Engineer, Edappady.	Highways	Member
		Assistant Engineer, Kullampatty	Public Works Department	Member
		Assistant Engineer (EB), Thevur.	TANGEDCO	Member
		1. Forest Range Officer, Mettur 2. S.P. Soundappan, Forest Guard, (Snake Catcher) Forest Range Office, Mettur	Forest	Member
		Station Officer, Sankari	Fire & rescue	Member
		Branch Manager, (TNSTC), Edappady.	Transport	Member
		Lakshmanan - 9629412742	Volunteers	Member
		Thiru.Sakthivel - 9994953446	Swimmers	Member
Tr. Gurusamy -8880398711 Tr. Lara - 9593738654	Snake Catcher	Member		

**Inter - Departmental Zonal Team –XIV**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
14.	<b>RAIL NAGAR</b>  <b>Relief Centre.</b> 1. Neelambal Subramaniam Hr. Sec. School.  2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem - 636 013	Inspection Cell Officer, Salem.	Revenue	Coordinator
		Assistant Commissioner of Police, Suramangalam, Salem.	Police	Member
		District Educational Officer, Salem	Education	Member
		Assistant Commissioner, Suramangalam Zone.	Corporation	Member
		Assistant Director(Agri), Salem.	Agriculture	Member
		Medical Officer,PHC, Old Suramangalam	Health	Member
		Divisional Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation), Salem.	Public Works Department	Member
		Assistant Engineer (Buildings), Salem	Public Works Department	Member
		Assistant. Engineer, Suramangalam, Salem	TANGEDCO	Member
		1. Forest Range Officer - South 2. M.Selva Sekar, Forest Guard, (Snake Catcher) Forest Office – Shervarayan South Range. Salem	Forest	Member
		Station Officer, Suramangalam, Salem.	Fire & rescue	Member
		1. K.Thangavel, JRC - 9994439907 2. S.Samuvel, JRC - 9362110199	Indian Red Cross Volunteers	Member
		Sathya - 9994102989 Ramagoundan -9688246882	Swimmer	Member
Tr. Saravanan. - 9244504695 Tr. Lara -9597148654	Snake Catcher	Member		

**Inter - Departmental Zonal Team -XV**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
15.	<b>Ramalinga Nagar</b>  <b>Relief Centre.</b> 1. Ramalinga Vallalar Hr. Sec. School  2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem - 636 013	Special Deputy Collector (Stamps) Salem.	Revenue	Coordinator
		Assistant Commissioner of Police, Suramangalam, Salem.	Police	Member
		District Educational Officer, Salem	Education	Member
		Assistant Commissioner, Suramangalam Zone.	Corporation	Member
		Assistant Director, of Agriculture Salem.	Agriculture	Member
		Medical Officer, PHC, Old Suramangalam	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation), Salem.	PWD	Member
		Assistant Engineer (Buildings), Salem.	PWD	Member
		Assistant. Engineer (EB) Sooramangalam	TANGEDCO	Member
		1. Forest Range Officer, South. 2. Forest Guard, (Snake Catcher) Shervarayan South Range.	Forest	Member
		Station Officer, Suramangalam, Salem.	Fire & Rescue	Member
		1. Ramachandran, JRC Counsellor 9751268026 2. K.Munusamy, JRC Counsellor - 9976154615	Indian Red Cross Volunteers	Member
		Sathya - 9994102989 Ramagoundan - 9688246882	Swimmer	Member
		Tr. Saravanan. - 9244504695 Tr. Laraprakash- 9597148654	Snake Catcher	Member

**Inter - Departmental Zonal Team -XVI**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
16.	<b>Seenivasa Nagar</b>  <b>Relief Centre.</b> 1. Sri Ramakrishna Sarada Hr. Sec. School.  2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	District Supply and consumer Protection Officer, Salem.	Revenue	Coordinator
		Assistant Commissioner of Police, Suramangalam, Salem.	Police	Member
		District Educational Officer, Salem	Education	Member
		Assistant Commissioner, Suramangalam Zone.	Corporation	Member
		Assistant Director, (Agri) Salem.	Agriculture	Member
		Medical Officer, Rediyur	Health	Member
		Assistant Engineer, Salem.	Highways	Member
		Assistant Engineer (Irrigation), Salem	PWD	Member
		Assistant Engineer (Buildings), Salem.	PWD	Member
		Assistant. Engineer, Sooramangalam	TANGEDCO	Member
		1. Forest Range Office, South 2. M.Selva Sekar, Forest Guard, (Snake Catcher) Forest Office – Shervarayan South Range. Salem	Forest	Member
		Station Officer, Suramangalam, Salem.	Fire & Rescue	Member
		Divisional Manager, TNSTC, Salem.	Transport	Member
		1. K. Prabu, NDRF Trainer, IRCS, Salem. - 9443273404 2. Ramachandran, JRC Counsellor9751268026 3. Munusamy, JRC Counsellor – 9976154615	Indian Red Cross Volunteers	Member
Sathya - 9994102989 Ramagoundan - 9688246882	Swimmer	Member		
Tr. Saravanan. - 9244504695 Tr. Lara – 9597148654	Snake Catcher	Member		

**Inter - Departmental Zonal Team - XVII**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 Feet Water Level</b>	<b>Designation</b>	<b>Department</b>	<b>Role</b>
17.	Dhathubailuttai Area And MM Road  <b>Relief Centre.</b> Municipal Girls. Hr sec school, Moongappadi St, Salem	District Manager, Tasmac	Revenue	Coordinator
		Assistant Commissioner of Police, Salem Town	Police	Member
		Assistant Commissioner, Ammapet Zone	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director (Agri) Salem	Agriculture	Member
		Medical Officer, Salem	Health	Member
		Block Development Officer, Salem	Development	Member
		Assistant Engineer, Salem	Highways	Member
		Assistant Engineer, (Irrigation), Salem	PWD	Member
		Assistant Engineer (Buildings), Salem	PWD	Member
		Assistant Engineer (EB), Kichipalayam.	TANGEDCO	Member
		1.Forest Range Officer,Salem 2. Sathana, Forest Guard, Kuruvampatti Zoological Park (Snake Catcher)	Forest	Member
		1.V. Gopalakrishnan, Ircs. – 87546-59391 2. R. Duraisamy, Ircs – 94875-02191 3. S. Prakash, Ircs – 98654-52313 4. M.P. Sri Ravichandra - Varma, Ircs 94434-96794 5. Ramakrishnan, Ircs – 94438-54517	Indian Red Cross Volunteers	Member
		Iyyasamy - 91594-12516 Chinnannan	Swimmer	Member Member
		Tr. Saravanan -92445-04695 Tr. Laraprakash-95937 48654	Snake Catcher	Member



**Inter - Departmental Zonal Team - XVIII**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 Feet Water Level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
18	Narayana Nagar  <b>Relief Centre.</b> Corp. middle School, Pavadi.	Special Deputy Collector (SSS) Salem	Revenue	Coordinator
		Assistant Commissioner of Police, Salem Town	Police	Member
		Assistant Commissioner, Ammapet Zone	Corporation	Member
		District Educational Officer, Salem	Education	Member
		Assistant Director (Agri) Salem	Agriculture	Member
		Medical Officer, Salem	Health	Member
		Block Development Officer, Salem	Development	Member
		Assistant Engineer, Salem	Highways	Member
		Assistant Engineer(Irrigation), Salem	PWD	Member
		Assistant Engineer (Buildings), Salem	PWD	Member
		Assistant Engineer,Kichipalayam.	TANGEDCO	Member
		1. Forest Ranger Officer, Salem 2. Sathana, Forest Guard, Kuruvampatti Zoological Park (Snake Catcher)	Forest	Member
		Station Officer, Salem Main	Fire & Rescue	Member
		Divisional Manager (TNSTC), Salem	Transport	Member
		1.S.Ravi, Ircs - 95248-13232 2. C. Ramakrishnan, Yrc - 94424-75285	Indian Red Cross Volunteers	Member
		Iyyasamy - 91594-12516 Selvam - 99426-35150	Swimmers	Member
Tr. Saravanan - 92445-04695 Tr. Laraprakash - 95937-48654	Snake Catcher	Member		

**Inter - Departmental Zonal Team - XIX**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
<b>19.</b>	<b>Ward-5 MGR Nagar, NVN Nagar, (Narasingapuram)  Relief Centre. RC School, Attur.</b>	Revenue Divisional Officer, Attur.	Revenue	Coordinator
		Deputy Superintendent of Police, Attur.	Police	Member
		Municipal Commissioner, Narasingapuram.	Municipality	Member
		District Educational Officer, Attur	Education	Member
		Assistant Director, of Agriculture Attur	Agriculture	Member
		Block Medical Officer, Attur	Health	Member
		Block Development Officer, Attur	Development	Member
		Assistant Engineer, Attur.	Highways	Member
		Assistant Executive Engineer, WRO Sarabanga, Salem.	PWD	Member
		Assistant Engineer (Buildings), Attur.	PWD	Member
		Assistant Engineer (EB) Narasingapuram, Salem.	TANGEDCO	Member
		1. Forester Attur 2. T.Sarath, Forest Guard, Attur (Snake Catcher)	Forest	Member
		Station Officer, Attur	Fire & Rescue	Member
		Branch Manager, TNSTC, Attur.	Transport	Member
		1. Srinivasan - 9080207097 2. SureshKumar - 8695590666 3. Baskaran - 9443253088 4. Elavarasu - 9994452537 5. Jaiganesh - 9942746000	Red Cross	Member
		Raja - 9942635150	Swimmers	Member
Tr. Saravanan - 9244504695 Tr. Laraprakash - 9593748654	Snake Catcher	Member		

**Inter - Departmental Zonal Team - XX**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
<b>20.</b>	Ward-10 Panneer Selvam St, Kailasanathar Street, <b>(Attur)</b>  <b>Relief Centre.</b> RC.School Attur.	Revenue Divisional Officer, Attur.	Revenue	Coordinator
		Deputy Superintendent of Police, Attur.	Police	Member
		Municipal Commissioner, Attur	Municipality	Member
		District Educational Officer, Attur	Education	Member
		Assistant Director, of Agriculture Attur	Agriculture	Member
		Block Medical Officer, Attur	Health	Member
		Block Development Officer, Attur	Development	Member
		Assistant Engineer Highways, Attur.	Highways	Member
		Assistant Executive Engg. WRO Sarabanga, Salem.	PWD	Member
		Assistant Engineer (Buildings) Attur.	PWD	Member
		Assistant Engineer (EB) Narasingapuram	TANGEDCO	Member
		1. Forester, Attur 2. T.Sarath, Forest Guard, Attur (Snake Catcher)	Forest	Member
		Station Officer, Attur	Fire & Rescue	Member
		Branch Manager, TNSTC, Attur.	Transport	Member
		1. Vijayan - 9842832766 2. Najay Karthik- 9042713867 3. Paramasivam- 9487951777 4. Ramesh - 9952418882 5. Senthilkumar	Red Cross	Member
Maduraisamy -942635150 Muniappan - 9942635150	Swimmers	Member		
Tr. Saravanan- 9244504695 Tr. Laraprakash - 9593748654	Snake Catcher	Member		

**Inter - Departmental Zonal Team - XXI**

<b>Sl. No.</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
<b>21.</b>	<b>Indra Nagar (Valapady) Relief Centre.</b> Govt boys hr sec school valapadi.	Project Officer, Tribal Welfare (ST), Salem	Revenue	Coordinator
		Deputy Superintendent of Police, Valapady.	Police	Member
		District Educational Officer, Valapady	Education	Member
		Assistant Director (Agri) Valappady	Agriculture	Member
		Block Medical Officer, Valappady, Belur, Ayyothiyapatinam	Health	Member
		Block Development Officer, Valapady.	Development	Member
		Executive Officer, Valapady Town Panchayat.	Town Panchayat	Member
		Assistant Engineer, Valapady	Highways	Member
		Assistant Engineer, WRO Sarabanga, Valapady.	PWD	Member
		Assistant Engineer, (Buildings), (C and M) Salem.	PWD	Member
		Assistant Engineer (EB) Valapady South	TANGEDCO	Member
		1. Forest Officer, Valapady Range 2. S. Gokulraj, Forest Guard, Valappady (Snake Catcher)	Forest	Member
		Station Officer, Valapady	Fire & Rescue	Member
		Branch Manager, TNSTC, Valapady.	Transport	Member
		1. Joseph Layat, - 9894280999 2. Arthanary - 9442187457 3. Abee Usan - 9842078611 4. John Sundaraj - 9715230555 5. Ramachandran - 9443889995	Red Cross India	Member
		Vijaykumar - 9498251751	Swimmers	Coordinator
		Pattudurai - 9498251236		Member
		Tr. Muthaiyan - 9715765554, 9655285554	Snake Catcher	Member

**Inter - Departmental Zonal Team XXII**

<b>Sl. No .</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
<b>22</b>	<b>MGR Nagar, Indra Nagar, Mettur Town, Navapatti Village</b>  <b>Relief Centre.</b> Pappammal Thirumana mandapam	Revenue Divisional officer, Mettur	Revenue	Coordinator
		Deputy Superintendent of Police, Mettur	Police	Member
		Municipal Commissioner, Mettur	Municipality	Member
		District Educational Officer, Mettur	Education	Member
		Block Medical Officer, Konganapuram/Kolathur/Navavalli/Mecheri	Health	Member
		Assistant Director, of Agriculture Kolathur	Agriculture	Member
		Block Development Officer Kolathur/Nangavalli/Mecheri	Development	Member
		Executive Officer Town Panchayat, P.N. Patty.	Town Panchayat	Member
		Assistant Engineer, Mettur.	Highways	Member
		Executive Engg, PWD Irrigation, Mettur.	PWD	Member
		Assistant Engineer, Mettur.	TANGEDCO	Member
		1.Forester, Mettur. 2.S.P. Soundappan , Forest Guard, Mettur (Snake catcher)	Forest	Member
		Station Officer, Mettur	Fire & Rescue	Member
		Branch Manager, TNSTC, Mettur	Transport	Member
		Tr.Kaliyappan - 9715121415 Thiru.Manikandan- 8667038952 Thiru.Anguraj - 9345140004 Thiru.Ravindrakumar - 9976668881	Indian Red Cross Volunteers	Member
		Thiru.Perumal - 9944413777	Swimmers	Member
Thiru.Madhu -6374751915	Snake Catcher	Member		



**Inter - Departmental Zonal Team - XXIII**

<b>Sl. No</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Officer &amp; Designation</b>	<b>Department</b>	<b>Role</b>
<b>23</b>	<b>1. Kombaikadu NavithanKuttai</b> <b>2. Kombaikadu Poomaniyur</b>  <b>Relief Centre.</b> 1. Govt.High School, Nedungulam 2. PUES, Poomaniyur	Revenue Divisional Officer, Sankari.	Revenue	Coordinator
		Deputy Superintendent of Police, Sankari.	Police	Member
		District Educational Officer, Edappady	Education	Member
		Assistant Director of Agriculture Edappady	Agriculture	Member
		Block Medical Officer, Konganapuram	Health	Member
		Block Development Officer, Edappady.	Development	Member
		E.O. Town Panchayat, Poolampatty.	Town Panchayat	Member
		Assistant Engineer, Edappady.	Highways	Member
		Assistant Engineer, WRO Sarabanga, Edappady.	PWD	Member
		Assistant Engineer (Buildings), Edappady.	PWD	Member
		Assistant Executive Engg, Mettur.	TANGEDCO	Member
		1. Forester, Mettur. 2. S.P.Soundappan, Forest Guard, Mettur (Snake Catcher)	Forest	Member
		Station Officer, Edappady	Fire & Rescue	Member
		Branch Manager, TNSTC, Edappady.	Transport	Member
		1. Munusamy, Nedungulam – 9942748439 2. Karunakaran, Nedungulam – 8526102165 3. Udhayakumar, Poolampatty – 9994007374 4. Nataraj, Poolampatty – 9087787374	Volunteers	Member
		SathishKumar, Nedungulam – 8608630557 ManjuNathan, Poolampatty – 6369288412	Swimmers	Member
Pandiyan, Edappady -9715958486	Snake Catcher	Member		

**Taluk Level (including Block/ Firka/ Village) level Inter  
Department Disaster Management Committee:**

Taluk (including Block/Firka/Village) level Inter Department Disaster Management Committee has been formed to tackle the Disaster in Taluk level. Block level and Firka level committee shall frequently visit the areas identified as vulnerable and familiarize themselves with the community and assess the requirements to be made to the community and prepare the list of first responders. The village level team and first responders are fully responsible to respond the disaster. They shall be trained in giving first aid, search and Rescue operations, Road clearance. The village level team will give information to the Block level, firka level monitoring team and District Emergency Operation Centre about the occurrence of the disaster. The first responders are the prominent persons to evacuate the public to safe shelters and involve in rescue operations in their locality.

The Taluk Inter Departmental team has been formed for effective management of disasters.

These teams are trained to tackle various types of disasters.

1. Members from All major Departments like Revenue/ Local Bodies/ PWD/ Agriculture/ Horticulture/ Police/ Transport/ Electricity/ Highways/ Medical
2. Zonal Teams
3. Firka level Supervisory Teams
4. Village level Teams
5. Teams of Volunteers - First Responders / Swimmers/ Red Cross/ NGOs/ Snake Catchers

## **Proceedings of The District Collector, Salem**

**Present: Thiru, S. Karmegam, I.A.S.,**

**Roc. No.754404/2023/DM**

**Dated: 18.06.2023**

**Sub: Disaster Management** – Salem District- South West Monsoon - 2023 – Formation of Taluk Level Inter Department Teams to undertake activities of Preparedness, Rescue, Relief and immediate Restoration in vulnerable areas-orders issued - reg.

**Ref:** Monsoon – 2023 preparedness and Inter Department Meeting Date: 03.06.2023.

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### **ORDER:-**

In order to undertake the activities of Preparedness, Response, Recovery and Mitigation in the vulnerable areas with respect to South West Monsoon-2021 following Taluk level Inter Departmental Teams are formed. (List enclosed)

The team should inspect the vulnerable areas immediately and analyze the vulnerability and control measures to be taken to reduce the vulnerability in addition to follow up activity.

- i) Visit Relief Centres.
- ii) Source of Vulnerability.
- iii) Mitigation Measures
- iv) Had interaction with first responders
- v) check the inventory
- vi) Check measures in place for the differently abled and other vulnerable sections.

They should act swiftly in case of any disaster and to undertake relief and rescue operations and report to Collectorate in time.

## **1. Salem - Taluk Level Inter Departmental Team**

<b>S.No</b>	<b>Designation</b>	<b>Role</b>
1.	Tahsildar	Coordinator
2.	Taluk Supply Officer, Salem	Member
3.	Special Tahsildar (Social Security Scheme) Salem	Member
4.	Inspector of Police – Mallur, Ammapet, Hasthampatty, Veeranam, Kannakurichi, Kichipalayam, Shevapet	Member
5.	Executive Officer., Ayyothiapattanam/Mallur/Panamarathu patty	Member
6.	Block Development Officer., Salem, Panamarathupatty/Kannakurichi.	Member
7.	Assistant Executive Engineer., Highways, Salem	Member
8.	Assistant Executive Engineer., P,W.D., (Irrigation)\Salem	Member
9.	Assistant Executive Engineer., TNEB., Salem	Member
10.	Executive Engineer., TWAD., Salem	Member
11.	Station Officer, Salem.	Member
12.	Medical Officer, Kumarasampatty.	Member
13.	Block Educational Officer,Salem Town/ Panamarathu patty	Member

## **2. Salem South Taluk Level Inter Departmental Team**

<b>S.No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Salem South.	Coordinator
2	Block Development officer, Veerapandy.	Member
3	Executive Officer Town Panchayat, Elampillai, Attayampatty.	Member
4	Inspector of Police, Annathanapatty, Kondalampatty.	Member
5	Asst Engineer, PWD, Irrigation, Salem.	Member
6	Asst Executive Engineer-1, PWD, Buildings, Salem.	Member
7	Asst Engineer, Tangedco, Salem.	Member
8	Forest Ranger, Yercaud Range.	Member
9	Medical Officer, GH, Salem.	Member
10	Station officer, Wing-2, Fire and Rescue, Salem.	Member
11	Asst Engineer, Highways, Salem	Member
12	Assistant Director of Agriculture, Veerapandy.	Member
13	Assistant Director of Horticulture, Veerapandy.	Member
14	Asst Executive Engineer TWAD, Salem.	Member
15	Veterinary Surgeon, Veterinary Poly Clinic, Veerapandy	Member
16	Branch Manager, TNSTC, Salem.	Member
17	Block Educational Officer, Salem Rural/Veerapandi	Member



### **3. Salem West Taluk Level Inter Departmental Team**

<b>S.No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Salem West	Coordinator
2	Block Development Officer, Veerapandi	Member
3	Assistant Executive Engineer, Corporation, Suramangalam	Member
4	Inspector of Police, Suramangalam / Pallapatty / Alagapuram, Steel Plant.	Member
5	Asst. Engineer, PWD, Irrigation, Salem	Member
6	Asst. Executive Engineer – I, PWD, Buildings, Salem	Member
7	A.D.TANGEDCO, Meyyanur, Salem	Member
8	Forest Range Officer, Yercaud Range / Shervaroy South Ranger / Single Lock Office, Salem.	Member
9	Medical Officer, GH, Salem	Member
10	Station Officer Wing- I, Suramangalam, Fire and Rescue	Member
11	Asst. Engineer, Highways, Salem	Member
12	Taluk Supply Officer, Salem West	Member
13	Asst. Agri Officer, Agriculture, Salem West	Member
14	Asst. Agri Officer, Horticulture, Salem West	Member
15	Asst. Executive Engineer, TWAD, Salem.	Member
16	Veterinary Surgeon, Salem	Member
17	Branch Manager, TNSTC, Meyyanur / Pallapatty.	Member
18	Block Educational Officer, Salem Rural/Veerapandi	Member

#### **4.Yercaud Taluk Level Inter Departmental Team**

<b>Sl. No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Yercaud.	Coordinator
2	Block Development officer, Yercaud.	Member
3	Inspector of Police, Yercaud.	Member
4	Asst Engineer, PWD, (Irrigation), Salem.	Member
5	Asst Executive Engineer-1, PWD, (Buildings), Salem.	Member
6	Asst Engineer, Tangedco, Yercaud.	Member
7	Forest Ranger Officer, Yercaud.	Member
8	Block Medical Officer, Valavanthi.	Member
9	Station officer, Fire and Rescue, Yercaud.	Member
10	Asst Engineer, Highways, Yercaud.	Member
11	AsstAgri Officer Agriculture, Yercaud.	Member
12	AsstAgri Officer Horticulture, Yercaud.	Member
13	Asst Elementary Education Officer, Yercaud.	Member
14	Veterinary Surgeon, Veterinary Hospital, Yercaud.	Member
15	Branch Manager, TNSTC, Salem.	Member
16	Volunteers	Member
17	Volunteers (NSR Earth workers)	Member
18	Volunteers (JCB	Member
19	Volunteers (Snake catcher)	Member
20	Volunteers (Tree Cutting)	Member
21	Block Educational Officer, Yercaud	Member

### **5. Attur Taluk Level Inter Departmental Team**

<b>Sl. No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Attur.	Coordinator
2	Block Development officer, Attur.	Member
3	Municipal Commissioner, Attur.	Member
4	Municipal Commissioner, Narasingapuram	Member
5	Inspector of Police Attur Urban/ Attur Rural	Member
6	Assistant Engineer, PWD (Irrigation), Attur.	Member
7	Assistant Executive Engineer, PWD, (Buildings), Attur.	Member
8	Assistant Engineer, TANGEDCO, Attur	Member
9	Assistant Engineer, TANGEDCO, Narasingapuram. Attur	Member
10	Forest Ranger, Attur.	Member
11	Block Medical Officer, GH, Attur.	Member
12	Station officer, Fire and Rescue, Attur.	Member
13	Asst Engineer, Highways, Attur.	Member
14	AD (Agri) Officer Agri, Attur.	Member
15	AD (Horti) Officer Horticulture, Attur.	Member
16	Asst Elementary Education Officer, Attur.	Member
17	Asst Executive Engineer TWAD, Attur.	Member
18	Veterinary Surgeon, Veterinary Hospital, Attur.	Member
19	Branch Manager, TNSTC, Attur.	Member
20	Block Educational Officer, Attur	Member

## **6. Valappday Taluk Level Inter Departmental Team**

<b>Sl. No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Valapadi.	Coordinator
2	Block Development officer, Valapady.	Member
3	Executive Officer Town Panchayat, Valapady.	Member
4	Inspector of Police, Valapady/Kaaripatty.	Member
5	Assistant Engineer, PWD, Irrigation, Valapady.	Member
6	Asst Executive Engineer-1, PWD Buildings, Salem.	Member
7	Assistant Engineer, Tangedco, Valapady South.	Member
8	Forest Ranger, Valapady.	Member
9	Block Medical Officer, GH, Valapady.	Member
10	Station officer, Fire and Rescue, Valapady.	Member
11	Asst Engineer, Highways, Valapady.	Member
12	Taluk Supply Officer, Valapady.	Member
13	Asst Agri Officer Agriculture, Valapady.	Member
14	Asst Agri Officer Horticulture, Valapady.	Member
15	Asst Elementary Education Officer, Valapady South	Member
16	Veterinary Surgeon, Valapady.	Member
17	Branch Manager, TNSTC, Valapady.	Member
18	Block Educational Officer, Valapady/Ayyothiyapattinam	Member

## **7. Gangavalli Taluk Level Inter Departmental Team**

<b>SI.No</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Gangavalli.	Coordinar
2	Block Development officer, Gangavalli/	Member
3	Executive Officer, Town Panchayat, Gangavalli/ Thammampatty/ Thedavur/ Sentharpatty.	Member
4	Inspector of Police, Thammampatty Circle/ Gangavalli/Veeraganur.	Member
5	Asst Engineer, PWD, Irrigation, Attur	Member
6	Asst Executive Engineer, PWD, Buildings, Attur	Member
7	Asst Engineer, Tangedco, Gangavalli.	Member
8	Forest Ranger, Thammampatti	Member
9	Block Medical Officer, GH, Gangavalli.	Member
10	Station officer, Fire and Rescue, Gangavalli.	Member
11	Asst Engineer, Highways, Gangavalli.	Member
12	Taluk Supply Officer, Gangavalli.	Member
13	Assistant Agri Officer Agriculture, Gangavalli.	Member
14	Asst Agri Officer Horticulture, Gangavalli.	Member
15	Asst Elementary Education Officer, Gangavalli.	Member
16	Asst Executive Engineer TWAD, Gangavalli.	Member
17	Veterinary Surgeon, Gangavalli.	Member
18	Branch Manager, TNSTC, Thammampatty.	Member
19	Block Educational Officer, Gangavalli.	Member

## **8. Pethanaickenpalayam Taluk Level Inter Departmental Team**

<b>SI.No</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Pethanaickenpalayam	Coordinator
2	Block Development officer,Pethanaickenpalayam	Member
3	Executive Officer, Town Panchayat, Pethanaickenpalayam.	Member
4	Executive Officer, Town Panchayat, Yethapur.	Member
5	Inspector of Police,Yethapur	Member
6	Inspector of Police, Karumandhurai	Member
7	Asst Engineer, PWD , Irrigation, P.N.Palayam	Member
8	Asst Executive Engineer, PWD , Buildings, P.N.Palayam	Member
9	Asst Engineer, Tangedco, P.N.Palayam	Member
10	Forest Ranger,Valapadi	Member
11	Forest Ranger Kalrayan Hills	
12	Block Medical Officer, P.N.Palayam	Member
13	Station officer, Fire and Rescue,Valapadi, Karumandurai .	Member
14	Asst Engineer, Highways Valappadi	Member
15	Taluk Supply Officer, Pethanaickenpalaym.	Member
16	Asst Agri Officer Agri, P.N.Palayam	Member
17	Assistant Director of Horticulture	Member
18	Asst Elementary Education Officer,pnp	Member
19	Asst Executive Engineer TWAD,Attur	Member
20	Veterinary Surgeon, P.N.Palayam	Member
21	Block Educational Officer, P.N.Palayam	Member



## **9. Omalur Taluk Level Inter Departmental Team**

	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Omalur.	Coordinator
2	Block Development officer, Tharamangalam/ Omalur.	Member
3	Municipal Commissioner, Tharamangalam Municipality	Member
4	Executive Officer, Town Panchayat	Member
5	Inspector of Police, Tharamangalam/ Tholasampatty/ Omalur.	Member
6	Asst Engineer, PWD, Irrigation, Omalur.	Member
7	Asst Executive Engineer -2, PWD, Buildings, Omalur /Salem.	Member
8	Asst Engineer, Tangedco, Omalur.	Member
9	Forest Ranger, Omalur.	Member
10	Block Medical Officer, GH, Omalur.	Member
11	Station officer, Fire and Rescue, Omalur.	Member
12	Asst Engineer, Highways, Omalur.	Member
13	Asst Agri Officer Agriculture, Omalur.	Member
14	Asst Agri Officer Horticulture, Omalur.	Member
15	Asst Elementary Education Officer, Omalur/ Tharamangalam.	Member
16	Asst Executive Engineer TWAD, Omalur.	Member
17	Veterinary Surgeon, Omalur.	Member
18	Branch Manager, TNSTC, Tharamangalam/ Omalur.	Member
19	Block Educational Officer, Tharamangalam/ Omalur.	Member

## **10. Kadayampatty Taluk Level Inter Departmental Team**

<b>Sl. No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Kadayampatty.	Coordinator
2	Block Development officer, Kadayampatti .(VP)	Member
3	Block Development officer, Kadayampatti .(TP)	Member
4	Executive Officer, Town Panchayat, Kadayampatti	Member
5	Inspector of Police, Theevattipatti	Member
6	Asst Engineer, EB, Kadayampatti.	Member
7	Forest Ranger, Danishpet, Kadayampatti.	Member
8	Block Medical Officer, PHC, Kadayampatti.	Member
9	Station officer, Wing-2, Salem. Fire and Rescue, Salem.	Member
10	Asst Engineer, Highways, Kadayampatti.	Member
11	Assistant Agri Officer, Agriculture, Kadayampatti.	Member
12	Asst Agri Officer Horticulture, Kadayampatti	Member
13	Asst Elementary Education Officer, Kadayampatti.	Member
14	Veterinary Surgeon, Veterinary Poly Clinic, Salem.	Member
15	Branch Manager, TNSTC, Salem.	Member
16	Block Educational Officer, Kadayampatti	Member

## **11. METTUR Taluk Level Inter Departmental Team**

<b>Sl. No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Mettur.	Coordinator
2	Block Development Officer, Kolathur/ Mecheri / Nangavalli.	Member
3	Municipal Commissioner, Mettur	Member
4	Executive Officer, Town Panchayat, P.N.Patty/ Veerakkalpudur/, Kolathur/ Mecheri/ Nangavalli/ Vanavasi/ Jalakandapuram.	Member
5	Inspector of Police, Mettur/ Jalakandapuram/ Nangavalli.	Member
6	Executive Engg, PWD Irrigation, Mettur.	Member
7	Executive Engg, TANGEDCO, Mettur.	Member
8	Forest Ranger, Mettur	Member
9	Block Medical Officer, Mettur	Member
10	Station Officer , Fire and Rescue, Mettur	Member
11	Assistant Engineer , Highways, Mettur	Member
12	Dy. Horti Officer Horticulture, Kolathur	Member
13	Dy. Agri Officer, Agriculture, Kolathur	Member
14	Branch Manager, TNSTC , Mettur	Member
15	Block Educational Officer, Kolathur/ Mecheri/ Nangavalli	Member

## 12. Sankari Taluk Level Inter Departmental Team

Sl. No.	Designation and Office	Role
1	Tahsildar, Sankari	Coordinator
2	Block Development Officer Sankari	Member
3	Municipal Commissioner, Edanganasalai	Member
4	<b>E.O.</b> Town Panchayat- Sankari/Thevur.	Member
5	Inspector of Police, Sankari/Magudanchavadi/Thevur.	Member
6	Assistant Engineer (Irrigation) (PWD)	Member
7	Assistant Engineer (Buildings) (PWD)	Member
8	Assistant Engineer, <b>TANGEDCO</b> ,Sankari	Member
9	Forest Ranger	Member
10	Block Medical Officer, Sankari	Member
11	Station Officer, Fire and Rescue, Sankari	Member
12	Asst. Engineer Highways	Member
13	Taluk supply officer, Sankari	Member
14	Agri Officer, (Agri) Sankari	Member
15	Assistant Agri Officer (Horti), Sankari	Member
16	Asst. Elementary Educational Officer, Sankari	Member
17	Asst. Executive Engineer, TWAD	Member
18	Veterinary Surgeon, Sankari	Member
19	Block Educational Officer, Sankari/Magudanchavadi	Member

### **13. Edappadi Taluk Level Inter Departmental Team**

<b>Sl. No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Edappadi.	Coordinator
2	Block Development Officer, Edappadi / Konganapuram	Member
3	Municipal Commissioner, Edappadi	Member
4	Executive Officer , Town Panchayat , Poolampatti/ Konganapuram	Member
5	Inspector of Police, Edappadi/ Konganapuram.	Member
6	Assistant Engineer (Irrigation) WRD, Edappadi.	Member
7	Assistant Executive Engineer (Buildings), PWD, Edappady	Member
8	Assistant Engineer , TANGEDCO, Mettur	Member
9	Forest Ranger, Mettur	Member
10	Block Medical Officer, Edappadi	Member
11	Station Officer, Fire and Rescue, Edappady.	Member
12	Assistant Engineer, Highways, Edappadi.	Member
13	Taluk Supply Officer, Edappadi	Member
14	Assistant Director of Agriculture, Edappadi	Member
15	Assistant Director of Agriculture Officer Horticulture, Edappadi/ Konganapuram.	Member
16	Assistant Elementary Education Officer , Edappadi	Member
17	Assistant Executive Engineer TWAD , Edappadi / Iruppali	Member
18	Veterinary Surgeon , GH , Edappadi	Member
19	Branch Manager , TNSTC , Edappadi	Member
20	Block Educational Officer, Edappadi/ Konganapuram.	Member

#### **14.Thalaivasal Taluk Level Inter Departmental Team**

<b>S.No.</b>	<b>Designation and Office</b>	<b>Role</b>
1	Tahsildar, Thalaivasal.	Coordinator
2	Block Development Officer, Thalaivasal	Member
3	Executive Officer, Town Panchayat, Veerakanur	Member
4	Inspector of Police, Thalaivasal/Veeraganur.	Member
5	Assistant Engineer, TANGEDCO, Deviyakurichi	Member
6	Block Medical Officer, Thalaivasal	Member
7	Assistant Elementary Education Officer, Thalaivasal.	Member
8	Veterinary Surgeon, GH, Thalaivasal	Member
9	Block Educational Officer, Thalaivasal	Member



## **School Safety Policy:**

The National Disaster Management Authority has formulated the National Disaster Management Guidelines on School Safety Policy-2016 with a vision of Safety of School Children. The Principal Secretary/ Commissioner of Revenue Administration has instructed to form a School Safety Advisory Committee at district level to implement the National Disaster Management Guidelines on School Safety Policy -2016 and to take measures to comply with the direction of Hon'ble Supreme Court's order in W.P.No.483 of 2004.

Accordingly the district level school safety advisory committee has been formed vide District Collectors Proc.Roc.754404/2023/DM Dated: 18.06.2023.

**Proceedings of The District Collector, Salem**

**Present: Thiru. S. Karmegam, I.A.S.,**

**Roc. No.754404/2023/DM**

**Dated: 18.06.2023**

**Sub: Disaster Management** – Guidelines on School Safety Policy-2016 - with a vision of Safety of School Children - implementation of the Guidelines on School Safety Policy, 2016 prepared by NDMA - Formation of Salem District School Safety Advisory Committee - orders issued.

**Ref:** 1) National Disaster Management Authority Guidelines on School Safety Policy-2016  
2) Monsoon – 2023 preparedness and Inter Department Meeting Date: 03.06.2023.

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**ORDER:**

The Additional Chief Secretary / Commissioner of Revenue Administration has instructed in the ref 2<sup>nd</sup> cited to form a School Safety Advisory Committee at district level to implement the National Disaster Management Guidelines on School Safety Policy -2016 and to take measures to comply with the direction of Hon'ble Supreme Court's order in W.P.No.483 of 2004.

Accordingly, the School Safety Advisory Committee is constituted to implement and execute the School Safety Policy in respect of Salem district.

**Salem District School Safety Advisory Committee**

<b>Sl. No.</b>	<b>Officer</b>	<b>Post in School Safety Advisory Committee</b>
1.	District Collector, Salem	Chairman
2.	Commissioner of Corporation	Member
3.	Additional Collector, Development, Salem.	Member
4.	Commissioner of Police, Salem City.	Member
5.	Superintendent of Police, Salem District	Member
6.	District Revenue Officer, Salem.	Member
7.	Regional Director, Municipal Administration, Salem.	Member
8.	Superintending Engineer, TANGEDCO, Salem.	Member
9.	Superintending Engineer, TANGEDCO, Mettur	Member
10.	Chief Educational Officer, Salem.	Member
11.	Personal Assistant (General) To Collector, Salem.	Member
12.	Revenue Divisional Officer, Mettur.	Member
13.	Revenue Divisional Officer, Salem.	Member
14.	Revenue Divisional Officer, Attur.	Member
15.	Revenue Divisional Officer, Sankari.	Member
16.	Principal, DIET, Salem.	Member
17.	District Educational Officer, Salem.	Ex Officio Member
18.	District Educational Officer, Salem Urban.	Ex Officio Member
19.	District Educational Officer, Attur.	Ex Officio Member
20.	District Educational Officer, Sankari.	Ex Officio Member
21.	District Educational Officer, Edappady.	Ex Officio Member
22.	Regional Officer/ Joint Secretary, CBSE, Chennai.	Member
23.	District Officer, Fire & Rescue Services, Salem.	Member
24.	Assistant Director (Panchayats), Salem.	Member
25.	Assistant Director (Town Panchayats), Salem.	Member
26.	Deputy Director (Health Services), Salem.	Member
27.	Executive Engineer, PWD (irrigation)	Member
28.	Executive Engineer, PWD (Buildings)	Member
29.	All Regional Transport Officers, Salem District	Member
30.	All Tahsildars, Salem District.	Members

### **Duties and Responsibilities of the Committee.**

- ❖ The Committee should meet periodically and establish a mechanism for monitoring safety parameters of all the schools on a regular basis following the guidelines stated in “National Disaster Management Guidelines-School Safety Policy” which can be downloaded from NDMA website [www.ndma.gov.in/ en / ndma-guidelines.html](http://www.ndma.gov.in/en/ndma-guidelines.html).
- ❖ The Committee should ensure adequate safety measures in Schools such as checking up Electrical connections, installations, cleaning and closing of open drains, Pits, Pruning of branches of trees, Cleaning of clogged drains in the terraces, clering of stair cases, identifying weak and dilapidated structures and strictly avoiding them and educate Do’s and Don’ts to students on all aspects of safe health, security to life etc.,
- ❖ The committee has to perform all requisite actions for Strengthening School Safety and provide safe learning environment for children.
- ❖ Appoint technical agencies to advice schools on local adaptations based on local conditions on norms of school safety.
- ❖ Establish a mechanism for monitoring safety parameters in all schools on a regular basis. Any existing monitoring formats being used by the authorities shall essentially include parameters on school safety.
- ❖ Ensure school safety concerns are included in the DDMP.
- ❖ Appoint technical agencies to advise schools on local adaptations in school design based on local conditions, in line with national and state norms on school safety.
- ❖ Issue Recognition certificate under sub rule (4) 15 of Right of children to Free and Compulsory Education Rules, 2010 to only those schools that comply with safety norms prescribed by the state.
- ❖ Review progress on structural non-structural safety measures in schools.
- ❖ DIETs should also directly train teachers on safety aspects as part of their pre-service training programmes.
- ❖ Evolve a mechanism for monitoring safety parameters in all schools on a regular basis. Any existing monitoring formats being used by the authorities shall essentially include parameters on school safety.

(School Safety Policy guidelines-2016 may be downloaded from NDMA website [www.ndma.gov.in/en/ndma-guidelines.html](http://www.ndma.gov.in/en/ndma-guidelines.html)).

**National Disaster Response Force (NDRF) activity with School Safety Advisory Committee conducted in various schools in Salem District.**  
**Government Higher Secondary School, Jagir Ammapalayam on**  
**02.11.2023**





**Government Model Higher Secondary School, Jari Kondalampatty,  
Salem South Taluk on 06.11.2023**



**Government Higher Secondary School, Kamaickenpatty, Omalur  
Taluk on 09.11.2023**





**Government Boys Higher Secondary School,  
Kamanaickenpatti, Omalur Taluk.**



**Government Boys Higher Secondary School, Free First Aid  
kit Value Rs.20,000/- Given By NDRF Team  
Kamanaickenpatti, Omalur Taluk.**



**Proceedings of the District Collector, Salem**

**Present: Thiru. S. Karmegam, I.A.S.,**

Roc.No.754404/2023/DM

Dated: 18.06.2023

Sub: Disaster Management–Salem District–South West and North East Monsoon 2023 – Appointment of Mobile team to undertake activities of Preparedness, Rescue, Relief and immediate Restoration in High vulnerable areas – order issued.

Ref: Monsoon – 2023 preparedness and Inter Department Meeting Date: 03.06.2023.

====

**ORDER:**

In order to undertake the activities of Preparedness, Rescue, Relief and Immediate Restoration in Seven High Vulnerable areas of Salem District with respect to South West and North East Monsoon – 2023 following Mobile teams are appointed.

In addition to above activities the Mobile teams are responsible for following activities.

- 1) Early warning
- 2) Search and Rescue Evacuation
- 3) First aid
- 4) Shelter and Relief (Food, Water and Sanitation)
- 5) Transports arrangements in Taluks

The Mobile teams are instructed to periodically visit the High vulnerable areas and act in a coordinated way. They should undertake Mitigation relief and rescue operations during Monsoon periods and report to Nodal Officers of respective High Vulnerable areas and also report to District Emergency Operation Centre.

**Appointment of Mobile team for High Vulnerable Areas**

<b>Sl. No</b>	<b>High Vulnerable Area 3-5 feet water level</b>	<b>Mobile Team/ Officer &amp; Designation</b>	<b>Department</b>	<b>Mobile Number</b>
1)	Chinneri Vayakadu	1) Zonal Deputy Tahsildar (Salem West)	Revenue	9384094163
		2) Assistant Engineer Suramangalam Zonal Office	Salem Corporation	9941171273
		3) Sub Inspector, Pallapatty Police Station. Salem West.	Police	9498167009
		4) Head Constable, Pallapatty Police Station, Salem West.		9092666109
		5) Station Officer, Salem.	Fire & Rescue	9443809643
		6) Divisional Engineer, Salem.	Highways	9443340262
		7) Assistant Engineer, Salem.	TANGEDCO	9445852335
		8) Sanitary Inspector, Salem West.	Health	7010043104
2)	Konerikarai	1) Zonal Deputy Tahsildar, Salem West.	Revenue	9384094163
		2) Assistant Engineer Suramangalam Zonal Office	Salem Corporation	9941171273
		3) Sub-Inspector, Suramangalam Police Station, Salem West.	Police	6379972670
		4) Head Constable, Suramangalam Police Station, Salem West.		9498115192
		5) Station Officer, Salem.	Fire & Rescue	9443809643
		6) Divisional Engineer, Salem.	Highways	9443340262
		7) Assistant Engineer, Meyyanur, Salem West.	TANGEDCO	9445852331
		8) Sanitary Inspector, Salem West.	Health	7010043104
3)	Sivathapuram	1) Zonal Deputy Tahsildar, Salem West.	Revenue	9384094163
		2) Sanitation Officer, Sivathapuram, Suramangalam Zonal Office.	Salem Corporation	9600516123
		3) Sub-Inspector, Kondalampatty, Police Station.	Police	8300051020

		4) Head Constable, Kondalampatty, Police Station,		9498154839
		5) Station Officer, Salem.	Fire & Rescue	9443809643
		6) Assistant Divisional Engineer, Sivathapuram, Salem West.	Highways	9443142058
		7) Assistant Engineer, Sivathapuram, Salem West.	TANGEDCO	9445852341
		8) Medical Officer, Sivathapuram, Salem West.	Health	7598130884
4)	1.Panankadu 2.Kattur Parisalthurai 3.Kottamedu (Kaveri Basin Poolampatty River)	1) Zonal Deputy Tahsildar, Edapady	Revenue	7667735372
		2) Deputy Block Development Officer, Edapady.	Rural Development	7402904314
		3) Sub-Inspector, Poolampatty Police Station, Edapady.	Police	9498167251
		4) PC - 2271, Poolampatty Police Station, Edapady.		9940491248
		5) Station Officer, Edapady	Fire & Rescue	9445086388
		6) Assistant Engineer, Edapady.	Highways	9443384059
		7) Assistant Engineer, Edapady.	TANGEDCO	9445851824
		8) Block Health Supervisor, Primary Health Center, Chittur.	Health	8610383080
5)	Anna Nagar, Periyar Nagar, Thangamapuri pattinam, P.N.Patty.	1) Zonal Deputy Tahsildar, Mettur	Revenue	9994844984
		2) Town Planning Inspector, Mettur Municipality.	Mettur Municipality	9445417458
		3) Sub-Inspector, Mettur Police Station, Mettur.	Police	9498167846
		4) PC – 2388 Mettur Police Station, Mettur.		9498118387
		5) Station Officer, Mettur.	Fire & Rescue	9445086382
		6) Additional Divisional Engineer, Mettur.	Highways	9443770157
		7) Assistant Engineer, Mettur.	TANGEDCO	9445442425

		8) Regional Medical Officer, Mettur	Health	9842363812
6)	Mettur to Poolampatti Road, Kolnaickenpatti village, (Erikadu)	1) Zonal Deputy Tahsildar, Mettur	Revenue	9994844984
		2) Assistant Engineer, Mettur Municipality	Mettur Municipality	9894807886
		3) Sub-Inspector, Police Station, Mettur.	Police	9498167846
		4) PC - 2388 Police Station, Mettur.		9498118387
		5) Station Officer, Mettur.	Fire & Rescue	9445086382
		6) Additional Divisional Engineer, Mettur.	Highways	9443384059
		7) Assistant Executive Engineer, Mettur.	TANGEDCO	9445442423
		8) Medical Officer, Mettur	Health	9443943897
7)	Kaveripatti Agraharam Padithurai	1) Zonal Deputy Tahsildar Sankari.	Revenue	8072614110
		2) Block Development Officer, Sankari	Rural Development	7402040999
		3) Sub-Inspector, Police Station, Thevur	Police	9498167328
		4) Grade-1-323, Thevur Police Station,		9498106863
		5) Station Officer, Sankari	Fire & Rescue	9445086385
		6) Assistant Engineer, Edapady.	Highways	9443384059
		7) Assistant Executive Engineer, Sankari.	TANGEDCO	9445442423
		8) Health Inspector, GH, Thevur.	Health	9486016699



**National Disaster Response Force visit to Vulnerable locations.**  
**Place: Panankadu, Poolampatty Firka, Edappady Taluk on**  
**03.11.2023**



**Place: Kattur Parisal Thurai, Kottamedu, Poolampatty Firka,**  
**Edappady Taluk on 03.11.2023**



**Place: Kaveripatty Agraharam Padithurai, Thevur Firka,**  
**Sankari Taluk on 04.11.2023**





### **Village/Ward Level Disaster Management Committee:-**

The coastal districts bear the brunt of the monsoon and hence to have a better community involvement in disaster management, Village/Ward level Committees are formed. This Committee of First Responders is perhaps the most important to be formed and the District Collector directly takes care to put in place a balanced committee with good representation. Every disaster requires total involvement and wholehearted cooperation of the village/ward level citizens. The Panchayat, VAO, local institutions, NGOs, youth clubs and the like will be encouraged by the administration to be involved in the event of an emergency. The first responders are trained to make the communities strong and vibrant in proactively tackling the disasters.

### **District Disaster Management Hand Book:-**

The hand book containing telephone numbers and mobile numbers of the officials who are engaged in the disaster relating works has been prepared. The phone numbers of officials has also been updated in district website.

A separate palm size book carrying the details of first responders has also been prepared and circulated to all concerned.

### **India Meteorological Department (IMD):-**

India Meteorological Department (IMD) monitors meteorological / weather, information / bulletins, warning, announcements and continuously communicates with disaster managers for preparedness. The meteorological department undertakes observations, communications, forecasting and weather information services. During the cyclone and flood seasons, the State Government keeps close contact with the Regional Meteorological Centre for weather related forecasts. Earthquakes occurring in the state which is of magnitude 3.0 and above on the Richter scale are also reported and bulletins issued by the IMD to the State Government.

**CHAPTER - IV**  
**DISASTER PREPAREDNESS**



**LIST OF VULNERABLE AREAS IN SALEM DISTRICT**

**1) Very High Vulnerable Area More than (5 feet water level)**

**NIL**

**2) High Vulnerable Area (3-5 feet water level)**

<b>Sl. No</b>	<b>Vulnerable Area</b>	<b>Concern Local Body</b>	<b>Taluk</b>	<b>Relief Center</b>	<b>Nodal Officer for preparedness, Relief, Rescue Operations</b>
1	Chinneri Vayakkadu	Salem Corporation	Salem West	1.St.Marys Higher Sec.School, Arisipalayam 2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Revenue Divisional Officer, Salem.
2	Konerikarai	Salem Corporation	Salem West	1. Equitas Gurkul Matric School, Kandampatti. 2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Revenue Divisional Officer, Salem.
3	Sivathapuram	Salem Corporation	Salem West	1. Corporation Middle School, Sivathapuram. 2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Assistant Commissioner Suramangalam Zone.
4	1.Panankadu	1) E.O Town Panchayat Poolampatty	Edappady	1) Govt. Hr.Sec. School, Poolampatty 2)PUES, Poolampatty	Revenue Divisional Officer, Sankari.
	2.Kattur Parisalthurai 3.Kottamedu (Kaveri Basin Poolampatty River)	2) Edappady Panchayat	Edappady	3)Govt.High.School, Nedungulam 4)PUES,Nedungulam	
5	Anna Nagar, Periyar Nagar, Thangamapuri pattinam, P.N.Patty.	Mettur Municipality	Mettur	Municipality Primary School Thangamapuri pattinam,	Revenue Divisional Officer, Mettur.

6	Mettur to Poolampatti Road, Kolnaickenpat-ti village, (Erikadu)	Kolathur Panchayat.	Mettur	Municipality Primary School Thangamapuri pattinam,	Revenue Divisional Officer, Mettur.
7	Kaveripatti Agraharam Padithurai	Sankari Panchayat.	Sankari	Parvatha Rajakula Thirumana mandapam, Kaveripatti	Assistant Director, Panchayat, Salem.

### **3) Moderate Vulnerable Area (2-3 feet water level)**

<b>Sl. No</b>	<b>Vulnerable Area</b>	<b>Concern Local Body</b>	<b>Taluk</b>	<b>Relief Center</b>	<b>Nodal Officer for preparedness, Relief, Rescue Operations</b>
8	Agaram Colony (Gate Kadu)	Salem Corporation	Salem South	Agaramahal Kalyana Mandabam Annathanapatty	District Adi Dravidar and Tribal Welfare Officer, Salem.
9	KP Karadu (Annathanapatty) Rock falls due to Rain and soil erosion	Salem Corporation	Salem South	Jayarani Metriculation School, Nethimedu	Assistant Commissioner, Kondalampatty
10	Uthumalai Karadu (Seelanaikenpatty) Rock falls due to Rain and soil erosion	Salem Corporation	Salem South	Deva Kalyana Mandabam, Thalaimalai Nagar	Assistant Commissioner, Kondalampatty.
11	Ammbal Eri Amman Nagar	Salem Corporation	Salem South	Arunattu Vellalar Kalyana Mandabam, Velu Nagar	Personal Assistant to Collector (Elections), Salem
12	Pachapatti Arumugam Nagar, Ashok Nagar, Astalakshmi Nagar	Salem Corporation	Salem	Corporation middle school.Pavadi	District Backward and Minority Welfare Officer, Salem.



13	Annamar Koil Bridge, (Thevoor)	Town Panhayat, Thevoor	Sankari	Government Community Hall, pullagoundam patty	Assistant Director, Town Panchayat, Salem.
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**4) Less Vulnerable Area (below 2 feet water level)**

<b>Sl. No</b>	<b>Vulnerable Area</b>	<b>Concern Local Body</b>	<b>Taluk</b>	<b>Relief Center</b>	<b>Nodal Officer for preparedness, Relief, Rescue Operations</b>
14	Rail Nagar	Salem Corporation	Salem West	1. Neelambal Higher Sec. School, Old Suramangalam 2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Inspection Cell Officer, Salem.
15	Ramalinganagar	Salem Corporation	Salem West	1. Ramalinga Vallalar Higher Sec. School, Old Suramangalam 2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	Special Deputy Collector (Stamps), Salem.
16	Seenivasanagar	Salem Corporation	Salem West	1. Sri Ramakrishna Saradha Higher Sec. School, Bodinaickenpatti, 2. Semi Permanent Covid Care Centre & District Disaster Relief Shelter, Steel Plant Campus, Salem – 636 013	District Supply Officer, Salem.
17	Dhathubaikuttai area and MM Road	Salem Corporation	Salem	Municipal Girls. Hr Sec School, Gugai.	District Manager, TASMAL.
18	Narayana Nagar	Salem Corporation	Salem	Corporation middle School, Pavadi.	Special Deputy Collector (SSS), Salem.

19	Ward-5, MGR Nagar, NVN Nagar	Narasingapuram Municipality	Attur	RC.School Attur.	Revenue Divisional Officer, Attur.
20	Ward-10 Paneerselvam Street, Kailasanathar Street	Attur Municipality	Attur	RC.School Attur.	Revenue Divisional Officer, Attur.
21	Indra Nagar	Valappady town Panchayat	Valappady	Govt boys hr sec school valapadi.	Project Officer, Tribal Welfare Officer, Salem
22	MGR Nagar, Mathayankuttai, Indira Nagar, Thukanampatti, Mettur Town, Navapatti Village.	Mettur Municipality	Mettur	Pappammal Thirumana mandapam	Revenue Divisional Officer, Mettur.
23	1. Kombaikadu Navithan Kuttai 2. Kombaikadu Poomaniyur	Edappady Panchayat	Edappady	Nedungulam 1. GH, School, Nedungulam 2. PUES, Poomaniyur Nedungulam	Revenue Divisional Officer, Sankari.

### **Vulnerability Mapping:**

**23** Maps have been prepared for all vulnerable areas along with vulnerability analysis to depict the vulnerable areas in rural and urban areas. Vulnerable maps for all taluks, divisions and district as a whole have also been prepared. Analysis of the vulnerability and its magnitude in the areas identified, along with details of escape route to the nearest relief center are all incorporated in the vulnerability map.

### **Appointment of Nodal officers and Inter departmental committees for Pre-Inspection and Monitoring:**

The Inter Department Zonal teams led by Revenue Authority as nodal officers comprising representatives from Police, Fire services, Forest department, Agriculture, Rural Development Department, etc., have been formed for all 23 vulnerable areas and inter departmental committees at taluk levels have also been formed . An additional mobile team for high vulnerable areas has been formed too. Necessary training has been given to all these teams and they have visited their respective vulnerable areas.

**VULNERABLE AREA**

VULNERABLE PLACE : KONERIKARAI  
 VILLAGE : KANTHAMPATTY  
 TALUK NAME : SALEM WEST  
 DISTRICT : SALEM

Details of Area Vulnerability Area						
Type of vulnerability in the area	Details of the area	Inundation details Water level( Ft. No. of days)	Source of flood	Name of Relief centres	Street to be used escape to relief Centre	Distance to relief centre (in Km)
High Vulnerable	Konerikarai	3-5 Feet, water level	odal	Relief Centre Konerikarai	Sidhar Kovil Road	1.6 KM

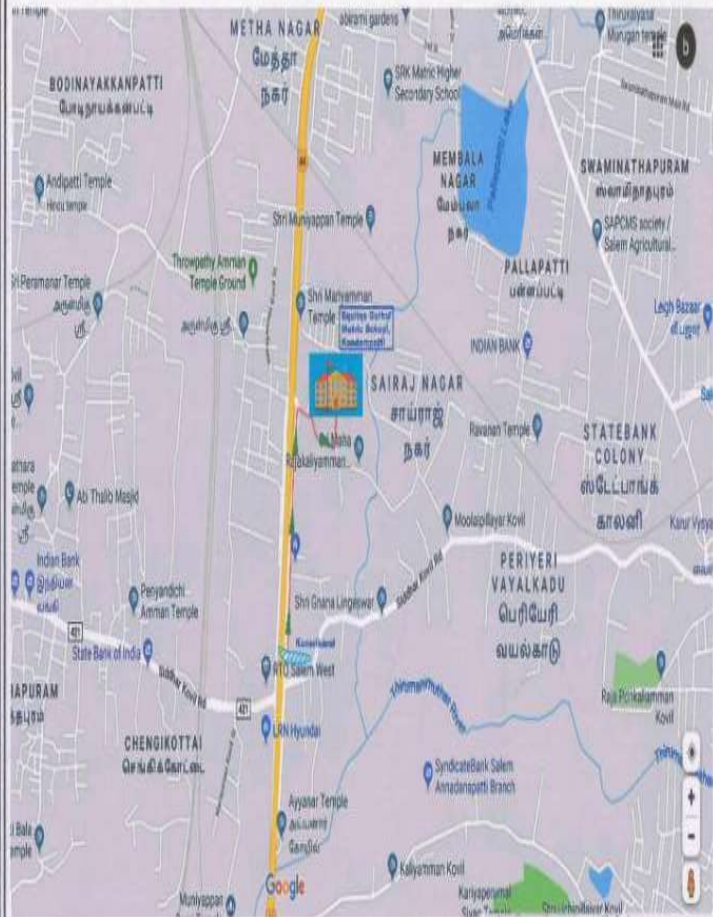
**ii. Details of Contacts**

Name and Designation Of The Contact Person		Contact No.
Name of the Nodal Officer	Revenue Divisional officer salem	9445000433
Name of the Inter Department Team Leader	Assistant Commissioner Suramangalam Zone	9442104146
Nearest Police Station	Assistant Commissioner of Police L & O, West Range Salem City	9490167110
Nearest Fire and Rescue Station	Station Officer Suramangalam	9445086380
Name Of the Taluk	Salem West Taluk Office	0427 2335611

சென்னை  
 மதுரை மாநகராட்சி (கி.மீ.)  
 மதுரை: சி. சிற்றூரகம்.  
 சென்னை.

சென்னை மாநகராட்சி  
 சென்னை மாநகராட்சி  
 சென்னை மாநகராட்சி

**DETAILS OF VULNERABLE AREA - KONERIKARAI SALEM WEST TALUK**



சென்னை  
 மதுரை மாநகராட்சி (கி.மீ.)  
 மதுரை: சி. சிற்றூரகம்.  
 சென்னை.

சென்னை  
 மதுரை மாநகராட்சி (கி.மீ.)  
 மதுரை: சி. சிற்றூரகம்.  
 சென்னை.

**HIGH VULNERABILITY AREA**  
**RELIEF CENTRE**



**VULNERABLE AREA**

VULNERABLE PLACE : **SIVADHAPURAM**  
 VILLAGE : **SIVADHAPURAM**  
 TALUK NAME : **SALEM WEST**  
 DISTRICT : **SALEM**

Details of Area Vulnerability area						
Type of vulnerability in the area	Details of the area	Inundation details Water level(1) No. of days	Source of flood	Name of Relief centres	Street to be used escape to relief Centres	Distance to relief centre (in Km)
High Vulnerable	Sivadhapuram	3-4 Feet, water level	Lake	Corporation Middle School Sivadhapuram	Siddhar Kaval Main Road	1 Km

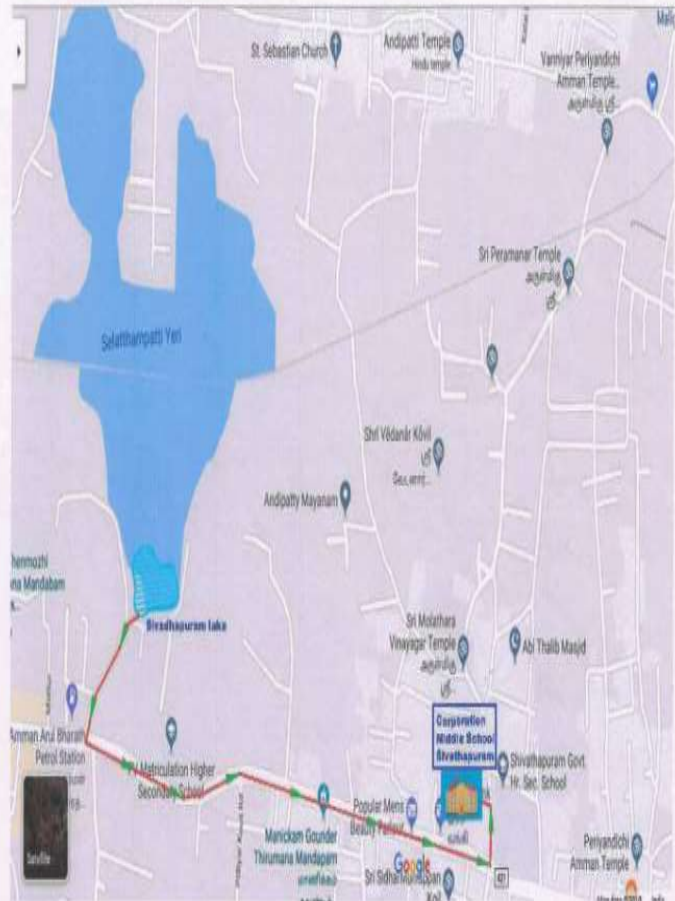
**II.Details of Contacts**

Name and Designation Of The Contact Person		Contact No.
Name of the Nodal Officer	Assistant Commissioner Suramangalam Zone	9442104140
Name of the Inter Department Team Leader	Divisional Engineer Highways Salem	9443183846
Nearest Police Station	Assistant Commissioner of Police, South Range Salem City	9498174974
Nearest Fire and Rescue Station	Station Officer Suramangalam	9445086380
Name Of the Taluk	Salem West Taluk Office	0427 2335611

ம.சு.சி.  
 மதுரை வட ஆற்காடு கோட்டை  
 இயக்குநர் அலுவலகம்,  
 சேலம்.

செ. சுவாமிநாதன்  
 வட்டாட்சி இயக்குநர்,  
 சேலம் கோட்டை.

**DETAILS OF VULNERABLE AREA - SIVADHAPURAM  
 SALEM WEST TALUK**



ச. க. சுவாமிநாதன்  
 வட்டாட்சி இயக்குநர்,  
 சேலம் கோட்டை

ச. சுவாமிநாதன்  
 வட்டாட்சி இயக்குநர்,  
 சேலம் கோட்டை

**HIGH VULNERABILITY AREA**  
**RELIEF CENTRE**





## DETAILS OF VULNERABLE AREA - RAMALINGA NAGAR SALEM WEST TALUK



### VULNERABLE AREA

VULNERABLE PLACE : RAMALINGA NAGAR  
 VILLAGE : SURAMANGALAM  
 TALUK NAME : SALEM WEST  
 DISTRICT : SALEM

Details of Area Vulnerability area						
Types of vulnerability in the area	Details of the area	Inundation details Water level( Ft. No. of days	Source of food	Name of Relief centres	Street to be used enroute to relief Centres	Distance to relief centre (in Km)
1	2	3	4	5	6	7
Low Vulnerable	Ramalinga nagar	Below 2 Feet water level	Oral	Relief Centre (Suramangalam)	the Suramangalam Road	800 M

### II. Details of Contacts

Name and Designation Of The Contact Person		Contact No.
Name of the Nodal Officer	Thiru. Munagan Special Deputy Collector (Stamps) Salem	9791414434
Name of the Inter Department Team Leader	Assistant Commissioner Suramangalam Zone	9442104146
Nearest Police Station	Assistant Commissioner of Police L & C, West Range Salem City	9498167110
Nearest Fire and Rescue Station	Station Officer Suramangalam	9445086380
Name Of the Taluk	Salem West Taluk Office	0427 2336611



*(Signature)*  
 ഹരദാസ് എസ്. മുരുകുമാർ (സൂപ്പർ)  
 ഹരദാസ് എസ്. മുരുകുമാർ  
 സീനിയർ ഓഫീസർ

*(Signature)*  
 ഐ. പി. സുബ്ബരത്ന  
 ഐ. പി. സുബ്ബരത്ന  
 സീനിയർ ഓഫീസർ

*(Signature)*  
 ഐ. പി. സുബ്ബരത്ന  
 സീനിയർ ഓഫീസർ

*(Signature)*  
 ഐ. പി. സുബ്ബരത്ന  
 സീനിയർ ഓഫീസർ

LOW VULNERABILITY AREA

RELIEF CENTRE



## DETAILS OF VULNERABLE AREA - SEENIVASA NAGAR SALEM WEST TALUK



### VULNERABLE AREA

VULNERABLE PLACE : **SEENIVASA NAGAR**  
 VILLAGE : **BODINAICKENPATTY**  
 TALUK NAME : **SALEM WEST**  
 DISTRICT : **SALEM**

Details of Areas Vulnerability area						
Type of vulnerability in the area	Details of the area	Inundation details Water level(1) No. of days	Source of flood	Name of Relief centres	Time to be used escape to relief Centre	Distance to relief centre (in Km)
Low Vulnerable	Seenivasa nagar	Below 2 Feet water level	Odai	Seenivasa Nagar High School	15 minutes	1 Km

### II.Details of Contacts

Name and Designation Of the Contact Person		Contact No.
Name of the Nodal Officer	District Supply Officer salem	944500222
Name of the Inter Department Team Leader	Assistant Commissioner Hasthampatty Zone	9443028931
Nearest Police Station	Assistant Commissioner of Police L & D, West Range Salem City	9496167110
Nearest Fire and Rescue Station	Station Officer Salem	9445086381
Name Of the Taluk	Salem West Taluk Office	9427 2335611



*(Signature)*  
 District Supply Officer  
 Salem

*(Signature)*  
 Assistant Commissioner  
 Hasthampatty Zone

*(Signature)*  
 Assistant Commissioner  
 Police L & D, West Range  
 Salem City

*(Signature)*  
 Station Officer  
 Salem

**LOW VULNERABILITY AREA**  
**RELIEF CENTRE**





# DETAILS OF VULNERABLE AREA TO FLOOD

④ I

**VULNERABLE AREA**

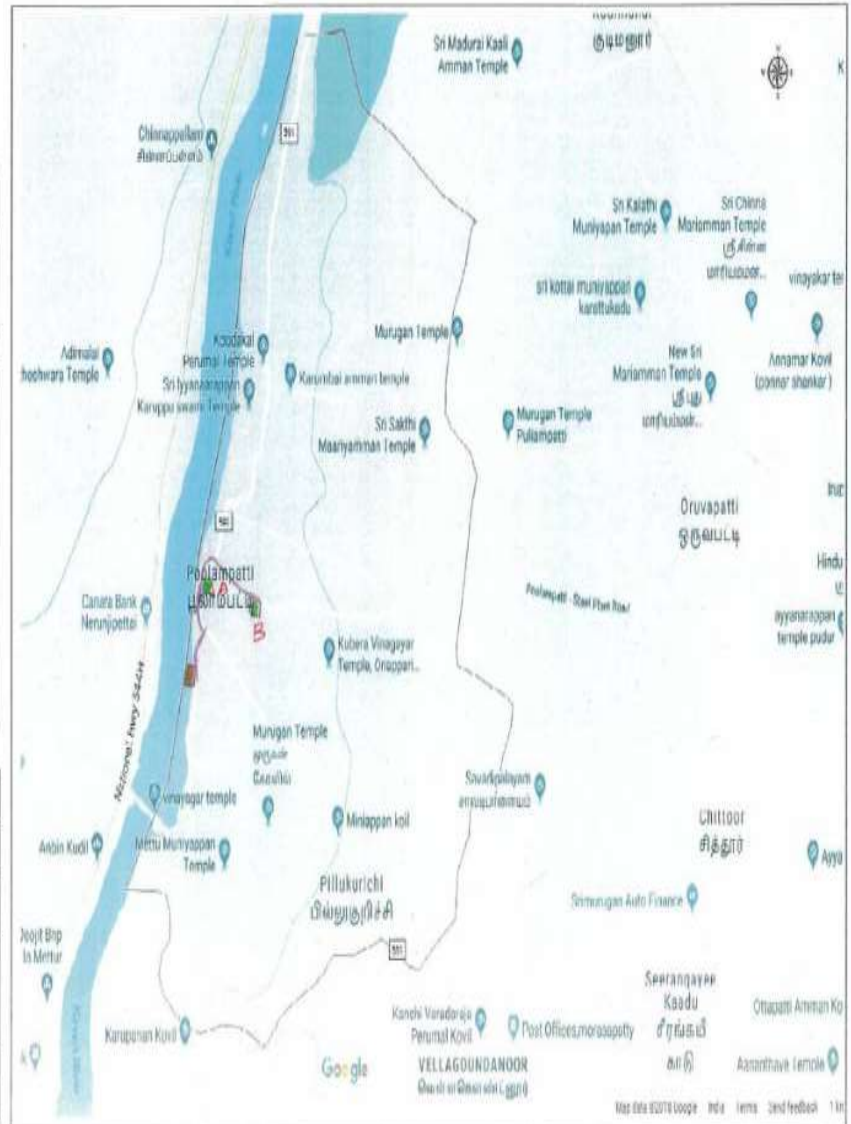
- : 06. POOLAMPATTI
- : PANANKADU
- : POOLAMPATTI
- : EDAPPADY
- : SALEM

**IF VULNERABILITY AREA**

Source of Flood	Name Of Relief Centre's	Street To be Used Escape To Relief Centre's	Distance To relief Centre (In Km)
4	5	6	7
Kaveri River	A) P.PUES Poolampatti	A) 1.Poolampatti - Nedungalam Road	A) 0.50Km
	B) G.H.S. School Poolampatti	2.Edappadi - Poolampatti Road 3.Poolampatti Police Station - Poolampatti Bus Stand (Opp:Relief Centre)	B) 1.50Km
		B) As same above	
		4.Poolampatti - Chikkur Road	

**LIST OF CONTACTS**

Contact Person	Contact no
Shri.T.Ramadurai Murugan, Revenue Divisional Officer, Sankari.	9445000436
Tmt.Valjayanthi, Executive Officer Town Panchayat, Poolampatti.	8883100234
Poolampatti Police Station (Thiru.V.Senthikumar, Sub-Inspector of Police)	Landline:04283-237730
	Mobile No:9478168024
Edappadi Fire Station (Thiru.Munhyappa, Fire Officer)	LandLine:04283-222922
	Mobile No:9445006388
Edappadi (Thiru.V.Raveeran, Tahildar)	LandLine:04283-222227
	Mobile No:9445000556



- High Vulnerability
- Escape Route to relief centre
- Relief centre

TANSI  
 EDAPPADI  
 26.02.2018

**S. Raveeran**  
 FIrka Surveyor  
 Poolampatti FIrka  
 Edappadi Tk

PA to Collector (General) Disaster Management  
 Collectorate Salem





# DETAILS OF VULNERABLE AREA TO FLOOD

A II

### VULNERABLE AREA

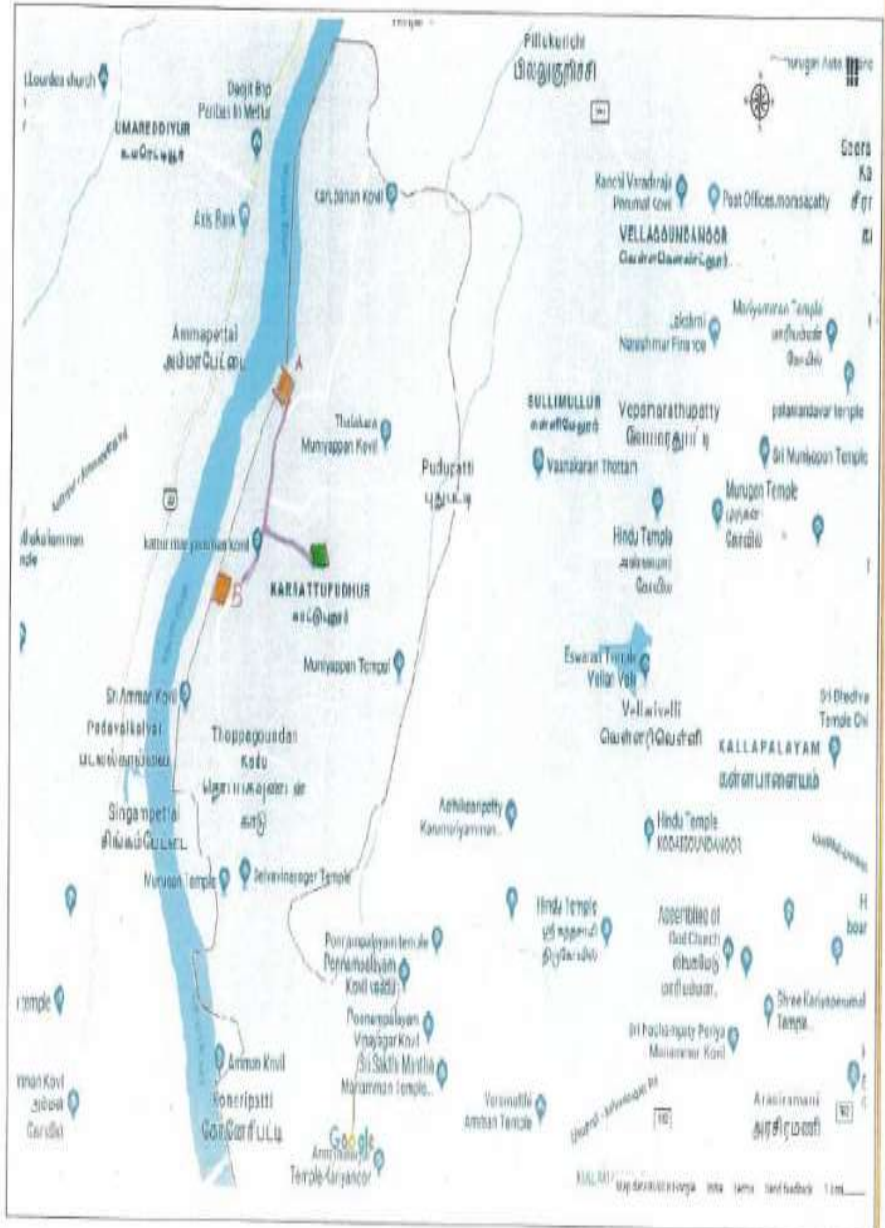
- : 07.NEDUNGULAM
- ACE : 1. KATTUR PARISALDURAI,
- 2. KOTTAIMEDU
- 3. POOLAMPATTI
- 4. EDAPPADY

### IF VULNERABILITY AREA

1	2	3	4
Source of Flood	Name Of Relief Centre's	Street To be Used Escape To Relief Centre's	Distance To Relief Centre (in Km)
4	5	6	7
Kaveri River	Govt.High. School Nedungulam	A) Kattur - Kattattupudhur Road	A) 2.00Km
		B) Kottaimedu - Kattattupudhur Road	B) 1.50Km

### DETAILS OF CONTACTS

Contact Person	Contact no
Hu.T.Ramachandran Munagan, Revenue Divisional Officer, Sankari.	9445009436
Thiru.Sujatha Block Development Officer, Edappadi	7402006764
Poolampatti Police Station (Thiru.V.Senthilkumar, Sub-Inspector of Police)	LandLine:04283-237730 Mobile No:9488168024
Edappadi Fire Station (Thiru.Muniyappa, Fire Officer)	LandLine:04283-222922 Mobile No:9445008368
Edappadi (Thiru.V.Kesavan, Tahsildar)	LandLine:04283-222277 Mobile No:9445000956



- High Vulnerability
- Escape Route to relief centre
- Relief centre

PA to Collector (General) Disaster Management  
 Collectorate Salem.

Firda Surveyor  
 Poolampatti Firda  
 Edappadi Tk



**LS OF HIGH VULNERABLE AREA FOR FLOOD**

**HIGH VULNERABLE AREA**

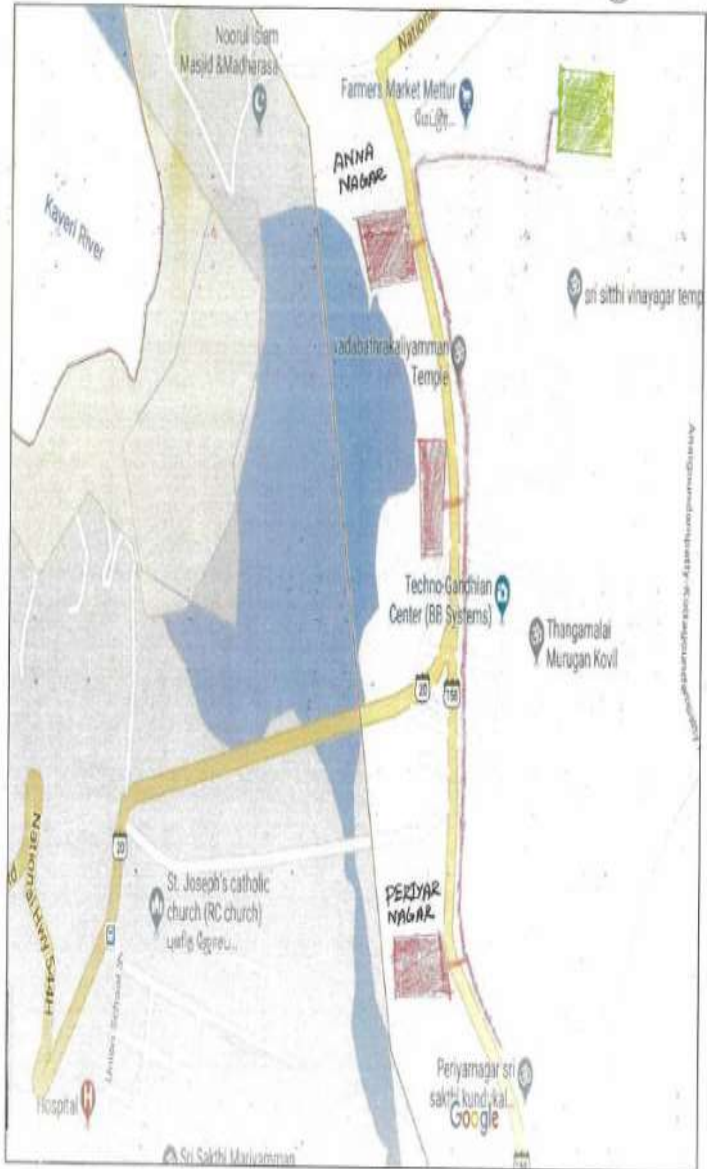
DISTRICT : SALEM  
 TALUK : METTUR  
 FIRKA : METTUR  
 VILLAGE : P.N.PATTI




**DETAILS OF HIGH VULNERABILITY AREA**

INDICATOR DETAILS WATER LEVEL (ft), NO OF DAYS	SOURCES OF FLOOD	NAME OF THE RELIEF CENTER	STREET TO BE USED ESCAPE TO RELIEF	DISTANCE TO RELIEF CENTRE IN KM
WHEN THE WATER FLOW IN METTUR MCEEDS 1 LAKH FEET	KAVERI RIVER	MUPES THANGAMAPURI PATTINAM	METTUR TO SALEM ROAD	0.5 KM
			MARKET STREET	1.0 KM

**II. DETAILS OF CONTACTS**

NAME OF THE CONTACT PERSON	CONTACT NO
Thiru. T. RAMADURAI MURUGAN REVENUE DIVISIONAL OFFICER, METTUR	9445000435
VAO P. N. PATTY KUPPUSAMY	9092848543
KARUMALAIKODDAL PS	9498168363
METTUR FIRE STATION	9445086382
METTUR Thiru. K. ARIVIDAINAMBI	9445000552



-  HIGH VULNERABLE AREA
-  RELIEF CENTER
-  ESCAPE ROUTE TO RELIEF CENTER

*[Signature]*  
 PA to Collector (General) Disaster Management  
 Collectorate Salem

*[Signature]*  
**TABILDAR**  
 METTUR

*[Signature]*  
 P. N. PATTI  
 VAO



## DETAILS OF VULNERABLE TO FLOOD

(7)

**VULNERABLE AREA :-**

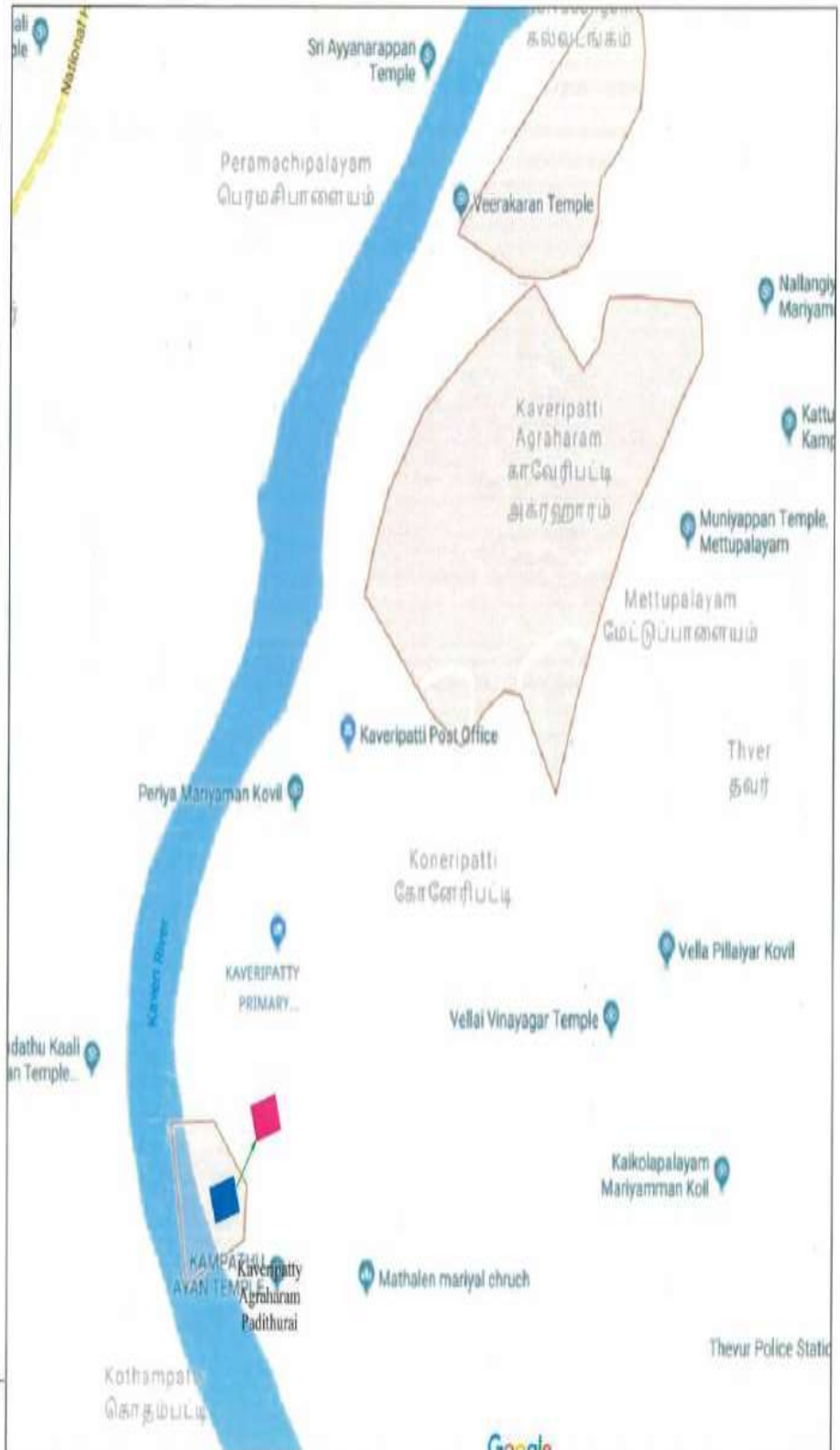
- : 05.KAVERIPATTI AGRAHARAM
- CE : PADITHURAI
- : THEVUR
- : SANKARI
- : SALEM

**DEATILS OF VULNERABILITY AREA**

details of (F) oys.	Source of Flood	Name of Relief Centre's	Street to be used Escape to Relief Centre's	Distance to Relief Centre (In Km)
	4	5	6	7
water from Dam 1.70 SES	Kaveri River	ShriParvathi Rajakala Thirumam mandapam , Kaveripatty	Kaveri patti Senthivar Street	0.50 Km

**II.DETAILS OF CONTACTS**

Name and Designation of the Contact Person	Contact No
Thiru.T.Ramadurai Munagan, Revenue Divisional Officer, Sankari.	944500936
Thiru.Jeyabalan, I.D.O, Town Panchayat, Sankari.	740270604
Thevur Police Station Prakash,Sub-Inspector of Police)	Land line : 04283 232001 Mobile No : 9940921168
Edappati Fire Station (v.Muniyappan,Fire Officer)	Land line : 04283 22922 Mobile No : 9445086388
Sankari (v.K.Arulkumar, Talukdar)	Land line : 04283 240545 Mobile No : 9445008554



  
 PA to Collector (General) Disaster Management  
 Collectorate Salem  
  
 S. Arulkumar  
 20.11.2023





# Details of Areas Vulnerable to Flood (Urban - Ward Level)



## Vulnerable Areas

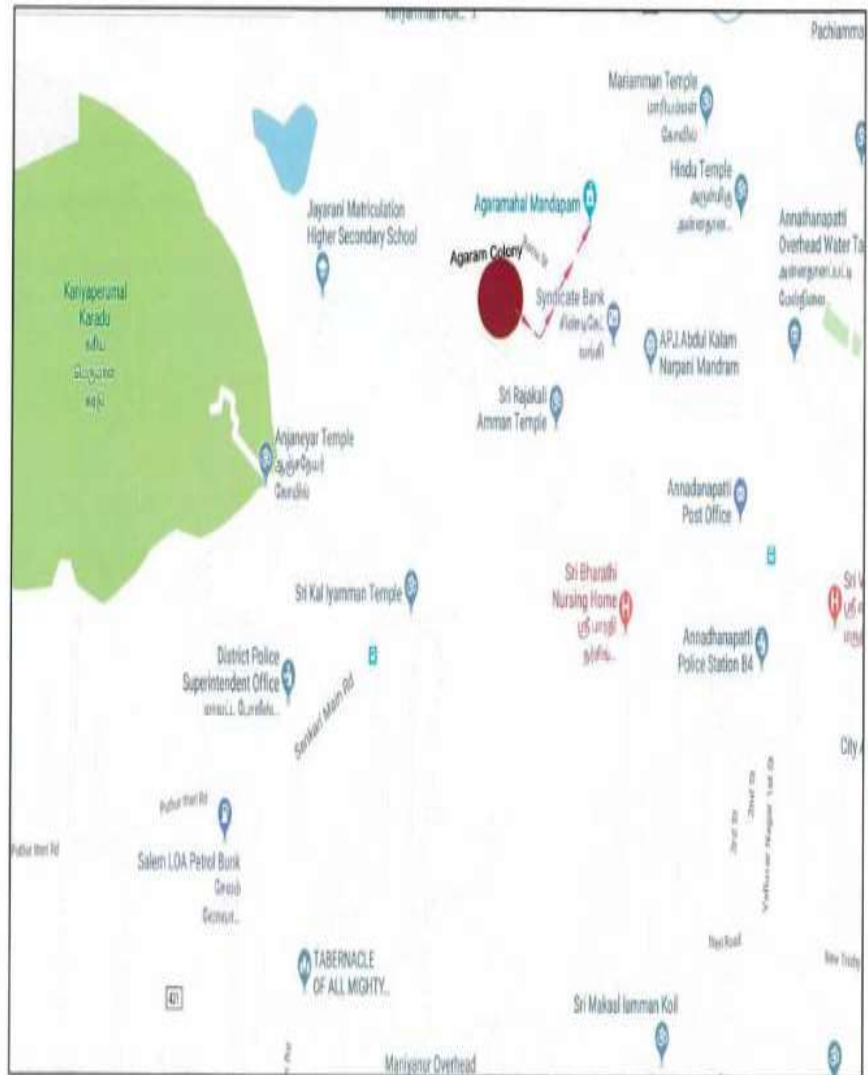
No : 50  
 : Salem Corporation  
 : 4  
 : Salem

### I. Details of Vulnerability Area

Inundation details water level	Source of Flood	Name of Relief centre	Street to be used escape to Relief centre	Distance to Relief centre (in km)
3	4	5	6	7
Below 2 Ft / Two Day	Overflow	Agaramahal Kalyana Mandabam Annathanapatty	Sankari Main Road	0.2 KM

### II. Details of Vulnerability Area

Details.	2. Contact No.
District Backward and Minority Welfare Officer, Salem.	Landline : 0427 2451333 Mobile no : 94454 77849
Assistant Commissioner of Police, South Range, Salem City.	Mobile no : 94981 89802
1. Divisional Engineer High Way Salem.	Mobile no : 94441 57725
2. Assistant Director, Tml.Purithavathi	Mobile no : 94875 56576
Annathanapatty	Landline : 0427 2270513 Mobile no : 94981 00850
Shevapet	Landline : 0427 2211603 Mobile no : 97880 03982
Salem South	Landline : 0427 227600 Mobile no : 95421 06675



Vulnerability Area	Very High Vulnerability (Red)	High Vulnerability (orange)	medium Vulnerability (brown)	Low Vulnerability (Blue)
Escape Route	Dark green	Yellow	Rose	Violet

Collector (General) Disaster Management

ps - Ru... and not more than 3 location in each map alone to be marked. if more than 3 location in the Firka, additional maps to be prepared according to the numbers. (P.T.O)



# Details of Areas Vulnerable to Flood (Urban - Ward Level)

9



## Vulnerable Areas

No : 50  
 : Salem Corporation  
 : 4  
 : Salem

### I. Details of Vulnerability Area

Inundation details water level	Source of Flood	Name of Relief centre	Street to be used escape to Relief centre	Distance to Relief centre (in km)
3	4	5	6	7
Below 2 Ft / Two Day	Rock falls due to Rain and Soil erosion	Jayarani Metriculation School, Nethimedu	Sandaipet main road	0.50 KM

### II. Details of Vulnerability Area

1. Details	2. Contact No.
Assistant Commissioner Kondalampaty	Landline : 0427 24616
Thiru Munugan Station Officer Wing - 2	Mobile no : 94450 86377
1. Dr. Chithrabhavan, Medical Officer	Mobile no : 9849 73007
2. Tmt. Isakvani, Nurse	Mobile no : 94437 14678
3. Thiru Venkatesh, Pharmacist	Mobile no : 96523 11752
4. Thiru Murusamy Forest Officer, Yercaud	Mobile no : 94430 88936
5. Sheikh Mohamed Ali IRCS	Mobile no : 96002 50011
6. Arocyaraj, Swimmers	Mobile no : 96650 48758
7. Lara, Snake Catcher	Mobile no : 96931 48664
Annathanapathy	Landline : 0427 2270513 Mobile no : 94981 00850
Shevapet	Landline : 0427 2211603 Mobile no : 97880 03682
Salem South	Landline : 0427 227800 Mobile no : 95421 06675



Vulnerability Area	Very High Vulnerability (Red)	High Vulnerability (orange)	medium Vulnerability (brown)	Low Vulnerability (Blue)
Escape Route	Dark green	Yellow	Violet	Rose

Collector (General) Disaster Management  
 Collectorate Salem.

is - Rural Areas - Firka wise and not more than 3 location in each map alone to be marked. If more than 3 location in the Firka, additional maps to be prepared according to the numbers. (P.T.O)



# Details of Areas Vulnerable to Flood (Urban - Ward Level)



10

## Vulnerable Areas

No : 60  
 : Salem Corporation  
 : 4  
 : Salem

I. Details of Vulnerability Area				
Inundation details water level	Source of Flood	Name of Relief centre	Street to be used escape to Relief centre	Distance to Relief centre (in km)
3	4	5	6	7
Below 2 Ft / Two Day	Overflow	Deva Kalyana Mandabam Thalaimanai nagar	Salem To Mudurai Service Road	0.50 KM

II. Details of Vulnerability Area	
Details	2. Contact No.
Assistant Commissioner Kondalampatty	Landline : 0427 24616
Head Constable of Police, Thiru. Vijayakumar No 552	Mobile no : 94981 66138
Head Constable of Police, Thiru Saravanan	Mobile no : 94981 66802
Annathanapathy	Landline : 0427 2270513 Mobile no : 94981 00950
Shevapet	Landline : 0427 2211603 Mobile no : 97880 03982
Salem South	Landline : 0427 227600 Mobile no : 95421 06075



Vulnerability Area	Very High Vulnerability (Red)	High Vulnerability (orange)	medium Vulnerability (brown)	Low Vulnerability (Blue)
Escape Route	Dark green	Yellow	Violet	Rose

Disaster Management  
 torate Salem.

ps - Rural Areas - Firka wise and not more than 3 location in each map alone to be marked. If more than 3 location in the Firka, additional maps to be prepared according to the numbers. (P.T.O)





# Details of Areas Vulnerable to Flood (Urban - Ward Level)

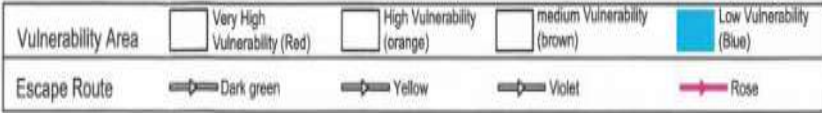


## erable Areas

No : 60  
 : Salem Corporation  
 : 4  
 ct : Salem

I. Details of Vulnerability Area				
3	4	5	6	7
Inundation details water level	Source of Flood	Name of Relief centre	Street to be used escape to Relief centre	Distance to Relief centre (in km)
1) Below 2 Ft/ Two Day	Overflow	Arunattu Velalar Kalyana Mandabam Velu nagar	Parasakthi Nagar	0.70 KM

II. Details of Vulnerability Area	
1. Details.	2. Contact No.
Deputy Director, Mines	Landline :
Inspector of Police, Thiru.Kumar	Mobile no : 94981 07309
S.I. Thiru.Srinivasan	Mobile no : 81225 00996
Head Constable of Police, Thiru.Manikandan No.1566	Mobile no : 94681 6684
Annathanapathy	Landline : 0427 2270513 Mobile no : 94981 00850
Shevapet	Landline : 0427 2211603 Mobile no : 97880 03982
Salem South	Landline : 0427 227600 Mobile no : 95421 06675



aps - Rural Areas - Firka wise and not more than 3 location in each map alone to be marked. If morethan 3 location in the Firka, additional maps to be preparedaccording to the numbers. (P.T.O)



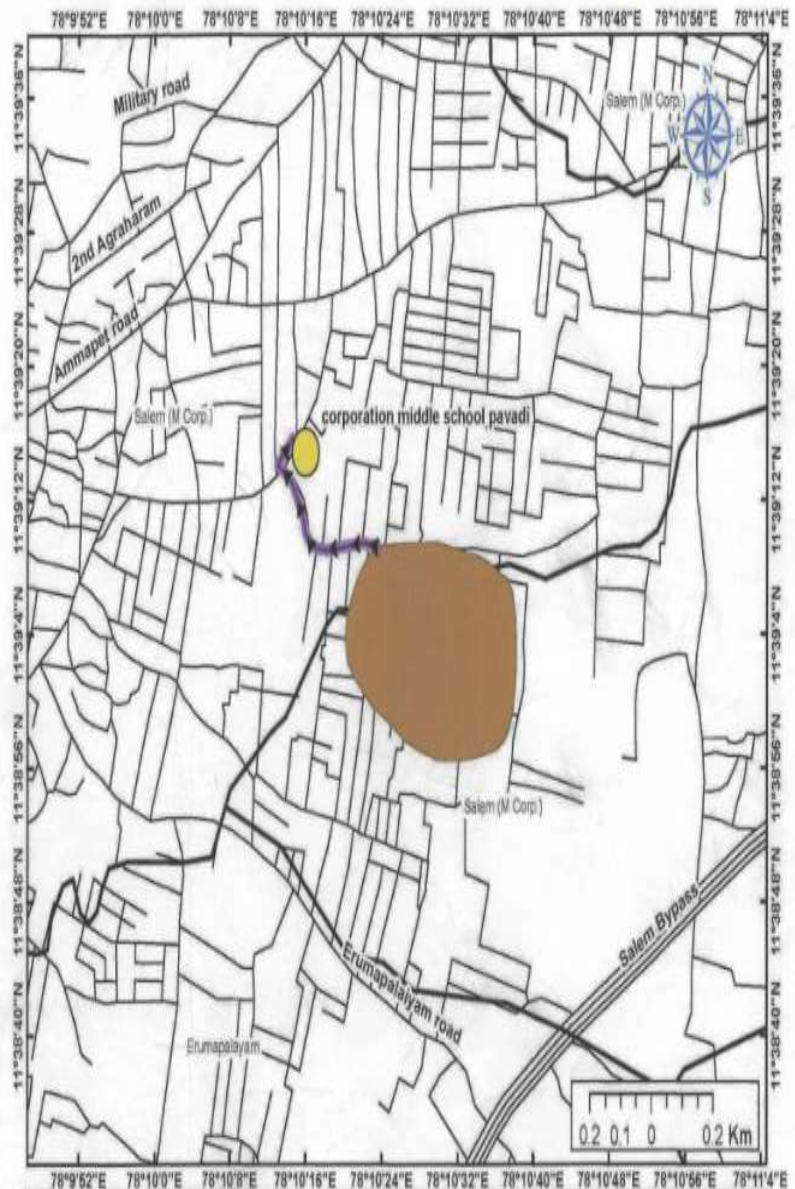
# Details of vulnerable area to flood (Urban - Ward level)

## Vulnerable area

Ward No : 40  
 Block : Salem corporation  
 Zone : 3  
 District : Salem

I.Details of Vulnerability area					
Type of Vulnerability to be done	Date of the risk	Location (Latitude and Longitude of the place)	Extent of Flood	No of Buildings/Corps	How to be safe (ways to avoid water)
Nature of Vulnerability	Amount Type, Flood Sign, Inundation Type, etc.	Date (Year, Day, Month)	Overflow	One	Partially inundated
					Other

II.Details of Contacts		
Name of Contact Details (1)		Contact No (2)
Name of the Ward Officer	1.Thiru Saravanan District Adiravidar welfare officer Salem.	Mobile No: 9947341166
Name of the ward department head/leader	1.Thiru.A.R.A.Jayaram Asst. Commissioner, Salem Corporation	Mobile No: 98420 99512
Nearest Police Station	Ammappet	Land line: 0427 220324 Mobile No: 94361 00254
Nearest Fire & Rescue station	Stargate	Land line: 0427 2449938 Mobile No: 94430 80376
Name of Taluk	Salem	Land line: 0427 2452121 Mobile No: 94430 80547



Vulnerability Area			
	Very High Vulnerability (Red)		High Vulnerability (Orange)
	Medium Vulnerability (brown)		Low Vulnerability (Blue)
Escape Route			
	Dark green		Yellow
	Violet		Rose
	Ward Boundary		National Highways
	Revenue Village Boundary		State Highways
			District Roads
			Village Road
			Railways
			Waterbodies
			Relief centres

Note: Vulnerability Area Maps - Rural Areas - Firka wise and not more than 3 locations in each map alone to be marked. If more than 3 location are there in the Firka, additional maps to be prepared according to the numbers. (P.T.O)

*(Signature)*  
 PA to Collector (General) Disaster Management  
 2011 1 11



## DETAILS OF VULNERABLE TO FLOOD

(13)

**VULNERABLE AREA :-**

- : 04.THEVUR
- CE : ANNAMAR KOVIL BRIDGE
- : THEVUR
- : SANKARI
- : SALEM

**DETAILS OF VULNERABILITY AREA**

details of (Floods)	Source of Flood	Name of Relief Centre's	Street to be used Escape to Relief Centre's	Distance to Relief Centre (In Km)
4	5	6	7	
water from Annammar Kovil	Kaveri River	Government Community Hall, Pullagoundampatti	Erithottam Pullagoundampatti	2.5 Km

**II. DETAILS OF CONTACTS**

Name and Designation of the Contact Person	Contact No
Shri. T. Ramadurai Murugan, Revenue Divisional Officer, Sankari.	9445000436
Thiru. Vajayanthi, BDO, Town Panchayat, Sankari.	7824058526
Thevur Police Station (Prakash, sub-Inspector of Police)	Land line : 04283 232091 Mobile No : 9940982168
Edappadi Fire Station (Sri. Muthiyappa, Fire Officer)	Land line : 04283 222922 Mobile No : 9445086788
Sankari (Sri. K. Anilkumar, Tahsildar)	Land line : 04283 240543 Mobile No : 9443000254



*A. J. [Signature]*  
 PA to Collector (General)/Disaster Management  
 Collectorate Salem. *B. [Signature]*  
*A. D. [Signature]*





# etails of vulnerable area to flood (Urban - Ward level)

ible area

0 : 42

: Salem corporation

: 3

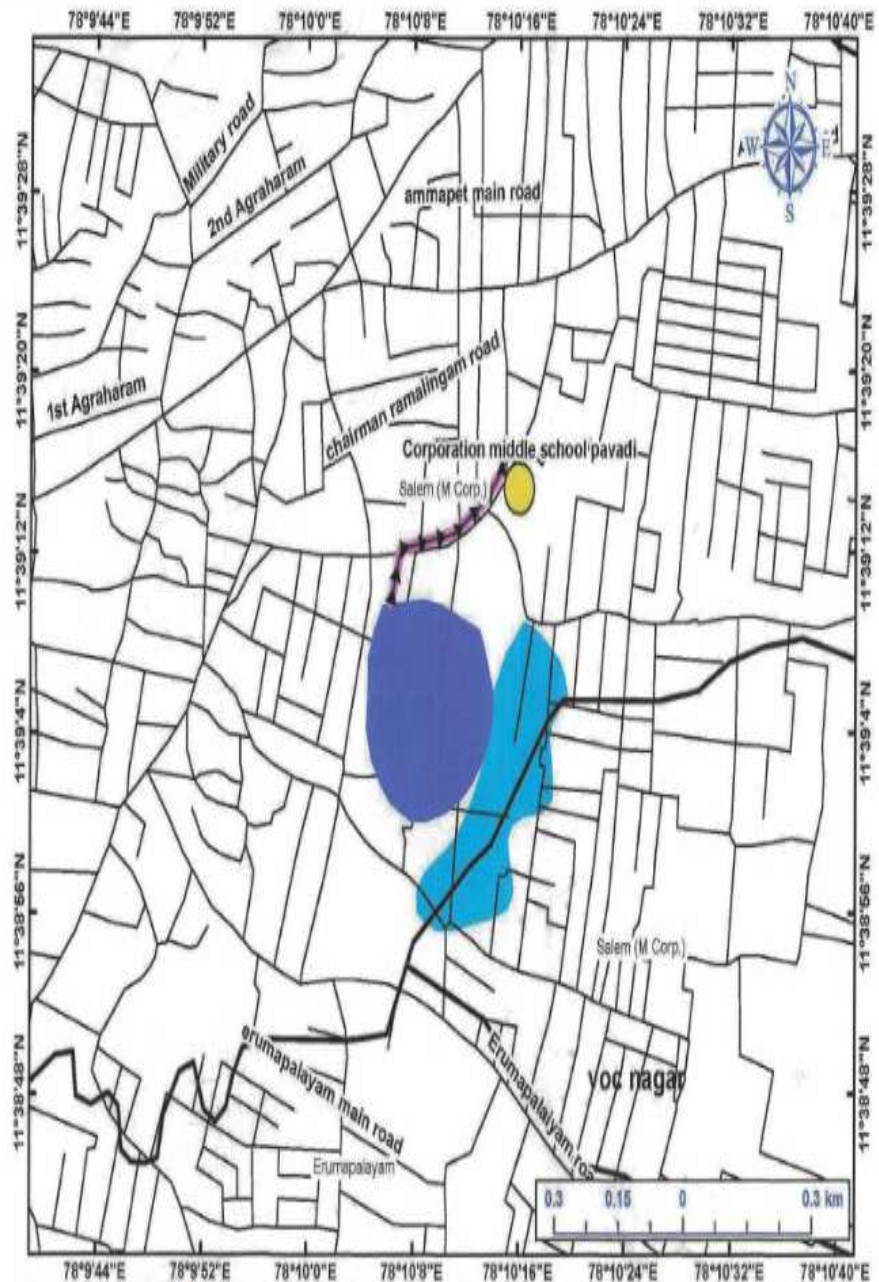
: Salem

I.Details of Vulnerability area

of	Inundation details-water level (ft/m) at days	Source of Flood	No of Relief Centres	Street to be road escape to what centres	Distance to relief centre (in km)
100	Date / no. Day	Flow flow	Dist.	Kilofour main road	300m

II.Details of Contacts

1 of Contact Details (1)	Contact No (2)
1. Thiru. Jawahar Spi Deputy Collector (SSS), Salem	Mobile No:9969032116
1. Thiru.A.R.A.Jayraj Asst. Commissioner, Salem Corporation	Mobile No :9842038512
Kilichipalayam	Land line :0427 2202610 Mobile No : 94911 00851
Shengon	Land line : 0427 2440938 Mobile No : 94410 96376
Salem	Land line :0427 2452121 Mobile No : 94410 00547



**Vulnerability Area**

- Very High Vulnerability (Red)
- High Vulnerability (Orange)
- Medium Vulnerability (brown)
- Low Vulnerability (Blue)

**Escape Route**

- Dark green
- Yellow
- Violet
- Rose

**Legend**

- Ward Boundary
- Revenue Village Boundary
- National Highways
- State Highways
- District Roads
- Village Road
- Railways
- Waterbodies
- Relief centres

ps - Rural Areas - Firka wise and not more than 3 locations in each map alone to be marked. If more than 3 location are there in the Firka, additional maps to be prepared according to the numbers. (P.T.C)

Collector (General)/Disaster Management  
Collectorate Salem.



# etails of vulnerable area to flood (Urban - Ward level)

ble area

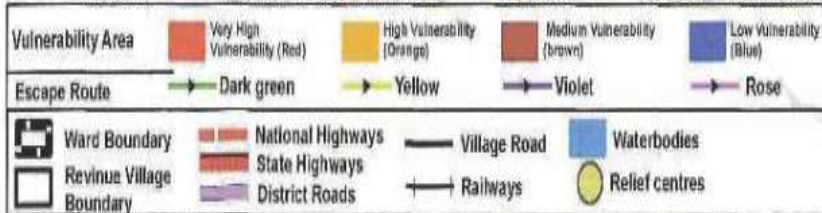
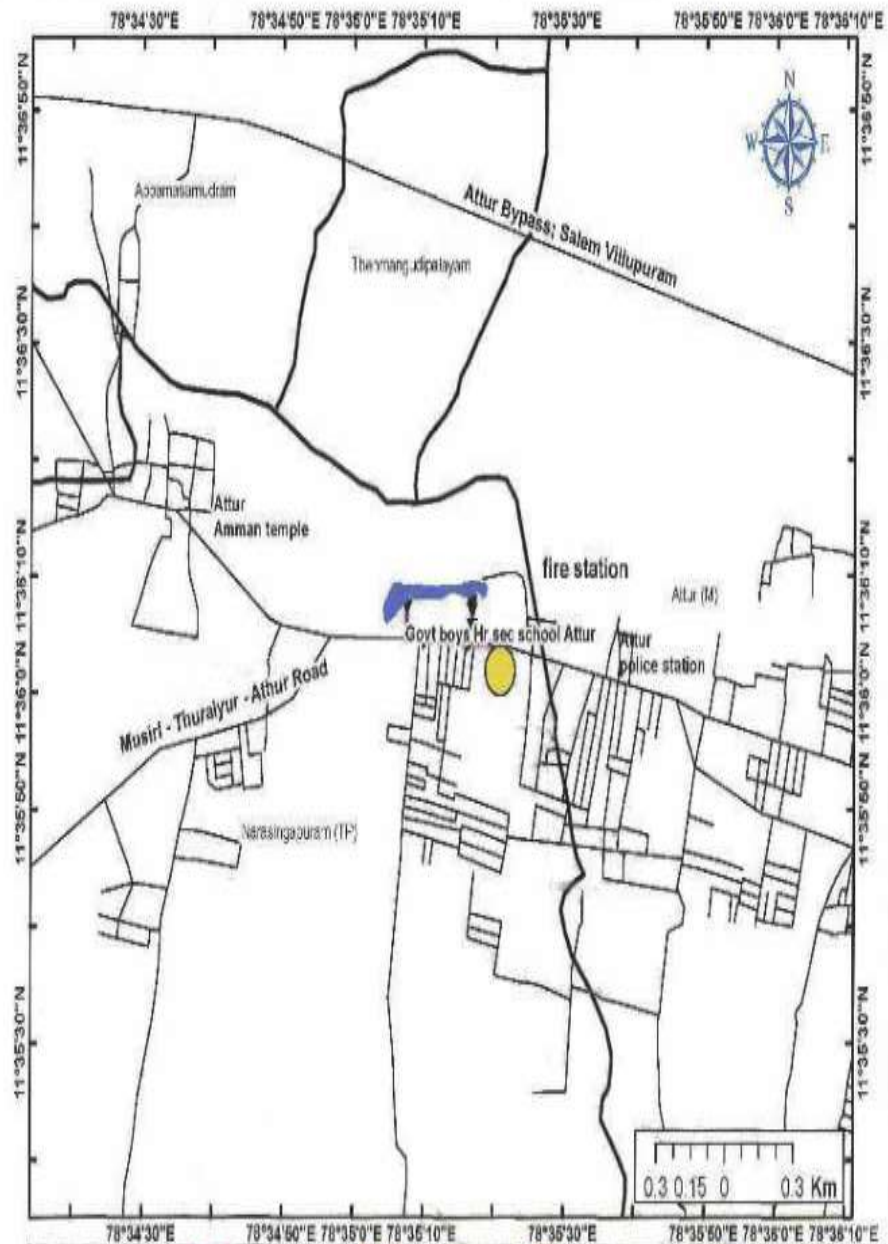
: 5  
 : Narasingapuram  
 municipality  
 : Attur  
 : Salem

## etails of Vulnerability area

Inundation details Water level (ft) No. of days	Source of flood	Name of Relief centres	Sever to be used escape to relief centres	Distance to relief centre (in Km)
3	4	5	6	7
1.5 Ft. (One Day)	Vaidalata River	Govt.Boys Higher Secondary School Salem Attur	Main Road	0.50 km

## II.Details of Contacts

Contact Details (1)	Contact No. (2)
Thiru Selva Revenue Divisional Officer Attur	Mobile No: 9445000424
Thiru Chandrakumar Commissioner of Municipality Narasingapuram	Mobile No: 988912109
Attur Police Station	Landline : 04282 - 240705 Mobile No : 9498770006
Attur Fire Service	Landline : 04282 - 240801 Mobile No : 9445000383
Attur	Landline : 04282 - 240704 Mobile No : 9944300058



as -Rural Areas - Firka wise and not more than 3 locations in each map alone to be marked. If more than 3 location are there in the Firka,additional maps to be prepared according to the numbers. (P.T.O)

Director (General) Disaster Management  
 Collectorate Salem.





# etails of vulnerable area to flood (Urban - Ward level)

ible area

to : 5

: Attur Municipality

: -

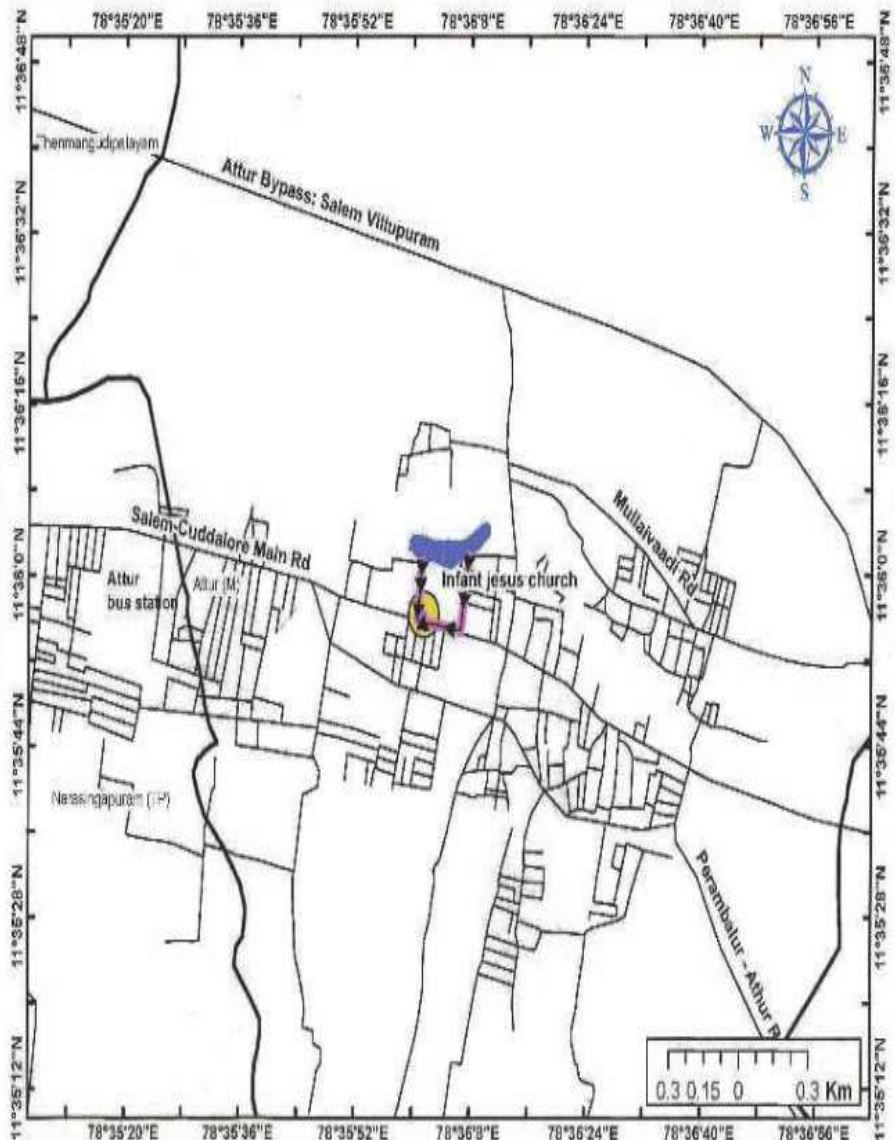
: Salem

## etails of Vulnerability area

Inundation depth Water level (ft) No. of days	Source of flood	Name of Relief centres	Sum to be used escape to relief Centres	Distance to relief centre (in Km)
1	2	3	4	5
1.5 Ft. (One Day)	Vaishnavi River	St.Mary's Rr Middle School, West Madha Kud Street	East Madha Kud St.	0.50 km

## II. Details of Contacts

Contact Details	Contact No.
(i)	(ii)
Thiru. Selvam Revenue Division Officer Attur	Mobile No: 9445030434
Thiru. Kumar Commissioner of Municipality Attur	Mobile No: 9786663045
Attur Police Station	Landline : 04282 - 240703 Mobile No : 9408170008
Attur Fire Service	Landline : 04282 - 240801 Mobile No : 9445080330
Attur	Landline : 04282 - 240751 Mobile No : 9445030350



Vulnerability Area	Very High Vulnerability (Red)	High Vulnerability (Orange)	Medium Vulnerability (brown)	Low Vulnerability (Blue)
Escape Route	Dark green	Yellow	Violet	Rose
Ward Boundary	National Highways	Village Road	Waterbodies	
Revenue Village Boundary	State Highways	Railways	Relief centres	
	District Roads			

ps - Rural Areas - Firka wise and not more than 3 locations in each map alone to be marked. If more than 3 location are there in the Firka, additional maps to be prepared according to the numbers. (P.T.C)

*A. S. M. M.*  
A to Collector (General) / Disaster Management  
Collectorate Salem.





Area  
 Valapady  
 Taluk

# SALEM DISTRICT VALAPADY TALUK AREAS VULNERABLE



Name of Field	Street to road	Distance to road centre (in km)
Valapady	Haraswathi	1.2km

Contact No.
Landline : 0427 200004
Mobile No : 94450 74361
Mobile No : 98511 00242
Mobile No : 74208 06779
Mobile No : 94561 68485
Mobile No : 94450 86379
Mobile No : 94425 91179
Mobile No : 94054 48140
Landline : _____
Mobile No : 94081 01113
Landline : 94382 29189
Mobile No : 98507 25191
Landline : 9426 223200
Mobile No : 944500940

General/Disaster Management  
 Directorate Salem.



*(Signature)*  
 3-10-18  
 வ.ல.ல. இலகன் ஆய்வாளர்  
 வ.ல.ல. அலுவலகம்  
 வாய்ப்பாடி



**5 OF LESS VULNERABLE AREA FOR FLOOD**

22

**LESS VULNERABLE AREA**

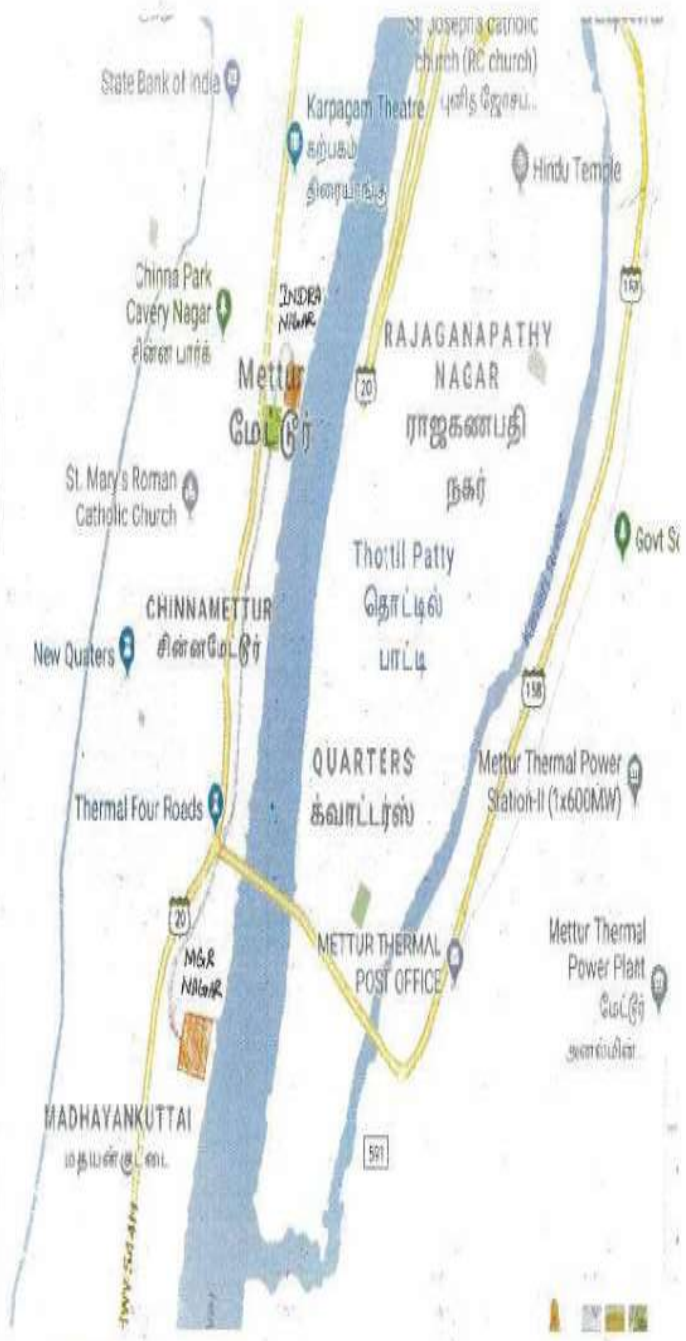
DISTRICT : SALEM  
 TALUK : METTUR  
 FIRKA : METTUR  
 VILLAGE : NAVAPATTI

**I. DETAILS OF LESS VULNERABILITY AREA**

INCUNDTATION DETAILS OF WATER LEVEL (II) NO OF DAYS	SOURCES OF FLOOD	NAME OF THE RELIEF CENTER	STREET TO BE USED ESCAPE TO RELIEF	DISTANCE TO RELIEF CENTRE IN KM
WHEN THE WATER OUT FLOW FROM METTUR DAM EXCEEDS 1.50 LAKH CUSEES	KAVERI RIVER	PAPPAMMAL THIRUMANA MANDAPAM, METTUR	BHAVANI MAIN ROAD	1) 1 KM  2) 100 MT

**II. DETAILS OF CONTACTS**

NAME OF THE CONTACT PERSON	CONTACT NO
Thiru. T. RAMADEVARAJAN REVENUE DIVISIONAL OFFICER, METTUR	9445001135
VAO NAVAPATTY KALAIYARAU	9842147678
METTUR PS	9790022545
METTUR FIRE STATION	9445086382
METTUR Thiru. KARIVIDAINAMBI	9445000552



*[Signature]*  
 Collector (General) Disaster Management  
 Collectorate Salem

*[Signature]*  
**TARGILDAR**  
 METTUR.



# DETAILS OF VULNERABLE AREA TO FLOOD

23

## VULNERABLE AREA

- : 07.NEDUNGULAM
- PLACE : Kombukadu Naavithan kuttai
- : POOLAMPATTI
- : EDAPPADY
- : SAI FM

## OF VULNERABILITY AREA

Source of Flood	Name Of Relief Centre's	Street to be Used Escape To Relief Centre's	Distance To Relief Centre (in km)
4	5	6	7
Kaveri River	Govt.High School Nedungulam	A) Poolampatti - Nedungulam Road (v.a. kamathasudhur)	2.00km



## TAILS OF CONTACTS

in Contact Person	Contact No
Thiru.T.Kanadasan Murgan, Revenue Division Officer, Sankari.	9445000156
Thiru.S.athe Block Development Officer Edappadi	7407606764
Poolampatti Police Station (Thiru.V. Senthil Kumar, Sub-Inspector of Police)	Landline:04283-232730 Mobile No:9445030024
Edappadi Fire Station (Thiru.Muniyappan, Fire Officer)	Landline:04283-222472 Mobile No:9450803038
Edappadi (Thiru.S. Kesavan, Tanika)	Landline:04283-222227 Mobile No:9445030052

- Low Vulnerability
- Escape Route to relief centre
- Relief centre

**Director (General) Disaster Management**  
Directorate Salem.

7/8/18  
T. K. Kanadasan  
Revenue Division Officer  
Sankari

**TAHSILDAR**  
EDAPPADY.

2-3-8-18





# DETAILS OF VULNERABLE AREA TO FLOOD

23 II

## VULNERABLE AREA

07.NEDUNGULAM  
 PLACE : Kombukadu Poomaniyur  
 POOLAMPATTI  
 EDAPPADY  
 SAI EM

## OF VULNERABILITY AREA

Sl. No.	Source of Flood	Name Of Relief Centre's	Street To be Used Escape To relief Centre's	Distance To Relief Centre (In Km)
1	2	3	4	5
1	Kaveri River	P.U.S.School Poomaniyur	A) Koneripatti Edappadi Road (via, Poomaniyur)	1.00km
2				



## DETAILS OF CONTACTS

Name of Contact Person	Contact No.
Thiru.T. Anandhi Manager, Revenue Division Office, Sankar	944300166
Thir. Sujatha Block Development Officer, Edappadi	740260764
Pudupatti Police Station (Thiru.V. Senthil Kumar, Sub-Inspector of Police)	Landline No: 283-22227 / 30 Mobile No: 9449138024
Edappadi Police Station (Thiru. Muniyappan, P.O. Office)	Landline No: 283-22227 Mobile No: 9445086288
Edappadi (Thiru.V. Arasan, P.O. Office)	Landline: 04283-22227 Mobile No: 9447001356

- Low Vulnerability
- Escape Route to relief centre
- Relief centre

Disaster Management  
 Kaveri District  
 Kaveri District  
 Kaveri District

28/10/18  
 குறுவட்ட அமைச்சர்  
 முயல்பட்டி குறுவட்ட அமைச்சர்  
 எட்டப்பாடி, தஞ்சை

28/10/18  
 TAHSILDAR  
 EDAPPADY.



## DETAILS OF VULNERABLE AREA - SEENIVASA NAGAR SALEM WEST TALUK



### VULNERABLE AREA

VULNERABLE PLACE : **SEENIVASA NAGAR**  
 VILLAGE : **BODINAICKENPATTY**  
 TALUK NAME : **SALEM WEST**  
 DISTRICT : **SALEM**

Details of Areas Vulnerability area						
Types of vulnerability in the area	Details of the area	Inundation details Water level(Ft) No. of days	Source of flood	Name of Relief centres	Street to be used escape to relief Centre	Distance to relief centre (in Km)
1	2	3	4	5	6	7
Low Vulnerable	Seenivasa nagar	Below 2 Feet, water level	Odai	St. Joseph's Girls Higher Secondary School, Bodinaickenpatty	Junction Main Road	1 Km

### II. Details of Contacts

Name and Designation Of The Contact Person		Contact No.
Name of the Nodal Officer	District Supply Officer salem	944600222
Name of the Inter Department Team Leader	Assistant Commissioner Hasmathpatty Zone	9443028031
Nearest Police Station	Assistant Commissioner of Police L & O, West Range Salem City	9498167110
Nearest Fire and Rescue Station	Station Officer Salem	9445086381
Name Of the Taluk	Salem West Taluk Office	0427 2335811



*(Handwritten signatures and stamps in Tamil)*

*(Handwritten signatures and stamps in Tamil)*

LOW VULNERABILITY AREA

RELIEF CENTRE





**VULNERABLE AREA**

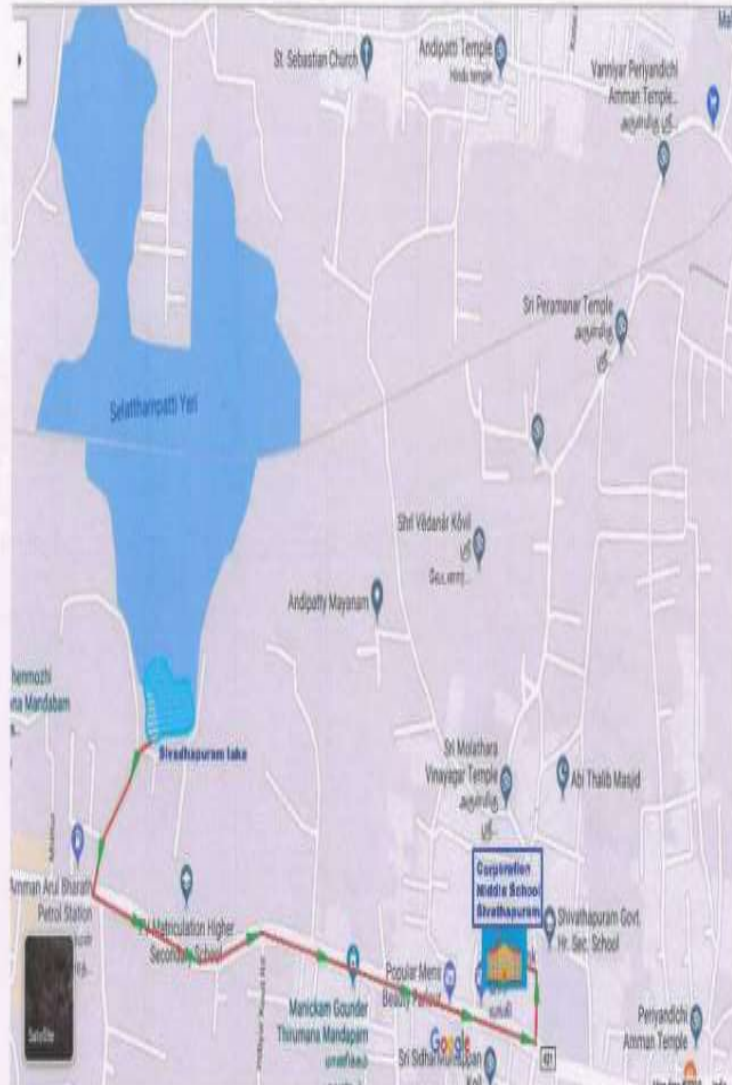
VULNERABLE PLACE : **SIVADHAPURAM**  
 VILLAGE : **SIVADHAPURAM**  
 TALUK NAME : **SALEM WEST**  
 DISTRICT : **SALEM**

Details of Area Vulnerability area						
Types of vulnerability in the area	Details of the area	Inundation details Water level(1) No. of days	Source of flood	Name of Relief centres	Street to be used escape to relief Centres	Distance to relief centre (in Km)
High Vulnerable	Sivadhapuram	3-4 Feet, water level	lake	Corporate Middle School Sivadhapuram	Siddhar Kavil Main Road	1 Km

**II.Details of Contacts**

Name and Designation Of The Contact Person		Contact No.
Name of the Nodal Officer	Assistant Commissioner Suramangalam Zone	9442104146
Name of the Inter Department Team Leader	Divisional Engineer Highways Salem	9443163646
Nearest Police Station	Assistant Commissioner of Police, South Range Salem City	9498174974
Nearest Fire and Rescue Station	Station Officer Suramangalam	9445089380
Name Of the Taluk	Salem West Taluk Office	0427 233611

**DETAILS OF VULNERABLE AREA - SIVADHAPURAM SALEM WEST TALUK**



செ.சுவாமி  
 உதவி அலுவலர் (தலை)  
 காவலர் அலுவலகம்,  
 சேலம்.

செ.சுவாமி  
 அ.க. இயக்குநர்  
 காவலர் அலுவலகம்,  
 சேலம்.

செ.சுவாமி  
 அ.க. இயக்குநர்  
 காவலர் அலுவலகம்,  
 சேலம்.

செ.சுவாமி  
 அ.க. இயக்குநர்  
 காவலர் அலுவலகம்,  
 சேலம்.

**HIGH VULNERABILITY AREA**  
**RELIEF CENTRE**











**Name of the Nodal Agencies for Disaster Early Warning dissemination:**

<b>Disasters</b>	<b>Agencies</b>
Cyclone/Hydrometeorological	India Meteorological Department
Earthquake	India Meteorological Department
Floods	Central Water Commission
Drought	Ministry of Agriculture
Landslides	Geological Survey of India
Tsunami	Indian National Centre for Ocean Information Services

**Floods:**

Floods are often a result of heavy rains associated with the natural course of surplus water flow being hindered by encroachments, unplanned development and the like. The Central Water Commission has developed a network of flood forecasting stations and it issues Daily Flood Bulletins during the Monsoon seasons for all the major river basins in the following categories:

- **Category IV: Low Flood stage** (Water level of the river is flowing between Warning Level and Danger Level)
- **Category III: Medium Flood** (Water Level below 0.50m. less than HFL and above Danger Level)
- **Category II: High Flood** (Water Level less than Highest Flood Level but still within 0.50m. of the HFL)
- **Category I: Unprecedented Flood** (Water Level equal and above Highest Flood Level (HFL))

**Cyclone:**

The cyclone warnings are issued by IMD in four stages.

- The **First Stage** warning known as **“PRE CYCLONE WATCH”** issued 72 hours in advance contains early warning about the development of a cyclonic disturbance and its likely intensification into a tropical cyclone.
- The **Second Stage** warning known as **“CYCLONE ALERT”** is issued at least 48 hrs. It contains information on the location

and intensity of the storm, likely direction of its movement, intensification, coastal districts likely to experience adverse weather and advice to fishermen, general public, media and disaster managers.

- The **Third Stage** warning known as “**CYCLONE WARNING**” issued at least 24 hours in advance of the expected commencement of adverse weather over the coastal areas. Landfall point is forecast at this stage. These warnings are issued at 3 hourly intervals giving the latest position of cyclone and its intensity, likely point and time of landfall, associated heavy rainfall, strong wind and storm surge along with their impact and advice to general public, media, fishermen and disaster managers.
- The **Fourth Stage** of warning known as “**POST LANDFALL OUTLOOK**” is issued at least 12 hours in advance of expected time of landfall. It gives likely direction of movement of the cyclone after its landfall and adverse weather likely to be experienced in the interior areas.

### **Drought:**

Drought is still largely unpredictable and varies with regard to the time of occurrence, duration, intensity and extent of the area affected. It is a temporary condition caused by significantly less rainfall for an extended period of time. The severity of the drought can also be aggravated by other climatic factors such as high temperature, high wind and low humidity.

- 1. Meteorological drought:** When actual rainfall over an area is significantly less than the climatological mean.
- 2. Hydrological drought:** When there is marked depletion of surface water causing very low stream flow and drying of lakes, reservoirs and rivers.
- 3. Agricultural drought:** When inadequate soil moisture produces acute crop stress and affects productivity.
- 4. Soil Moisture drought:** Inadequate soil moisture particularly in rain fed areas which may not support crop growth.
- 5. Socio economic drought:** The reduction of availability of fund and income loss on account of crop failures endangering food and social security of the people in the affected areas.
- 6. Famine:** When large scale collapse of access to food occurs which without intervention, can lead to mass starvation.
- 7. Ecological drought:** When the productivity of a natural ecosystem fails significantly as a consequence of distress induced environmental damage.

### **Heat Waves:**

Heat-wave early warnings are designed to reduce the avoidable human health consequences from heat-waves through timely notification of prevention measures to vulnerable populations. Heat wave is considered only after maximum temperature of a station reaches at least 40° C for plains and at least 30° C for hilly regions. India Meteorological Department issues forecast on the level of Heat waves likely to prevail in the regions for 5 days at a time.

### **Landslides:**

The major landslides in Tamil Nadu occur mostly in the Nilgiris, parts of Eastern Ghats, Yelagiri and Shevaroy hills. Geological Survey of India issues alerts and warnings about landslides

- **Category I:** Landslides that may occur over or in close vicinity of inhabited areas such as urban settlements or fairly large rural settlements wherein a landslide can result in loss of human lives and dwellings on a large scale.
- **Category II:** The landslides that may occur on the fringes of inhabited areas and result in limited loss of life and property.
- **Category III:** Landslides which are fairly large and affect infrastructural installations such as strategic and important highways and roads, rail routes, hydroelectric and irrigation projects.
- **Category IV:** Landslides of small dimensions that occur away from habitations and do not affect either humans or their possessions.

### **Earthquake:**

An Earthquake is a sudden event and gives hardly any time to react. Early warning or prediction of an earthquake is not easy. The protocol for early warning and prediction of an earthquake is not presently available. India Meteorological Department (IMD) monitors seismic activity in and around the country and disseminates information to all the concerned



agencies. In Tamil Nadu, three seismological network stations are located as noted below:

### **Locations of Seismological Monitoring Centers**

<b>Location</b>	<b>Code</b>	<b>State</b>	<b>Latitude (Deg:Min)</b>	<b>Longitude (Deg:Min)</b>	<b>Altitude above MSL</b>
Chennai	MDR	Tamil Nadu	13:04.08N	80:14.78E	15
Kodaikanal	KOD	Tamil Nadu	10:14.00N	77:28.00E	2345
Salem	SALEM	Tamil Nadu	11:39.00N	78:12.00E	278

### **Chemical Industrial Disaster:**

- **Level – 1:** A non-emergency period when mock drills, trainings, exercises and other preparedness activities for effective response should be done.
- **Level – 2:** The emergency will spill over to off-site (outside the factory) and within the capabilities of the district administration to deal with.
- **Level – 3:** The emergency will require assistance and help from the State government and within their capability.
- **Level –4:** A National level disaster requiring major direct intervention of the Central Government.

### **Mock Drills:**

Search and Rescue Teams at State Levels are carrying out mock drills on various disasters situation annually. For floods/flash floods mock drills are carried before the monsoon period. For earthquakes, landslides etc., such drills are being done periodically. At the district and State levels, mock exercises are being carried out for assessing and evaluating preparedness of the State machinery and that of community.



**During current year a mock drill on Chemical, Biological, Radiological and Nuclear (CBRN) Disaster at Mettur Chemplaston 20.08.2024.**

**Sensitizing Hospitals/Educational Institutions and Oil Companies:**

Realising the importance of sensitizing the private institutions to be equipped with mechanism for immediate response during disasters, series of meetings were held at District and State levels to sensitize the Hospital / Educational / Industrial organizations, communications service providers, Oil companies to be equipped with strategies at institutional levels and also to make back up arrangements to ensure lifesaving services unhindered especially in the hospitals.

**Incident Response System:**

The management of response in disasters requires the Government, Community, civil society and other stakeholders to carry out a large number of tasks. The activities involved in response management would depend on the nature and type of disaster. The Government of Tamil Nadu is adopting Incident Response System (IRS) in the State to ensure the unification of efforts of all the stakeholders to ensure immediate response during disasters to protect people & their properties.

**First Responders**

The District Administration has formed in every plotted vulnerable area First Responders team in local habitations, to assist the official teams at micro level. The village level teams will handle all rescue, evacuation and shelter management with the help of first responders in the locality. A team of about 1002 first responders were identified and kept ready to handle emergency situations.

In the TNSMART portal also the above list of First Responders available online. Further, a whatsapp group at Taluk Level First Responders have been opened and the First Responders are included in that group. This is very much helpful for the District Administration to know the disaster related issues from the ground level quickly. They are also responding and utilizing the group well.



**CHAPTER- V**  
**SEMI PERMANENT COVID CARE CENTRE**  
**&**  
**DISTRICT DISASTER RELIEF SHELTER, SALEM**







**Semi Permanent  
Covid Care Centre  
&  
District Disaster Relief  
Shelter**



**District Disaster Management Authority  
Salem District, Salem – 636013.**

**Semi Permanent Covid Care Centre & District Disaster Relief  
Shelter,  
Unit I and Unit II, Steel Plant Campus, Salem.**





## **Semi Permanent Covid Care Centre & District Disaster Relief Shelter**

Salem district is one of the largest districts in the State. It records an annual average of 100 cm rainfall. Hence, flooding and inundation are seasonal occurrences. In Salem City alone, there are 13 vulnerable areas. During monsoons, flashflood from yercaud hills gushes down and spates through Salem City causing submergence of water habitations. Lakes in Mookaneri, Periyeri, Maramangalathupatti and kumaragiri are located within city limits. On reaching their full capacity during monsoons, the water in these leaks overflows and surges through nearby inhabitations. People of those areas are evacuated and accommodated in relief shelters during those times. The Semi-Permanent COVID Care (Multi-Purpose) Center could accommodate around 1000 persons with all basic amenities. It could deliver all relief measures to disaster affected citizens. The Semi-Permanent Covid Care Center could also effectively utilized for the training center for personnel in matters related to disaster management. The Sub-Divisional Magistrate/Revenue Divisional Officer, Salem has recommended the Semi-Permanent Covid Care (Multi Purpose) Center to be listed as a Prime Shelter Home along with other 26 shelter homes already identified and declared in the District Disaster Management Plan of Salem District.

The proposal was placed before District Disaster Management Authority and obtained approval vide resolution no.5 during the meeting conducted on 16.11.2022 to include the aforementioned Semi-Permanent COVID Care Center situated in Salem Steel Plant premises constructed under the aegis of CSR initiatives and operated during pandemic times as local disaster relief shelter be listed along with other 26 shelter homes already identified and declared as capacity building resources in District Disaster Management Plan of Salem District. This facility can also be utilized for housing any

disaster affected citizens during flood, landslide, road and rail accidents, industrial disasters, seasonal disasters, epidemics, riots, etc. For operational convenience, the period of one such usage shall not exceed 15 days under any normal circumstances.

The District Disaster Management Authority, Salem constituted under section 25(1) of the Disaster Management Act 2005 (Government of India, Ministry of Law and Justice, No.53 of 2005 during its meeting held on 16.11.2022 has resolved to include this Semi Permanent Covid Care (Multi Purpose) Centre as one of the declared “Relief Shelter” in Salem District under the provisions of the said Act 2005.



**Honourable Minister for Municipal Administration,  
Thiru.K.N.Nehru, The District Collector Thiru.S.Karmegam, I.A.S.,  
inspected Semi Permanent Covid Care Centre & District Disaster  
Relief Shelter at Salem Steel Plant Campus.**



**500 bed capacity of Semi Permanent Covid Care Centre  
& District Disaster Relief Shelter (Unit I & II), Steel Plant  
Campus**



Copy of



**From**

**S. Karmegam, I.A.S.,  
Chairperson, District Disaster  
Management Authority, District  
Magistrate and District Collector,  
Salem District,  
Salem – 636 001,  
Phone – 0427-2450301, 2452244.**

**To**

**The Executive Director,  
Salem Steel Plant,  
Steel Authority of India Limited,  
Salem – 636 013,  
Salem District, Tamil Nadu.**

**Roc.No.8230/2020/DM**

**Date: 30.12.2022**

**Sir,**

**Sub: Disaster Management–Salem District -Threat of Covid -  
19– Semi Permanent Covid Care Centre at vacant place  
of Salem Steel Plant premises–regarding.**

- Ref: 1 Your Letter Ref. No. EDO-2(2), Dated 07.11.2022**
- 2 Resolutions of the District Disaster Management  
Authority meeting held on 16.11.2022**
- 3 Government of India, Department of Health and  
Family Welfare, Ministry of Health and Family Welfare  
D.O.No.Z.28015/182/2021-DM cell, Dated 20.12.2022**
- 4 Government of Tamil Nadu, Principal Secretary to  
Government, Health and Family Welfare Department  
Lr.No.37404/P1/2021-1, Dated 22.12.2022**
- 5 Government of India, Department of Health and  
Family Welfare, Ministry of Health and Family Welfare  
D.O.No.Z.28015/182/2021-DMcell , Dated 22.12.2022**
- 6 Government of Tamil Nadu, Principal Secretary to  
Government, Health and Family Welfare Department  
Lr.No.3789620/P1/2022-2, Dated 23.12.2022**
- 7 Government of India, Department of Health and  
Family Welfare, Ministry of Health and Family Welfare  
D.O.No.Z.28015/182/2021-DMcell, Dated 24.12.2022**

===

**Kind attention is drawn to the references cited.**

**In the references 3<sup>rd</sup> to 7<sup>th</sup> cited, the Government of India and  
Government of Tamil Nadu have directed the District Authorities to gear  
up the diagnostic testing facilities for Covid –19 and to be in a state of**



readiness with Oxygen and other facilities to effectively meet any contingencies as and when required, in the event of spread of the new variant SARS-CoV2 Corona Virus..

On a preventive and preparatory mode, the District Administration is taking all possible steps to meet the upcoming challenge of Public Health. At this juncture, I recollect the support and services rendered by the Salem Steel Plant with gratitude. In this regard, I request your seamless support in the supply of Oxygen to the Semi Permanent Covid Care (Multi Purpose) Centre, Salem Steel Plant premises to meet out any eventuality as and when required.

In this connection, it is further informed that the District Disaster Management Authority, Salem constituted under section 25(1) of the Disaster Management Act 2005 (Government of India, Ministry of Law and Justice, No-53 of 2005) during it's meeting held on 16-11-2022, has resolved to include this Semi Permanent Covid Care (Multi Purpose) Centre as one of the declared "Relief Shelters" in the Salem District under the provisions of the said Act-2005.

**Sd/- S.Karmegam**  
**Chairperson**  
**District Disaster Magistrate and**  
**District Collector, Salem District.**

**Copy To**  
**The Sub Divisional Magistrate/**  
**Revenue Divisional Officer,**  
**Salem.**

**Copy of**

**AGENDA NOTE AND RESOLUTION FOR THE MEETING OF DISTRICT  
DISASTER MANAGEMENT AUTHORITY, SALEM, HELD ON 16.11.2020**

**Roc.No.8230/2020/DM**

**COLLECTORATE, SALEM**

The District Disaster Management Authority of Salem constituted under Section 25(1) of the “Disaster Management Act 2005”, held a meeting on 16-11-2022 at 11.00 a.m., to discuss the various actions to be taken for prevention and mitigation of disaster, ratification of District Disaster Management Plan 2022 and the matters connected therewith.

Disaster Management, as defined under section 2(e) of the Disaster Management Act, 2005 is a continuous and integrated process of planning, organising, co-ordinating and implementing measures which are necessary for prevention of danger or threat of any disaster. The District Authority acts as the district planning, coordinating and implementing body for disaster management and take all measures for the purpose of disaster management in the district and prepare a Disaster Management Plan as provided under section 31(3) and undertake measures for the prevention of disaster and mitigation of its effects at district level.

As provided under the provisions of chapter IV of Disaster Management Act,2005, as a measure of creating a preparedness to face any future events of disaster, the following proposals are placed before the District Disaster Management Authority, Salem for discussion and approval.

**Subject No. 5**

Salem district is one of the largest district in the state. It records an annual average of 100 cm rainfall. Hence, flooding and inundation are seasonal occurrences. In Salem city alone there are 13 vulnerable areas. During monsoons, flashfloods from Yercaud hills gushes down and spates through Salem city causing submergence of water in and around habitations. Lakes in Mookaneri, Periyeri, Maramangalathupatti and Kumaragiri are located within city limits. On reaching their full capacity during monsoons, the water in these lakes overflows and surges through nearby inhabitations. People of those areas are evacuated and accommodated in relief shelters during those times. Mostly, schools are converted into relief shelters. Schooling of hundreds of children is affected during the shifting. The Semi Permanent Covid Care (Multi Purpose) Centre could accommodate around 1000 persons with all basic amenities. It could deliver all reliefmeasures to disaster affected citizenry. The Semi Permanent Covid Care could also effectively exploited to be the training center for personnel in matters related to disaster management. The Sub Divisional Magistrate / Revenue Divisional Officer, Salem has recommended the Semi Permanent Covid Care (Multi Purpose)

**Resolution No.5**

It is resolved to accept the proposal of the Sub Divisional Magistrate / Revenue Divisional Officer, Salem to include the newly constructed Semi Permanent Covid Care (Multi Purpose) Centre at the vacant cite in the premises of Salem Steel Plant in the list of shelter homes along with the 26 other shelter homes already identified in District Disaster Management Plan 2022. It is also resolved that the period of one such usage shall not exceed 15 days, under normal circumstances.

Centre to be listed as a shelter home along with other 26 shelter homes already identified and declared in the District Disaster Management Plan Booklet of Salem District.

It is placed before the District Disaster Management Authority, the proposal of the Sub Divisional Magistrate / Revenue Divisional Officer, Salem to include the aforementioned Semi Permanent COVID Care Centre in Salem Steel Plant premises constructed under the aegis of CSR initiatives, and operated during pandemic times as local “Disaster Relief Shelter” be listed of other 26 shelter homes already identified and declared as capacity building resources in District Disaster Management Plan of Salem district. This facility can also be exploited for housing any disaster affected citizenry such as flood/rain, landslide, road and rail accidents, industrial accidents, seasonal disaster, epidemics, riots etc. For the operational convenience, the period of one such usage shall not exceed 15 days, under normal circumstances.

**CHAPTER – VI**

**DISASTER RESPONSE, RELIEF AND REHABILITATION**





## **Disaster Response**

Disaster Response measures are those which are taken instantly prior to, and following, a disaster aimed at limiting injuries, loss of life and damage to property and the environment and rescuing those who are affected or likely to be affected by disaster. Response process begins as soon as it becomes apparent that a disastrous event is imminent and lasts until the disaster is declared to be over.

### **Objectives:**

- To save life and property
- To reduce hardships and sufferings
- To restore the essential life support and community system
- To mitigate further damage or loss
- To provide the foundation for further recovery and reconstruction

### **Primary tasks during this phase would be:**

- The DEOC, and other control rooms as well as district control rooms will be activated with full strength.
- Proper need assessment through village response.
- Deployment of resources to all affected sections in an equitable manner
- Besides food, cloth and shelter facilities such as public health and situation is to be provided in shelters camps.
- Ensuring total transparency in the distribution of relief material
- Putting in place an objective method of assessing

At the district level, the District Collector has the responsibility for the overall management of disasters. All departments including the Police, Fire Services, Public Works, Irrigation, etc., work in a coordinated manner under the leadership of the District Collector during disasters, plays a major role. NGOs are also involved in providing relief, rescue and rehabilitation in recent times.

## Evacuation and Rescue

- Assess search and rescue requirements
- Assign well defined areas of operation
- Assign specific response functions to service divisions
- Coordinate PRI/NGO activity to ensure community participation
- Direct, supervise and provide assistance wherever necessary for relief camps, cattle camps, relief supplies to relief camps or Site Operations Centre.
- Law and order
- Set up coordination groups representing different groups.

## Planning Support

- Communication
- Disposal of dead animals
- Emergency supply of water and cooked food
- First Aid and Post First Aid Medical attention
- Identification and disposal of dead
- Salvage operations
- Security
- Transportation
- Transit camps

## Relief

- Financial-Manage disbursement of relief funds
- Food, Water, shelter
- Sanitation

## Health

Coordinate with adjoining districts for supply of

- Ambulances, access to hospitals
- Blood
- Medical relief
- Medical equipment and medicines

<b>Sl. No.</b>	<b>Emergency Response Activities</b>	<b>Responsible Agency</b>
1	Activation of Trigger mechanism	SDMA, DDMA
2	Risk Communication	RADM&M, SEOC, DEOC, DIPR, Media and Tele-communication networks.

3	Evacuation of People	RADM&M, Urban and local bodies, Police, Home Guards, Fire and Rescue services, SDRF, NDRF, Armed Forces, Volunteers, “108” ambulance, community and others
4	Shelter arrangement for rescued people	RADM&M, Urban and Local bodies.
5	Traffic control and diversions	Traffic Police, Home Guards, Volunteers
6	Cordoning off the disaster affected areas	SDRF, NDRF, Police, Home Guards and Volunteers
7	Law and Order maintenance	Police and Home Guards
8	Search and Rescue operation	Fire and Rescue Services, SDRF, NDRF, Police etc.,
9	Provision of First Aid/ Trauma Management	Health department, Local bodies and RED Cross
10	Relief camps and basic amenities in shelters	RADM&M, Health Department & Local bodies
11	Identification of dead and injured	RADM&M, Police, Health Department & Local bodies
12	Arrangement of medical support for casualties	Health Department
13	Impact & Resource Assessment	RADM&M, Urban and local bodies, Experts
14	Clearance of the disaster affected areas	RD, PWD, Highways & Urban Local bodies
15	Prevention of epidemics & Organizing health camps	Health Department and Local bodies
16	Need based Establishment of Temporary Shelters	RADM&M and Local bodies
17	Mobilizing Resources for relief & restoration	RADM&M, Civil supplies, RD&PR and Urban Local bodies

18	Clearance of debris / Solid waste	SDRF, F & RS, PWD, Highways Department and local bodies
19	Restoration of Communication & Road networks	PWD, Highways, Urban / Rural Local bodies, RD&PR, TANGEDCO
20	Provision of Water	TWAD, CMWSSB and local bodies
21	Restoration of Electricity	TANGEDCO
22	Resumption of Transportation	Road Transport and Highways
23	Food Arrangements	RADM&M, Civil supplies and local bodies
24	Provision of Relief supplies	RADM&M, Civil supplies, RD&PR and Urban local bodies
25	Temporary mortuary / Dead body disposal	Health, RADM&M and local bodies
26	Evacuation and shelter arrangement for cattle/ Livestock	Animal Husbandry Department, Blue Cross, Local bodies and Volunteers
27	Carcass disposal	Animal Husbandry
28	Back to normalcy	RADM & M, all line departments

### **Well-designed Disaster Response System:**

The Tamil Nadu State Disaster Management Authority headed by the Hon'ble Chief Minister is responsible for the overall disaster management and the Chief Secretary to Government will be the Responsible officer. The Commissioner of Revenue Administration and State Relief Commissioner, is the Incident Commander for controlling, monitoring and directing measures for organizing rescue, relief and rehabilitation. All other line departments render cooperation in all matters pertaining to the response and relief management. The State EOC, DEOCs and other additional control rooms at the State Capital and at the district level will be manned by Senior Officers drafted for this purpose on 24x7 bases, during the disaster period.

### **Fire Services & other State level agencies:**

The Fire & Rescue Services Department plays a significant role in Search, Rescue and Evacuation operations during different disasters. In order to augment their existing fleet of fire tenders & other equipment, Government have announced additional financial support during 2020-21 to the Fire and Rescue Services Department. The Tamil Nadu Special Police, Coastal Security Group & others will also assist in Search, Rescue and Evacuation operations on need basis.

### **Emergency Medical Response:**

The Emergency Medical Response is provided by the Health Department through the Government Hospitals spread throughout the State. The District Disaster Management Authority ensures a) Adequate stocks of essential medicines and life-saving drugs b) Scheduled visit of Doctors and Para medical staff to the Relief Centres. Ambulance services are augmented to render necessary assistance during disasters and 840 ambulances are in operation under the 108 Emergency Ambulance Service.





**CHAPTER - VII**  
**DISASTER PREVENTION AND MITIGATION**



### **Flood Control & Drought Mitigation Measures:**

The structural measures under the broad water resources segment to combat Flood and Drought are complimentary to each other. The Flood control measures include, River Grading, River/Stream training, construction of new as well as Rehabilitation of Reservoirs, Dams, Anaicuts, Check Dams, Instream Reservoirs, RivErine Reservoirs, Tail end Regulators etc Flood routing through diversion Canals/Channels and creating new storage facilities to store excess runoff.

### **Removal of Encroachments:**

The problems of flooding in several locations is due to the structural anthropogenic interventions which obliterate the existence width of the water ways, constrict the water ways and I some locations eve block the water ways. The structural interventions are due to the authorized construction of public buildings in the ester years as well as due to illegal encroachments by people of different strata.



**CHAPTER - VIII**  
**FOREST FIRE MANAGEMENT PLAN**







**FIRE IS PUTTING OFF BY A FIRE WATCHER**



*Kanjamalai RF of Shervaroy's south Range*



**A BAMBOO FLOWERED AREA BURNT IN A FOREST @ VANIYAARU RF, YERCAUD RANGE**

*Fire in Bamboo flowered area in Vaniyaru RF, Yercaud Range*

**FIRE LINE CLEARING WORKS**



*Adiyannur Block III RF, Kalrayan Range*

**FIRE LINE CLEARING WORKS**



*Chinna Kalrayan Therkku Nadu Block VIII RF, Kalrayan Range*

## **SALEM FOREST DIVISION**

Forest is a complex ecosystem consisting mainly of trees that have formed a buffer for the earth to protect life forms. Forest is defined structurally on the basis of crown cover percentage, minimum height and minimum area of stand. FAO has defined Forest as land with tree crown cover (or equivalent stocking level) of more than 10% and area of more than 0.5 hectare. Forest Survey of India (FSI) has defined Forest Cover as “all lands, more than one hectare in area, with a tree canopy density of more than 10%, irrespective of ownership and legal status. Such lands may not necessarily be a recorded forest area. It also includes orchards, bamboo and palm”.

Forests cover one third of the earth’s land mass, performing vital functions around the world. Forests are the most biologically-diverse ecosystems on land, home to more than half of the terrestrial species of animals, plants and insects. Forests constitute a major source of livelihood by providing shelter, jobs and security for the forest dependent population.

Forests play a significant role in the development of the State. Forests as a life support system play a very crucial role in the ecological stability and economic security. They provide key ecosystem services enabling water and soil conservation, maintenance of carbon dioxide balance, fresh air generation and biodiversity conservation. It is the forests that have preserved the soil and plays a vital role in ensuring water resources, which in turn have acted to enrich agricultural lands. Forests help in recharging both the surface and ground water resources in a sustainable manner. Management of forests aims to conserve the forest lands and its resources besides achieving high levels of productivity. Forest Mission aims at ensuring environmental stability and maintaining the ecological balance, which help in sustenance of all life forms.

## **Threats to Forests**

The world's forests fulfill many roles such as providing renewable raw materials and energy, maintaining biodiversity, and protecting land and water resources. However, they are damaged by fire, agricultural and urban expansion, and other disturbances. Deforestation and degradation of the world's forests harm communities, economies, plants and animals, and the basic ability of forest ecosystems to function and provide services such as fresh water, that benefit people everywhere.

Deforestation is a very real environmental threat. Degradation of Forests has an adverse impact on various life support systems such as water resources, agriculture, bio-diversity and environment. Many of the forests that remain are severely fragmented, compromised in their ability to shelter wildlife or to provide services to people.

## **Forests & Climate Change**

Climate change has emerged as the leading environmental issue in the recent past. Climate change is defined as the rise in average temperature of the Earth's atmosphere and oceans since the mid-20<sup>th</sup> century (Solomonetal, 2007). The cause of rapid climate change is primarily attributed to two main kinds of human actions; burning fossil fuels and clearing or degrading natural ecosystems. These activities release carbon dioxide into the atmosphere at an alarming rate.

Forestry has been a contentious topic in Climate Change negotiations. Forests play a key role in mitigation and adaptation of climate change. They influence climate change mainly by affecting the amount of carbon dioxide in the atmosphere. Forests sequester and store more carbon than any other terrestrial ecosystems and are an important natural brake on climate change. When forests grow, carbon is removed from the atmosphere and absorbed/stored in wood,

leaves and soil. Because forests can absorb and store carbon over an extended period of time, they are considered “carbon stocks”. This carbon remains stored in the forest ecosystem, but can be released into the atmosphere when forests are bunt.

### **Forest Fire**

Fire, from natural and human causes, has been a major factor in the development and management of forests. Forest fires are considered as one of the major causes of degradation of forests worldwide. Fire depending on where, when and why it occurs can be either an essential factor or otherwise in the ecological cycle it is a destructive unnatural threat (NRSA,2006). The positive effects of fire include stimulating growth and maintaining various ecological systems. The negative effects of fire include hazard to life and property, atmospheric pollution, and water contamination. Though some forest ecosystems have adapted to frequent fires and benefit from them, others are damaged by them.

Every year, millions of hectares of forests are consumed by fire, with loss of human and animal life and substantial economic damage along with loss of biodiversity and release of carbon to the atmosphere. Generally it is said that the human activities are depleting these green carbon stocks and releasing Carbon-di-oxide into the atmosphere.

The biggest effect fire has on wildlife is the change in their habitats. Wildlife habitats, the forests, are not static; they evolve and respond to disturbances as do other natural systems. Fire changes the proportion, arrangement, and characteristic of habitats across the landscape. Immediately after a fire, there can be temporary loss of food and shelter. Fires can cause the displacement of territorial birds and mammals, which may upset the local balance and ultimately result in the loss of wildlife.

Burned forests become impoverished of small mammals, birds and reptiles, and carnivores tend to avoid burned over areas. The reduction in densities of small mammals such as rodents can adversely affect the food supply for small carnivores. Fires also destroy leaf litter and its associated arthropod community, further reducing food availability for omnivores and carnivores.

In forests where fire is not a natural disturbance, it can have devastating impacts on forest vertebrates and invertebrates – not only killing them directly, but also leading to long term indirect effects such as stress and loss of habitat, territories, shelter and food. The loss of key organisms in forest ecosystems, such as invertebrates, pollinators and decomposers, can significantly slow the recovery rate of the forest.

**The Major Forest type:**

*	Tropical Wet Evergreen Forests
*	Tropical Semi Evergreen Forests
*	Tropical Moist Deciduous Forests
*	Tropical Dry Deciduous Forests
*	Tropical Thorn Deciduous Forests
*	Tropical Dry Evergreen Forests
*	Subtropical Hill Forests
*	Littoral and Swamp Forests
*	Montane Wet Temperate Forests

**Objectives of Forest Management**

To meet the increasing expectations and demands the forests of Tamil Nadu are being managed with the following broad objectives:



- ✓ Biodiversity and genetic resource conservation by protection of forests and wildlife.
- ✓ Management of wildlife resources at Landscape level with better Inter-State Coordination.
- ✓ Augmentation of water resources in forest areas.
- ✓ Rehabilitation and restoration of degraded forests to improve the quality and enhance the growing stock.
- ✓ Enhancing tree cover outside forests for livelihood security and economic prosperity.
- ✓ Welfare of tribal and forest fringe communities for assured socio-economic stability.

### **Strategies**

In order to meet the above objectives, the following forest strategies are in place offering scope to meet the rapidly changing societal demands for goods and services.

- ✓ Biodiversity and genetic resource conservation.
- ✓ Wildlife management in terrestrial and marine landscapes.
- ✓ Catchment area protection for enhanced water augmentation.
- ✓ Enhancing Carbon Stocks and Mitigating Climate Change.
- ✓ Forest health and protection.
- ✓ Increasing tree cover outside forests.
- ✓ Socio-economic development of forest dependent communities.
- ✓ Tribal Development & People supported Eco-tourism.
- ✓ Strengthening Infrastructure development.
- ✓ Research and Extension.

### **Forest Fire**

Fire has been used by humans in rituals, in agriculture for clearing land, for cooking, generating heat and light, for signaling,

propulsion purposes, smelting, forging, incineration of waste, cremation and as a weapon or mode of destruction.

Forest fire is common in India. It is as old as forests itself. It is one of the important hazards that forests face in India. Fire being a good servant and poor master, has been responsible for causing immense damage to both forest fauna and flora including soil inhabitants. Most fires in forests today are caused by humans. They are the result of a misuse of fire for conversion of forests to agricultural lands, maintenance of grazing lands, extraction of non-wood forest products, hunting, and clearing of land for mining, industrial development and resettlement (<http://www.greenfacts.org/>).

### **Causes for fire**

Forest fires may be caused by many different types of factors. Some of these causes include-

- Natural causes - fires caused by lightning and fires caused by volcanic eruption, which are rare in Indian context.
- Manmade - fires caused by both intentionally and unintentionally. In India, about 99% of forest fires are human related and most of the forest fires are caused by the people deliberately and have a close relationship to their socio-economic conditions (NRSA, 2006).

### **Some of the causes of forest fire are:**

#### **Intentional causes include-**

##### **a. Fires caused with the intention of profit making like.**

- Fire set in an attempt to encroach forestlands.
- For renewal of pastures at the expense of forests.
- To regain agricultural terrain at the expense of forests.
- Fire caused by poachers, timber smugglers etc.



- To destroy evidences of illegal activities.
- Fire by miscreants.
- Fires caused by the burning of waste in illegal dumps etc.

b. Fires caused by locals for livelihood like

- Fire by grazers for fresh growth of grass for their cattle.
- Fire to facilitate easy Non Timber Forest Produce collection.
- Fire set to clear forests for Shifting cultivation.
- Fire thrown after honey collection.
- Careless handling of acid during resin tapping.
- To scare/flush out animals to hunt.
- Incendiary fires against forest officials/policies etc.

**Un-intentional / negligent causes include –**

- Fire leftover by travelers, campers and picnickers
- Fire that escape from neighboring agricultural lands while clearing agricultural residues.
- Fire that escape from prescribed burning/control burning etc.,

**Impacts of forest fire**

Forest fires cause wide ranging adverse local. Regional and global / Social, economic and ecological impacts like.

- Degradation of water catchment areas resulting in loss of water
- Soil erosion affecting productivity of soils and production.
- Change in micro climate of the locality and altering living conditions
- Loss of valuable timber resources and production.
- Loss of natural regeneration and reduction in forest cover.
- Loss of biodiversity and extinction of plants and animals.
- Loss of wildlife habitat.
- Global warming due to depletion of carbon sinks.
- Increase in percentage of greenhouse gases in the atmosphere, resulting in a rise in temperature.
- Others etc.

## **Types of Forest Fire (NRSA, 2006)**

1. Creeping Fire: Spreads slowly over the ground surface, burning with low flame.
2. Ground Fire: Destroys only the forest floor vegetation and to certain extent of shrubs.
3. Surface Fire: A forest fire may burn primarily as a surface fire, spreading along the ground as the surface litter (senescent leaves and twigs and dry grasses etc.) on the forest floor and is engulfed by the spreading flames. Affects ground flora, herbs, shrubs, undergrowth and younger regeneration. The most common type of forest fire.
4. Crown Fire: Destroys the crown of trees of upper canopy. The most destructive type of forest fire, in which the crown of trees and shrubs burn, often sustained by a surface fire.

## **Factors that influence forest fire and its severity**

Factors that influence forest fire and its severity can be classified into four groups as

- I. Forest type and density: The availability of flammable material induces fire. All kind of plant residues, trees, shrubs, grass forms the fuel load or base for fire. In a forest environment, Forest type and density contributes for the fuel load.
- II. Climatic factors: The climatic condition influences vegetation type and density of a particular locality and hence the climatic condition plays a role in the availability of fuel load. Warmer climate allows fuels to dry faster, adding to the rage of fire incidents; while moisture lower the rate of fire incidents. Precipitation has a direct impact on fire prevention.
- III. Topographic factors: The lay of the land has a direct influence on forest fire behavior. Elevation, Aspect and Slope affect the

microclimatic condition and indirectly influences vegetation. Southern and south-western slopes, exposed to direct rays of sun are more vulnerable to catch fire. Depending upon the slope, fire travels uphill much faster than downhill. In higher elevations the velocity of wind will be high, which influences the spread of fire.

- IV. Human Influence: Human interference leads to increased incidents of forest fire. The proximity of forests to roads and settlements provide chances for both willful and accidental fire.

### **FOREST FIRE STATUS IN SALEM DISTRICT**

The erst-while Salem Forest Division comprises of present Salem, Dharmapuri, Namakkal, Krishnagiri, Parts of Erode & Karur districts. During the district re-organization in the year 1960 the new Dharmapuri Division has been formed and bifurcated from Salem Division. Further, during the year 1980 the erst-while Kalrayan Division was formed with its Head quarters at Karumandhurai for giving importance to the afforestation activities. Then, the Attur division was formed after carving a portion of Namakkal District & major portion from Salem Division. The newly formed Attur division effected since 1990 with its head quarters at Attur. During 2006 Namakkal Division has been formed by bifurcating Rasipuram, Kolli Hills and Namakkal Taluk of Salem District. Recently the Attur Division has been merged with Salem Division for better management of Forest administration vide G.O.No.159 E & F (FR-spl.B) Dept., Dated 26.12.2017.

The Salem Forest Division controls the administration of the Forests in the revenue taluks of Salem, Attur, Peddanaikkenpalayam, Gangavalli, Thammampatty, Omalur, Edappady, Mettur, Sankagiri, Yercaud and Kadayampatty.

### **Configuration of the Division**

Salem Forest Division consists of discontinuous hilly ranges varying in different sizes, undulating foot hills and plains. For the purpose of easy description, they may be divided into the following categories or in groups:

1. Shervaroy Hills
2. Palamalai Hills
3. Kanjamalai Hills
4. Jarughumalai Hills
5. Nagaramalai Hills
6. Suriyamalai Hills
7. Pachamalai Hills
8. Kalrayan Hills
9. Godumalai Hills
10. Other Hills.

### **1. Shervaroy Hills**

The Shervaroy hills occupy the Eastern Ghats part of this Salem Division which is traditionally famous sandal wood mountains. The poor man's Ooty the "Yercaud town" is a hill station located on this hills. Yercaud is otherwise known as Queen of hills bearing very rich diversity of flora & fauna. It's not only important hill station in the Eastern Ghats but historically & culturally a unique place in Tamilnadu.

### **2. Kalrayan Hills**

The Kalrayan hill occupies the North Eastern part of this Division. The major part of these hills lies in Kallakurichy forest division and in Harur Forest Division. The outer Southern slopes of these hills forming part of the Kalrayan hills in Salem Division. The Western portion of the Kalrayan hills in Salem Forest Division lies in Valapady Range and the Southern slope of the hills lies in Attur Range and the Eastern part of the hills lies in Kallakurichy Division. The Plateau within the limits of Salem Division is about 160 Sq Kms. The approximate length of the hill is about 40 Km and a width of 25 Kms. The General altitude level is only 650 m to 800 m. The boundary line between Salem and Vilupuram District passes along the top of these hills. At either end of the hills is with two historic passes. Attur pass in the South and Chengam pass in the North leading to Salem

through which Hyderali poured his troops in to this part of the country from the plateau of Mysore.

### **3. Attur 'Pachamalais' Hills - 'Green Mountain'**

The compact block lying to the east of the hills occupies the Southern part of the Salem Forest Division. This hill is separated from Kolli hills by the Thammampatty valley. The Northern half of Pachamalais lies in Salem District. The Southern portion of the hills lies in Trichirapalli District. The plateau which lies in Salem Division contains only three isolated small reserves namely Vengamudi, Periasolai and Vancharai. The West of the plateau is under cultivation. The boundary between Salem and Trichirapalli Revenue District runs east to West across the plateau dividing them in equal portions. The hill slopes are often steep and they contain some of Reserves of Thammampatty Range. Towards the top, the jungle is dense with bamboo and thorny bushes.

### **4. Other Hills**

Several small isolated hills of Reserved Forest, Reserved lands and unreserves lie scattered all over the division such as Arunoothumalai, Neyyamalai, Sekkadipatty, Paithur, Palamalai and Oppusamalai, Godumalai, Karungaradu, Vellalagundam and other. These small and isolated hills are neither large, nor valuable enough to merit more detailed considerations.

### **Water Resources of the Division**

Salem District occupies a prominent place among the dry districts of the Tamilnadu state. Most of the arable lands in the District are dry and the crops are mainly rainfed. The tract generally receives poor rainfall from the South west and North east monsoons which are noted for their fickleness. The plateaux and slopes of the

Shevaroyis, Palamalai, Kollimalai, Kalrayan and Pachaimalai forms the catchments of many small streams, most of which are only semi-perennial or seasonal. In summer, there is either no water on these small streams or it may be found in isolated small pools along the streams beds. Even in the major rivers of these hills, the flow is reduced to a trickle in the summer month before the rains.

**The following rivers are flowing through the Salem Forest**

**Division.**

1.	Cauvery river	6.	Komugi nadhi
2.	Thirumani Mutharu	7.	Vellaru
3.	Sarabhangana nadhi	8.	Vasista nadhi
4.	Kattaru	9.	Swetha nadhi
5.	Anaimaduvu Aaru	10.	Many other streams

Water flows only in the above rivers during rainy seasons. The major reservoir of Tamilnadu ‘the Stanley Reservoir’ located in Mettur of this division and Kariyakovil Dam is situated in Pappanaickenpatti Village (foot-hills of Kalrayan hills). The Puluthikuttai Dam was situated in Puluthikuttai Village.

**Administration**

The Salem Forest Division comprises into 14 Forest Ranges out of which 9 Forest Ranges are Territorial Ranges and remaining 5 Forest Ranges are functional Ranges:

**Territorial Ranges:**

1.	Shervaroyis South Range	-	Head Quarters at Salem
2.	Shervaroyis North Range	-	Head Quarters at Pappireddipatti
3.	Danishpet Range	-	Head Quarters at Danishpet
4.	Mettur Range	-	Head Quarters at Mettur
5.	Yercaud Range	-	Head Quarters at Yercaud
6.	Attur Range	-	Head Quarters at Attur

7.	Valapadi Range	-	Head Quarters at Seshanchavadi
8.	Thammampatty Range	-	Head Quarters at Thammampatty
9.	Kalrayan Range	-	Head Quarters at Karumandurai

**Functional Ranges:**

1.	Kurumbapatti Zoological Park	-	Head Quarters at Kurumbapatti
2.	Single Lock Officer	-	Head Quarters at Salem
3.	Double Lock Officer	-	Head Quarters at Salem
4.	Survey and Demarcation Range	-	Head Quarters at Kattukottai
5.	Forest station Range	-	Head Quarters at Kattukottai

Geographical area of Salem Division is 125266.253 hec. Consisting of 134 Reserved Forests, 38 Reserved Lands and 13 Un-Reserved Lands.

**DETAILS OF RESERVED FORESTS UNDER THE CONTROL OF SALEM DIVISION**

Sl. No.	Name of the Range	Reserved Forests	Hectare
1	Shervaroys South	8	16221.0300
2	Shervaroys North	14	12580.4750
3	Yercaud	9	2627.7871
4	Danishpet	15	12656.5050
5	Mettur	10	16217.8550
6	Attur	9½	19217.310
7	Valappadi	12	17258.445
8	Thammampatty	11½	15247.195
9	Kalrayan	45	3461.850
	<b>Total</b>	<b>134</b>	<b>115488.452</b>



**DETAILS OF RESERVED LANDS UNDER THE CONTROL OF  
SALEM DIVISION**

<b>Sl. No.</b>	<b>Name of the Range</b>	<b>Reserved Lands</b>	<b>Hectare</b>
1	Shervaroys South	5	909.9480
2	Shervaroys North	1	841.7200
3	Yercad	3	208.400
4	Danishpet	2	20.8800
5	Mettur	7	955.5880
6	Attur	3	1234.410
7	Valappadi	1	924.165
8	Thammampatty	7	2499.485
9	Kalrayan	9	1528.610
	<b>Total</b>	<b>38</b>	<b>9123.2060</b>

**DETAILS OF UNRESERVED LANDS UNDER THE CONTROL OF  
SALEM DIVISION**

<b>Sl. No.</b>	<b>Name of the Range</b>	<b>Unreserved Land</b>	<b>Hectare</b>
1	Yercaud	1	30.4500
2	Danishpet	3	98.0300
3	Mettur	5	366.3350
4	Attur	2	15.730
5	Thammampatty	1	139.350
6	Kalrayan	1	4.700
	<b>TOTAL</b>	<b>13</b>	<b>654.5950</b>

## **ABSTRACT**

<b>Sl. No.</b>	<b>Details</b>	<b>Nos</b>	<b>Hectare</b>
1	Reserve Forests	134	115488.4520
2	Reserve Land	38	9123.2060
3	Unreserved Land	13	654.5950
	<b>Total</b>	<b>185</b>	<b>125266.2530</b>

### **Kurumbapatti Zoological Park, Salem**

Kurumbapatty Zoo was established as a Mini Park in 1981 over an area of 11.07 hec in Kurumbapatty RF at the foothills of Shevaroy, located just 8.00 kms from Salem City. This Zoo was managed by the Forest Range Officer, Sher. South Range. The Park attracts large number of visitors including the tourists visiting Yercaud, especially during holidays. At present the numbers of visitors are more than one lakh every year.

### **Forest Fire Management Plan**

Salem District is one of the Districts endowed with Moderate rainfall and fairly good forest area. The total forest area in this District is 5,237 Sq. km. which forms about 28.32% of the total geographical area of the District.

The Management Plan deals with the Forest Areas of Salem Forest Division which was constituted as per G.O.Ms.No.3146 Forest Dept. dated 16.9.1965 setting aside the areas added to Attur Forest Division and on bifurcation of erstwhile Salem Division as per G.O.Ms.No.384 E & F Dept. dt. 18.6.1990 Rasipuram, Namakkal and Kolli hills Ranges were brought under the control of Namakkal Forest Division. Subsequently the geographical jurisdiction of Mettur territorial Range from Erode Division was attached to Salem Forest Division w.e.f. 04.04.2006 as per proceedings of Principal Chief Conservator of Forests, P.No TS1/72425/2005 dated 23.03.2006. The Salem Forest Division covers with revenue jurisdiction of

Salem District. The RF and RL areas of erst-while Attur Forest Division (Merged with Salem during 2018) and Mettur Range also coming under the revenue jurisdiction of Salem district. Hence the Geographical jurisdiction of Salem Forest Division is extended only with the present Salem District.

**District Details and Forest cover details:**

Total Geographic Area	-	5,237 Sq. km
Total Forest Cover (As per ISFR 2017)	-	1,483 Sq. km
Percentage of Forest Cover (% of GA)	-	28.32 %
<b>Change (Compared to 2015 Report)</b>	-	<b>+ 46 Sq. km</b>
Reserved Forests	- 134 Nos.	- 115488.45 Hect.
Reserved Lands	- 46 Nos.	- 9984.09 Hect.
Unclassified lands	- 13 Nos.	- 654.05 Hect.
<b>TOTAL</b>	<b>- 193 Nos.</b>	<b>- 1,26,128 Hect.</b>

**Salem Division Details:**

Salem Division divided into 14 Ranges, of which 9 Territorial Ranges and 5 functional Ranges. The functional Ranges include Kurumbapatti Zoological Park Range, Survey & Settlement Range, Forest Extension Range, Single Lock Range (SLO) & Double Lock Range (DLO). The Single lock & Double lock ranges deals only with Sandal depots located in Salem city. The Details of territorial Ranges are as Follows:-

Sl. No	Name of the Range	Area (in Hect)				Total No. of Section	No. of Beats
		RF	RL	URL	Total		
1	Shervaroys South	16221.03	909.95	-	17130.98	3	12
2	Shervaroys North	12580.47	841.72	-	13422.19	3	8
3	Danishpet	12656.50	20.88	98.03	12775.41	3	10
4	Mettur	16217.85	955.58	366.33	17539.76	3	11
5	Yercaud	2627.78	208.40	30.45	2866.63	3	3
6	Attur	19217.31	1234.41	15.730	20467.45	3	14
7	Valapadi	17258.44	924.165	-	18182.60	3	14
8	Thammampatti	15247.19	2499.48	139.35	17886.02	2	10
9	Kalrayan	3461.85	1528.61	4.70	4995.16	2	6
	<b>Total</b>	<b>115488.42</b>	<b>9123.19</b>	<b>654.59</b>	<b>125266.20</b>	<b>25</b>	<b>88</b>

#### **Forest Types of Salem District:**

- ✓ Carnatak Umbrella Thorn Forest
- ✓ Dry deciduous scrub
- ✓ Dry Teak Forest
- ✓ Dry Tropical RivErine Forest
- ✓ Secondary dry deciduous forest
- ✓ Southern dry mixed deciduous forest
- ✓ Southern Thorn Forest
- ✓ Southern Tropical dry mixed deciduous forest
- ✓ Southern dry tropical Riverain forests
- ✓ Southern sub tropical broad leaved hill forests

#### **History of forest fire in Salem Division:**

Salem is one of the oldest divisions in forest administration. There was no major forest fire reported in this division and hence there was not much damage happened to the forest resources, human population and livestock population. However every year few minor forest fires are reported in Shervaroys South, Shervaroys North, Danishpet, Mettur, Yercaud, Attur, Valapadi, Thammampatti and Kalrayan range areas are most vulnerable.

### **Area affected by Forest Fire:**

Fires are regular annual feature in Salem Division during the summer months extending from January to June and if southwest monsoon fails, the fire hazard extends up to September. In the natural forests the outer slopes upto an elevation of 350 metres are the worst affected by fire because of topography and grazing interests, and cause considerable damage to the sandal and bamboo forests. Though most fires are ground fires, the damage caused by it, in wiping out the sandal regeneration is enormous. The effects after such fire had been the invasion of species Lantana, which subsequently becomes the permanent risk of repeated fires. The plantations situated along the highways are the worst affected. Majority of fires are started either by graziers deliberately to get a new flush of grass for their cattle in the freshly burnt areas or by the carelessness of the way-farers who frequent the paths (which are right of way) that passes through the forests.

### **SALEM DISTRICT FIRE DATA - (2009– 2023)**

**(as on date 31.08.2023)**

#### **Month-wise Forest Fire Incidents with RF & RL in Salem Forest Division, Salem.**

<b>Month</b>													
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
2009	0	10	18	2	0	0	0	0	0	0	0	0	30
2010	0	5	10	0	1	0	0	0	0	0	0	0	16
2011	0	2	8	2	0	0	0	0	0	0	0	0	12
2012	0	15	28	0	0	0	0	0	0	0	0	0	43
2013	0	8	20	1	0	0	1	0	0	0	0	0	30
2014	0	8	51	18	0	0	0	0	0	0	0	0	77
2015	0	5	7	0	0	0	0	0	0	0	0	0	12
2016	0	11	16	0	0	0	0	0	0	0	0	0	27
2017	1	15	7	8	0	0	0	0	0	0	0	0	31
2018	0	5	21	3	0	0	0	0	0	0	0	1	30
2019	4	25	16	15	0	0	0	0	0	0	0	0	60
2020	0	0	0	0	4	7	1	0	0	4	6	1	23

<b>2021</b>	0	9	10	5	0	0	0	0	0	0	0	0	<b>24</b>
<b>2022</b>	0	1	4	1	1	1	0	0	0	1	0	0	<b>9</b>
<b>2023</b>	2	3	2	5	0	0	1	1	0	0	0	0	<b>14</b>
<b>2024</b>	0	6	20	16	1	0	0	0					<b>43</b>
<b>Total</b>	<b>9</b>	<b>131</b>	<b>240</b>	<b>81</b>	<b>7</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>495</b>

**Forest Fire Protection Measures:**

The fire protection measures, which should be oriented to tackle these basic causes of fire enumerated above, will fall into two categories.

**(A). Direct Measures and (B) Indirect Measures.**

**A) Direct Measures:**

Fires are a common feature of the division in the dry months and are more severe on the outer slopes than on the plateau and the plain areas. They are caused mostly by graziers and are seldom accidental. Protection from fires in past in the hills has so far been achieved mostly through the fire-reward system, under which convenient sub-divisions of forests areas in each range are allotted to the inhabitants of hill villages for fire protection. In return for their services, the villagers are paid fire rewards annually. This system has worked quite satisfactorily in the past. However, the implementation of system needs rejuvenation at present, as it is most ineffective now.

In addition to the above and in areas, which do not fall under the fire rewards system, the following measures are suggested.

**Fire line:**

Fire tracing of certain external and internal lines in vulnerable areas every year so that they will localize or prevent further spread of the fires. Even if tracers, rush to the spot, irrespective of time and extinguish with the most elaborate network of fire lines, a forest cannot be made fire proof but they will definitely confine the damage to smaller areas. The external lines or block lines (i.e., major fire lines) are the most important and they shall be cleared to a width of 6 metres and fire traced annually. The cut materials will be heaped in the middle portion of the fire line and burnt.

It is advantageous to build a set of interior fire lines with the aid of existing roads and paths. In the case of roads, a fire line 3 metres wide will be cut on either side beyond the side drains. All grasses and shrubs in this line will be cut and heaped in the center of the fire line and burnt, when dry. In the case of paths after allowing a 2 metre wide for the path of metre wide fire lines will be cleared on either side of the path and the cut materials will be heaped in lines and burnt. Only important paths and roads passing through the vulnerable areas need to be cleared in this manner.

The Kanavoipudur and Gundakkal RFs will be protected from the possibility of fire from the sparks of the railway engines by burning strips 26 metres on either side from the center of the railway track. All these fire tracing work should be completed by end of December each year. The incident of fire occurred during the last 10 years i.e., from 2006 to 2016 is attached in Appendix Separately.

The above data clearly indicated that forest area of Salem Division is susceptible to fire. The above data are only about the fire reported by respective Forest Ranger. There may be many fire incidences which have not been reported by Forest Ranger.

Based on the occurrence of fire incidence in the past, the following fire lines are proposed. These fire lines should be of six meter wide and fire lines clearance should be completed preferably in last week of November / first week of December. The total length of the fire line to be maintained is marked in R.F maps attached to this plan. The District Forest Officer, Salem will be at liberty to maintain any additional fire lines as per need assessed by him.



### **Fire-fighting Operation:**

Immediately on the outbreak of fire, the local subordinates should muster sufficient men from settlements if any, and through village peoples/Village Forest Protection Committee and rush to the spot irrespective of time and extinguish the fire by beating it out with tree branches removed or by throwing earth on it or by counter firing. In practice certain fires are allowed to spread and get extinguished of its own, due to the presence of natural barriers and the subordinates rarely take it serious to mobilize villagers to extinguish the fire before it covers large areas.

All the fire occurrence reports will be submitted to the Dist. Forest Officer in accordance with the existing procedure. A detailed investigation should be carried out about the cause of fire and offender should be brought to book promptly in case of manmade fire. The non-bail able case should be registered against offender under Tamilnadu Forest Act at the earliest.

In coupes and other leases, the contractors of the lessee, if any, should be held responsible for the incidence of fires in their lease units.

Various soil and water conservation measures and agave row planting under TAP scheme are expected to reduce the fire risk considerably. The man power executing these works throughout the year will also be available for fire patrol and fire fighting.

### **Fire Patrol Activities:**

To supplement the above measure, fire watchers will be employed during the fire season. These fire watchers will perambulate vulnerable areas and assist the beat subordinates in detection of and extinguishing the fires. The forest staff should see that these watchers are actively engaged and are constantly on the move in the areas allotted to them. The District Forest Officer will decide the number of fire watchers depending upon the seriousness of the fire.

## **B) Indirect Measures:**

One of the main causes of fire is willful setting of fire by graziers for getting succulent new flush of grass in the areas after the rains. Such burnt areas should immediately be closed to grazing as a punitive measure with the concurrence of the concerned authorities if any, as per the provisions made in Forest Manual so that the advantage of burning is least to the graziers. The information of closing such areas should be sent to the collector and the Principal Chief Conservator of Forests / Chief Conservator of Forests immediately. Following are few measures for controlling fire indirectly.

### **Issue of Merit Certificates:**

Every year merit certificates may be issued to the beat subordinates who protect their beats effectively from fire, and also to those who detect the culprits and get them convicted in the court.

In the forest village system for effective fire protection, a reward system may be introduced as was done during 1970's. Under this, a consolidated amount may be provided to Division and District Forest Officer may give reward to Hill Tribes after getting sanction from Chief Conservator of Forests. The amount of reward to be given to individual may be left to the judicious discretion of District Forest Officer, Salem. In other areas of the division where forest village system is not in force, the fire rewards will be given to the villagers. Special incentive should be given to the fire informants. Erecting sign boards in the vernacular language at in the junctions of important roads especially those in the Reserve forests with some slogans will be very useful.

### **Fire Maps:**

Fire maps will be maintained in the Dist. Forest Office for each reserve forests on scale of 1:50,000 in accordance with the National Working Plan Code. Every case of fire will be marked on the maps, after giving serial numbers to the fire incidence in chronological orders. The date of fires will be shown on the maps. One set of maps will be used for the plan period. Fire of each year being distinctly marked with the different colors or symbols. Inspection of fire burnt areas should be done immediately after the fire occurrence. This will form the basis for proposing new fire line during the revision of this plan in 2025-26.

### **Fire Control Journal:-**

A note book containing information of areas closed on account of fire, details of fire incidence, remarks on implementation of fire protection measures, amount spent, length of firelines traced etc., will be recorded for each range. District Forest Officer will also record his observations on the adequacies or inadequacies of the measures prescribed and implemented and his suggestions and changes advocated. This record will be very helpful in plan drafting in future.

### **Fire Fighting Squad (FFS) for Ranges**

Forest fires are as old the forests themselves and are mostly good for the ecology as well as for regeneration. They often helping the forests to get rid of its natural wastes like dry grass, tree needles, and thick bushes. But as the saying goes: **fire is a good servant, but a bad master.**

A problem erupts when the fire becomes un-tamed and destroys the entire, or most of the flora and fauna of the region, hence severely affecting the ecological balance. The effects of forest fires include – depletion of the ozone layer, soil erosion, and loss of forest cover, habitat and the livelihood of many tribal and rural people.

The Himalayan regions and the dry deciduous forests of India, particularly in Andhra Pradesh, Assam, Chhattisgarh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Odisha & Tamilnadu are ecologically sensitive areas and are most affected by these fires. However, the results of a forest fire are more grievous than those mentioned above. For instance, fires clear forests to such extent that the rain-water simply flows through the area without recharging the ground water level.

The Forest Survey of India, data on forest fire attribute around 50% of the forest areas as fire prone. Though in the absolute term, out of the 63 million ha. of forests an area of around 3.73 million ha is worst affected by fires annually.

A large fraction of India's deciduous and semi-deciduous forests is characterized by open and frequently burned stands. To reduce water stress the deciduous trees shed their leaves during the dry season. These fuels, together with the grass layer, allow the development of low- and medium-intensity surface fires almost every year. Many open forests are even affected by fire twice or three times per year.

**Natural Causes:**

- Lightening
- Rubbing of dry sticks/Bamboos
- Friction due to rolling stones

**Man- Made Causes:**

- Shifting Cultivation
- Covering up Illicit felling of trees
- Clering path through the forest
- Tribal Traditions
- NTFP Collections
- Accidental causes

## **Fire Control Methods**

During the British rule, fires were controlled by removing forest litter like dry leaves and twigs along the forest lines during the summer season. This would prevent the fire from spreading to the other parts of the forest. This plan is way too simple to be applied to forests which range widely in terms of size.

- Prevent fires by educating the people about the same and increasing people participation in Joint Forest Fire Management.
- Early detection and warning system through a well co-ordinated system of observation points, efficient ground patrolling and communication network.
- Increased emphasis on training, research, and education.

Forests fires have in fact increased over the years. Disaster management teams and the forest officials have also not been effective. The need of the hour is to regularly keep track of the state of the forest through images taken from satellites, increased ground staff and establishing a relation between the officials and the tribal people for increased co-operation to avoid such incidents in the future. In order to get better cooperation of the Tribals with the ground level officials for the effective coordination, we need to have special teams called '**Fire Fighting Squads**' at Range level.

### **Fire Fighting Squad (FFS)**

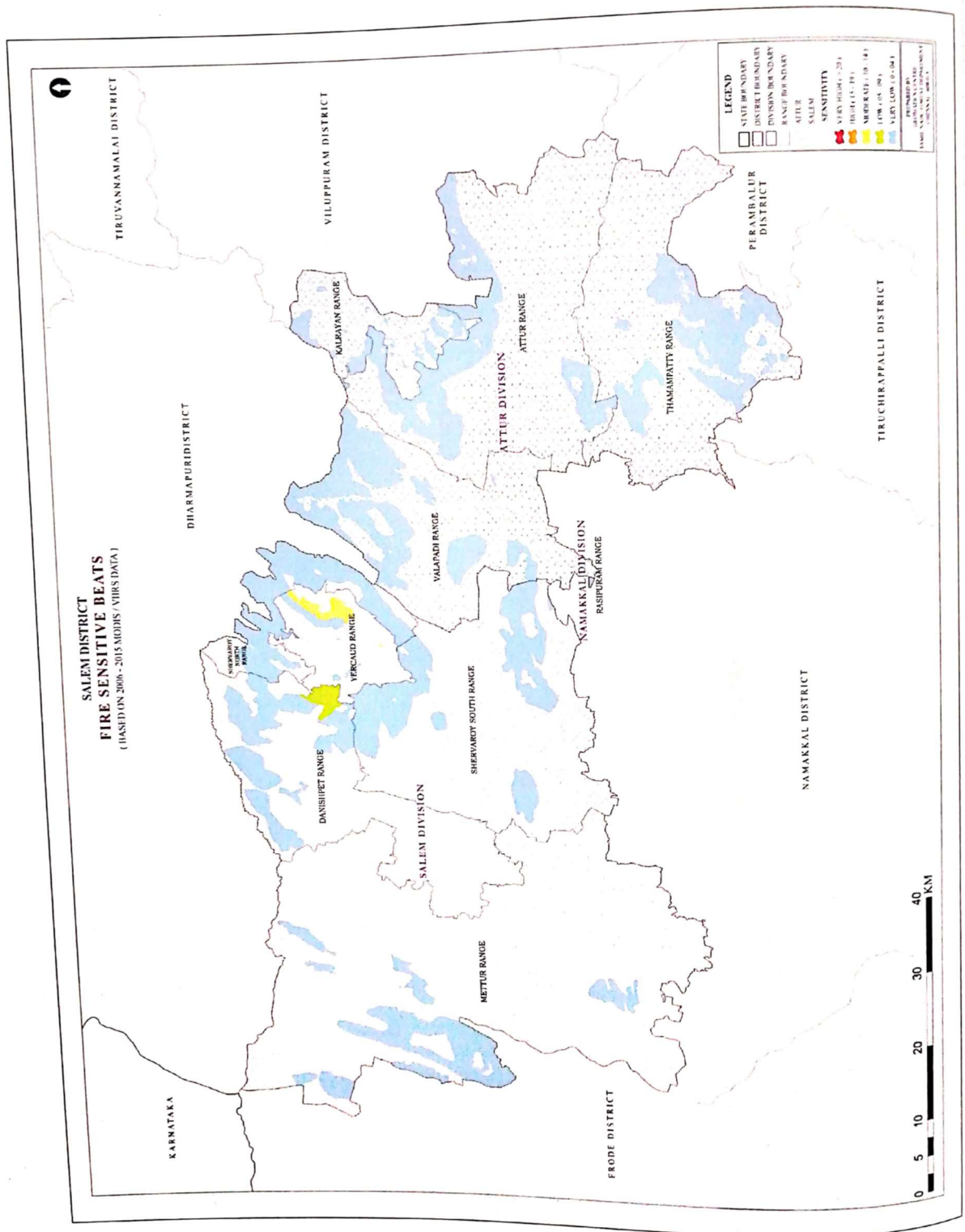
**A** Fire Fighting Squad (FFS) shall comprise of 10 persons mainly drawn from the local communities with a preference to rural unemployed Tribal youths. There shall be one squad per Range in all territorial divisions. The divisional control room should monitor the deployment by maintaining a register to record vital information. The squad will be provided with mobility, fire blower, uniforms, fire fighting equipments etc., so as to enable them to discharge their duties

diligently. Each squad may be provided with GPS to record the fire incidence details along with photography's for monitoring at Division level. A good vehicle will be provided to each squad on hiring basis for easy mobility. The squad should be stationed at a strategic location within the Range jurisdiction to have access to every fire vulnerable area normally in a barrack or temporary fire shelters. The squad should be in a position **'ready to start'** at all times during fire season.

Prevailing rules and regulations has to be followed while hiring vehicles, it shall be the sole responsibility of the District Forest Officer to adhere to prescribed procedure for engagement of vehicles and get it approved from their respective CCF's. A log book should be maintained for each hired vehicle which shall be recorded by the head of the squad and countersigned by the concerned Range Officer.

### **Output / Results**

- Preventive measures undertaken to control forest fires like fire-lines
- A Ready to fight squad is made available through 24x7 @ Range level
- Tackling of forest fire with all modern fire fighting equipments
- Timely detection, attack & extinguish any forest fire rages in forest
- Effective control of forest fire with Joint Fire Management mode





**CHAPTER - IX**  
**TN – SMART, DAMINI APP**



## **TN-SMART**

Every year Thousands of People are affected by Natural Disasters. To holistically manage disaster risks the Commissioner of Revenue Administration and Disaster Management have signed a Memorandum of Agreement with Regional Integrated Multi-Hazard Early Warning System (RIMES) to develop and operationalise a decision-support system called **Tamil Nadu System for Multi-Hazard Potential Impact Assessment, Alert and Emergency Response Planning and Tracking (TN-SMART).**

TN-SMART is a dynamic web-based system with advanced data analytics capabilities to archive, analyze, model and communicate disaster risk information. The system will act as a data management system for managing and processing weather, disaster risk, vulnerability profile, disaster damage, and emergency response resources data. TN-SMART will be used for assessing potential impacts of a hazard based on weather forecast information in order to evaluate, generate and designate impact management options. Further, the potential risk and impact management options would be communicated to revenue officials at various administrative levels and first responders through a specialized Mobile application, in addition to SMS, Email, Fax and other means. The response tracking functionalities in TN-SMART mobile application would facilitate two ways Communication between SEOC and information user.

The TN-SMART is designed to assist the government to monitor the implementation strategies for compliance with the four priority areas identified in the Sendai Framework:

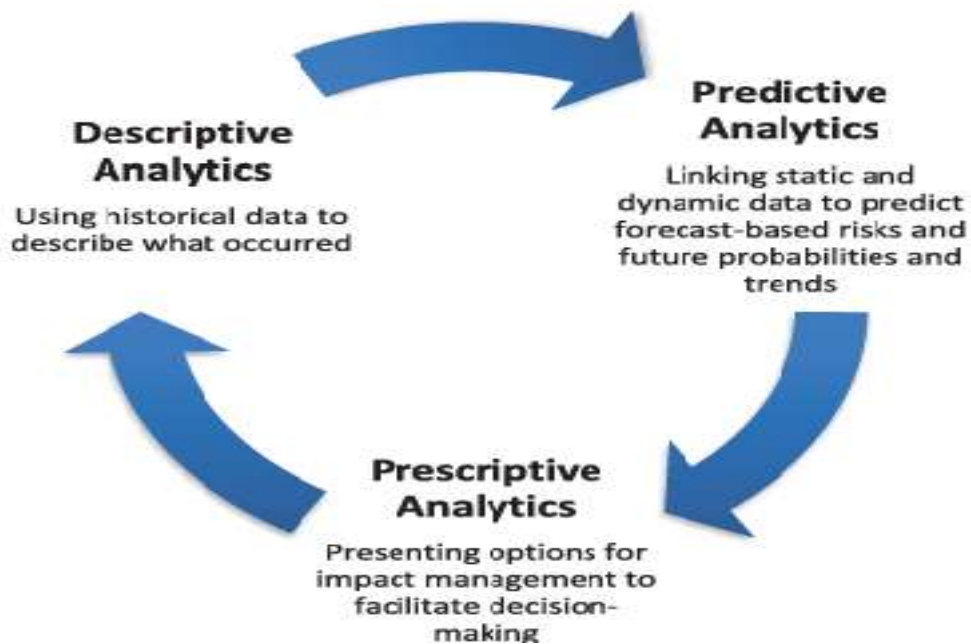
- 1) Understanding Disaster Risk
- 2) Strengthening Disaster Risk Governance
- 3) Investing in Disaster Risk Reduction for Resilience
- 4) Enhancing disaster preparedness for effective response and to 'Build Back Better' in recovery, rehabilitation and reconstruction.

In order to strengthen DEOC, all the officials, of all cadres, belonging to all the Line Departments have been instructed to download the TN-SMART App.

**Details of TN-SMART Mobile App Registration:**

<b>Public</b>	<b>First Responders</b>	<b>Inter Dept. Team</b>	<b>Nodal Officers</b>	<b>Administrators</b>	<b>Media</b>	<b>District Total</b>
6314	1037	1292	246	908	41	9838

The TNSMART engine is built with latest cutting edge technologies such as big-data analytics. It incorporates traditional descriptive analytics to understand risk; predictive analytics to model risk based on hazard forecasts; and prescriptive analytics to provide impact-management options (Figure 1.1). For instance, TNSMART integrates historical-data-based vulnerability mapping with rainfall/storm surge forecast products to assess potential flood scenarios (predictive analytics) based on learnings from past impacts (descriptive analytics). It can then evaluate and disseminate forecast-based alerts and prescribe impact-management options to ensure better preparedness for risk management (prescriptive analytics).



## **DAMINI APP - About Lightning**

### **Lightning:**

A Natural disaster Lightning is a phenomenon that has not only fascinated but also scared mankind. Lightning strikes the earth 50 to 100 times each second. Over 20,000 people get affected by lightning all over the world and several thousand die due to lightning strike every year. The population density, literacy rate and urbanization of the region along with lightning density and Orography of the area play a major role in number of lightning deaths in the region. In India every year more than 2000 people die due to lightning. The Maharashtra records highest deaths due to lightning in India. Specifically, Marathwada and Vidarbha region of Maharashtra show highest deaths due to lightning in India. Lightning is also one of the leading causes of electric power breakdowns and forest fires. It can also cause damages to communication and computer equipment and aircraft.

Most parts of India experiences the thunderstorm activity some or the other time of year. Climatology of thunderstorms over Indian region shows that during pre-monsoon months thunderstorm activity is maximum over south India and decreases towards the north whereas during monsoon thunderstorm activity is maximum over north india and decreases towards south. Climatology of thunderstorm over indian region studied by Tyagi (2007) using 30 year IMD data (1950-1980) show that annual thunderstorm frequency more that 80 thunderstorm days per year occurs over north eastern part of India, some part of Kerala and some part of Jammu-Kashmir.

**Damages due to Lightning and mitigation:** Injuries and fatalities during a thunderstorm often result from people underestimating risks and not seeking appropriate shelter quickly enough in response to an approaching storm. Educational programs addressing the dangers of lightning are necessary aspects of mitigation.



These programs should particularly target the rural areas, where people work on open fields. While no location is completely safe, large, enclosed buildings or enclosed metal vehicles, including cars, trucks, buses, vans and fully enclosed farm vehicles are good choices for shelter. In India, a majority of lightning victims are the people working on the field.

**CHAPTER - X**  
**DO'S AND DON'TS FOR DISASTER**





**People Centered Advisory**  
**(Do's and Don'ts during disasters)**

**CYCLONE:**

**Before the Cyclone season:**

- Check the house; secure loose tiles and carry out repairs of doors and windows
- Remove dead branches or dying trees close to the house; anchor removable objects such as lumber piles, loose tin sheets, loose bricks, garbage cans, sign-boards etc. which can fly in strong winds
- Keep some wooden boards ready so that glass windows can be boarded if needed
- Keep a hurricane lantern filled with kerosene, battery operated torches and enough dry cells
- Demolish condemned buildings
- Keep some extra batteries for transistors
- Keep some dry non-perishable food always ready for use in emergency

**Necessary Actions**

The actions that need to be taken in the event of a cyclone threat can broadly be divided into:

- Immediately before the cyclone season
- When cyclone alerts and warnings are communicated
- When evacuations are advised
- When the cyclone has crossed the coast.

## **When the Cyclone starts**

- Listen to the radio (All India Radio Stations give weather warnings).
- Keep monitoring the warnings. This will help you prepare for a cyclone emergency.
- Pass the information to others.
- Ignore rumors and do not spread them; this will help to avoid panic situations.
- Believe in the official information.
- When a cyclone alert is on for your area continue working but stay alert to the radio warnings.
- Stay alert for the next 24 hours as a cyclone alert means that the danger is within 24 hours.

## **When your area is under cyclone warning get away from low-lying beaches or other low-lying areas close to the coast**

- Leave early before your way to high ground or shelter gets flooded
- Do not delay and run the risk of being marooned
- If your house is securely built on high ground take shelter in the safe part of the house. However, if asked to evacuate do not hesitate to leave the place.
- Board up glass windows or put storm shutters in place.
- Provide strong suitable support for outside doors.
- If you do not have wooden boards handy, paste paper strips on glasses to prevent splinters. However, this may not avoid breaking windows.
- Get extra food, which can be eaten without cooking. Store extra drinking water in suitably covered vessels.
- If you have evacuated the house move your valuable articles to upper floors to minimize flood damage.

- Ensure that your hurricane lantern, torches or other emergency lights are in working condition and keep them handy.
- Small and loose things, which can fly in strong winds, should be stored safely in a room.
- Be sure that a window and door can be opened only on the side opposite to the one facing the wind.
- Make provision for children and adults requiring special diet.
- If the centre of the cyclone is passing directly over your house there will be a lull in the wind and rain lasting for half an hour or so. During this time do not go out; because immediately after that, very strong winds will blow from the opposite direction.
- Switch off the electrical mains in your house.
- Remain calm.

### **When Evacuation is instructed**

- Pack essentials for yourself and your family to last a few days. These should include medicines, special food for babies and children or elders.
- Head for the proper shelter or evacuation points indicated for your area.
- Do not worry about your property.
- At the shelter follow instructions of the person in charge.
- Remain in the shelter until you are informed to leave.

## **Post-cyclone measures**

- You should remain in the shelter until informed that you can return to your home.
- You must get inoculated against diseases immediately.
- Strictly avoid any loose and dangling wires from lamp posts.
- If you have to drive, do drive carefully.
- Clear debris from your premises immediately.
- Report the correct losses to appropriate authorities.

## **FLOODS**

### **What to do before a flood**

#### **To prepare for a flood, you should:**

- Avoid building in flood prone areas unless you elevate and reinforce your home.
- Elevate the furnace, water heater, and electric panel if susceptible to flooding.
- Install “Check Valves” in sewer traps to prevent floodwater from backing up into the drains of your home.
- Contact community officials to find out if they are planning to construct barriers (levees, beams and floodwalls) to stop floodwater from entering the homes in your area.
- Seal the walls in your basement with water proofing compounds to avoid seepage.

#### **If a flood is likely to hit your area, you should:**

- Listen to the radio or television for information.
- Be aware that flash flooding can occur. If there is any possibility of a flash flood, move immediately to higher ground. Do not wait for instructions to move.
- Be aware of streams, drainage channels, canyons, and other areas known to flood suddenly. Flash floods can occur in these areas with or without such typical warnings as rain clouds or heavy rain.

### **If you must prepare to evacuate, you should:**

- Secure your home. If you have time, bring in outdoor furniture. Move essential items to an upper floor.
- Turn off utilities at the main switches or valves if instructed to do so. Disconnect electrical appliances. Do not touch electrical equipment if you are wet or standing in water.

### **If you have to leave your home, remember these evacuation tips:**

- Do not walk through moving water. Six inches of moving water can make you fall. If you have to walk in water, walk where the water is not moving. Use a stick to check the firmness of the ground in front of you.
- Don not drive into flooded areas. If floodwaters rise around your car, abandon the car and move to higher ground if you can do so safely. You and the vehicle can be quickly swept away.

## **TSUNAMI**

### **Do's & Don'ts**

- You should find out if your home, school, workplace, or other frequently visited locations are in tsunami hazard areas along sea-shore.
- Know the height of your street above sea level and the distance of your street from the coast or other high-risk waters. (Local administration may put sign boards).
- Plan evacuation routes from your home, school, workplace, or any other place you could be where tsunamis present a risk.
- If your children's school is in an identified inundation zone, find out what the school evacuation plan is.
- Practice your evacuation routes.
- Use a Weather Radio or stay tuned to a local radio or television station to keep informed of local watches and warnings.
- Talk to your insurance agent. Homeowner's policies may not cover flooding from a tsunami. Ask the Insurance Agent about the benefits from Multi-Hazard Insurance Schemes.
- Discuss tsunamis with your family. Everyone should know what to do in a tsunami situation. Discussing tsunamis ahead of time will help reduce fear and save precious time in an emergency. Review flood safety and preparedness measures with your family.

## **If you are in an area at Risk from Tsunami**

- You should find out if your home, school, workplace, or other frequently visited locations are in tsunami hazard areas.
- Know the height of your street above sea level and the distance of your street from the coast or other high-risk waters. (Local administration may put sign boards). Also find out the height above sea level and the distance from the coast of outbuildings that house animals, as well as pastures or corrals.
- Plan evacuation routes from your home, school, workplace, or any other place you could be where tsunamis present a risk. If possible, pick areas (30 meters) above sea level or go as far as 3 kilo meters inland, away from the coastline. If you cannot get this high or far, go as high or far as you can. Every meter inland or upward may make a difference. You should be able to reach your safe location on foot within 15 minutes. After a disaster, roads may become blocked or unusable. Be prepared to evacuate by foot if necessary. Footpaths normally lead uphill and inland, while many roads parallel coastlines. Follow posted tsunami evacuation routes; these will lead to safety. Local emergency management officials can advise you on the best route to safety and likely shelter locations.
- If your children's school is in an identified inundation zone, find out what the school evacuation plan is. Find out if the plan requires you to pick your children up from school or from another location. Telephone lines during a tsunami watch or warning may be overloaded and routes to and from schools may be jammed.
- Practice your evacuation routes. Familiarity may save your life. Be able to follow your escape route at night and during inclement weather. Practicing your plan makes the appropriate response more of a reaction, requiring less thinking during an actual emergency situation.
- Use a Weather Radio or stay tuned to a local radio or television station to keep informed of local watches and warnings.
- Talk to your insurance agent. Homeowner's policies may not cover flooding from a tsunami. Ask the Insurance Agent about the benefits from Multi-Hazard Insurance Schemes.
- Discuss tsunamis with your family. Everyone should know what to do in a tsunami situation. Discussing tsunamis ahead of time



will help reduce fear and save precious time in an emergency. Review flood safety and preparedness measures with your family.

### **If you are visiting an area at Risk from Tsunami**

- Check with the hotel or campground operators for tsunami evacuation information and find out what the warning system is for tsunamis. It is important to know designated escape routes before a warning is issued.
- One of the early warning signals of a tsunami is that the sea water recedes several meters, exposing fish on shallow waters or on the beaches. If you see the sea water receding, you must immediately leave the beach and go to higher ground far away from the beach.
- Protect Your Property.
- You should avoid building or living in buildings within 200 meters of the high tide coastline.
- These areas are more likely to experience damage from tsunamis, strong winds, or coastal storms.
- Make a list of items to bring inside in the event of a tsunami.
- A list will help you remember anything that can be swept away by tsunami water.
- Elevate coastal homes.
- Most tsunami waves are less than 3 meters. Elevating your house will help reduce damage to your property from most tsunamis.
- Take precautions to prevent flooding.
- Have an engineer check your home and advise about ways to make it more resistant to tsunami water.
- There may be ways to divert waves away from your property. Improperly built walls could make your situation worse. Consult with a professional for advice.
- Ensure that any outbuildings, pastures, or corrals are protected in the same way as your home. When installing or changing fence lines, consider placing them in such a way that your animals are able to move to higher ground in the event of a tsunami.

### **What to Do if you Felt a Strong Coastal Earthquake**

If you feel an earthquake that lasts 20 seconds or longer when you are in a coastal area, you should:

- Drop, cover and hold on. You should first protect yourself from the earthquake damages.
- When the shaking stops.
- Gather members of your household and move quickly to higher ground away from the coast. A tsunami may be coming within minutes.
- Avoid downed power lines and stay away from damaged buildings and bridges from which Heavy objects might fall during an aftershock.
- If you are on land
- Be aware of tsunami facts. This knowledge could save your life! Share this knowledge with your relatives and friends. It could save their lives!
- If you are in school and you hear there is a tsunami warning.
- You should follow the advice of teachers and other school personnel.
- If you are at home and hear there is a tsunami warning.
- You should make sure your entire family is aware of the warning. Your family should evacuate your house if you live in a tsunami evacuation zone. Move in an orderly, calm and safe manner to the evacuation site or to any safe place outside your evacuation zone. Follow the advice of local emergency and law enforcement authorities.
- If you are at the beach or near the ocean and you feel the earth shake,
- Move immediately to higher ground, DO NOT wait for a tsunami warning to be announced. Stay away from rivers and streams that lead to the ocean as you would stay away from the beach and ocean if there is a tsunami. A regional tsunami from a local earthquake could strike some areas before a tsunami warning could be announced.
- Tsunamis generated in distant locations will generally give people enough time to move to higher ground. For locally-generated tsunamis, where you might feel the ground shake, you may only have a few minutes to move to higher ground.
- High, multi-storied, reinforced concrete hotels are located in many low-lying coastal areas. The upper floors of these hotels can provide a safe place to find refuge should there be tsunami warning and you cannot move quickly inland to higher ground.

- Homes and small buildings located in low-lying coastal areas are not designed to withstand tsunami impacts. Do not stay in these structures should there be a tsunami warning.
- Offshore reefs and shallow areas may help break the force of tsunami waves, but large and dangerous wave can still be a threat to coastal residents in these areas.
- Staying away from all low-lying areas is the safest advice when there is a tsunami warning.
- If you are on a boat,
- Since tsunami wave activity is imperceptible in the open ocean, do not return to port if you are at sea and a tsunami warning has been issued for your area. Tsunamis can cause rapid changes in water level and unpredictable dangerous currents in harbors and ports.
- If there is time to move your boat or ship from port or ship from port to deep water (after a tsunami warning has been issued), you should weigh the following considerations.
- Most large harbors and ports are under the control of a harbor authority and/or a vessel traffic system. These authorities direct operations during periods of increased readiness (should a tsunami be expected), including the forced movement of vessels if deemed necessary. Keep in contact with the authorities should a forced movement of vessel be directed.
- Smaller ports may not be under the control of a harbor authority. If you are aware there is a tsunami warning and you have time to move your vessel to deep water, then you may want to do so in an orderly manner, in consideration of other vessels.
- Owners of small boats may find it safest to leave their boat at the pier and physically move to higher ground, particularly in the event of a locally-generated tsunami.
- Concurrent severe weather conditions (rough seas outside of safe harbor) could present a greater hazardous situation to small boats, so physically moving yourself to higher ground may be the only option.
- Damaging wave activity and unpredictable currents can affect harbors for a period of time following the initial tsunami impact on the coast. Contact the harbor authority before returning to port making sure to verify that conditions in the harbor are safe for navigation and berthing.

## **What to do after a Tsunami**

- You should continue using a Weather Radio or staying tuned to a Coast Guard emergency frequency station or a local radio or television station for updated emergency information.
- The Tsunami may have damaged roads, bridges or other places that may be unsafe.
- Check yourself for injuries and get first aid if necessary before helping injured or trapped persons.
- If someone needs to be rescued, call professional with the right equipment to help.
- Help people who require special assistance - Infants, elderly people, those without transportation, large families who may need additional help in an emergency situation, people with disabilities, and the people who care for them.
- Avoid disaster areas.
- Your presence might hamper rescue and other emergency operations and put out at further risk from the residual effects of floods, such as contaminated water, crumbled roads, landslides, mudflows, and other hazards.
- Your presence might hamper rescue and other emergency operations and put you at further risk from the residual effects of floods, such as contaminated water, crumbled roads, landslides, mudflows, and other hazards.
- Use the telephone only for emergency calls. Telephone lines are frequently overwhelmed in disaster situations. They need to be clear for emergency calls to get through.
- Stay out of a building if water remains around it. Tsunami water, like floodwater, can undermine foundations, causing buildings to sink, floors to crack, or walls to collapse.
- When re-entering building if water remains around it. Tsunami-driven floodwater may have damaged buildings where you least expect it. Carefully watch every step you take.
- Wear long pants, a long-sleeved shirt, and sturdy shoes. The most common injury following a disaster is cut feet.
- Use battery-powered lanterns or flashlights when examining buildings. Battery-powered lighting is the safest and easiest to use, and it does not present a fire hazard for the user, occupants, or building. **DO NOT USE CANDLES.**
- Examine walls, floors, doors, staircases, and windows to make sure that the building is not in danger of collapsing. Inspect

foundations for cracks or other damages. Cracks and damage to a foundation can render a building uninhabitable.

- Look for fire hazards. Under the earthquake action there may be broken or leaking gas lines, and under the tsunami flooded electrical circuits, or submerged furnaces or electrical appliances. Flammable or explosive.
- Materials may have come from upstream. Fire is the most frequent hazard following floods.
- Check for gas leaks. If you smell gas or hear a blowing or hissing noise, open a window and get everyone outside quickly. Turn off the gas using the outside main valve if you can, and call the gas company from a neighbor's home. If you turn off the gas for any reason, it must be turned back on by a professional.
- Look for electrical system damage. If you see sparks or broken or frayed wires, or if you smell burning insulation, turn off the electricity at the main fuse box or circuit breaker. If you have to step in water to get to the fuse box or circuit breaker, call an electrician first for advice. Electrical equipment should be checked and dried before being returned to service.
- Check for damage to sewage and water lines. If you suspect sewage lines are damaged under the quake, avoid using the toilets and call a plumber. If water pipes are damaged, contact the water company and avoid using water from the tap. You can obtain safe water from undamaged water heaters or by melting ice cubes that were made before the tsunami hit. Turn off the main water valve before draining water from these sources. Use tap water only if local health official's advice it is safe.
- Watch out for wild animals, especially poisonous snakes that may have come into buildings with the water. Use a stick to poke through debris. Tsunamis floodwater flushes snakes and animals out of their homes.
- Watch for loose plaster, drywall, and ceilings that could fall.
- Take pictures of the damage, both of the building and its contents, for insurance claims. Open the windows and doors to help dry the building.
- Shovel mud before it solidifies.
- Check food supplies.
- Any food that has come in contact with floodwater may be contaminated and should be thrown out.
- Expect aftershocks. If the earthquake is of large magnitude (magnitude 8 to 9+ on the Richter scale) and located nearby,

some aftershocks could be as large as magnitude 7+ and capable of generating another tsunami. The number of aftershocks will decrease over the course of several days, weeks, or months depending on how large the main shock was.

- Watch your animals closely. Keep all your animals under your direct control. Hazardous materials abound in flooded areas. Your pets may be able to escape from your home or through a broken fence. Pets may become disoriented, particularly because flooding usually affects scent markers that normally allow them to find their homes. The behavior of pets may change dramatically after any disruption, becoming aggressive or defensive, so be aware of their well-being and take measures to protect them from hazards, including displaced wild animals, and to ensure the safety of other people and animals.

## **HEAT WAVES**

Heat Wave conditions can result in physiological strain, which could even result in death.

To minimize the impact during the heat waves and to prevent serious ailment or death because of heat stroke, you can take the following measures:

### **Do's Don'ts**

- Avoid going out in the sun, especially between 12.00 noon and 3.00 p.m.
- Drink sufficient water and as often as possible, even if not thirsty
- Wear lightweight, light-colored, loose, and porous cotton clothes. Use protective goggles, umbrella/hat, shoes or chapels while going out in sun.
- Avoid strenuous activities when the outside temperature is high. Avoid working outside between 12 noon and 3 p.m.
- While travelling, carry water with you.
- Avoid alcohol, tea, coffee and carbonated soft drinks, which dehydrates the body.
- Avoid high-protein food and do not eat stale food.
- If you work outside, use a hat or an umbrella and also use a damp cloth on your head, neck, face and limbs

- Do not leave children or pets in parked vehicles
- If you feel faint or ill, see a doctor immediately.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, butter milk, etc. which helps to re-hydrate the body.
- Keep animals in shade and give them plenty of water to drink.
- Keep your home cool, use curtains, shutters or sunshade and open windows at night.
- Use fans, damp clothing and take bath in cold water frequently.

### **TIPS FOR TREATMENT OF A PERSON AFFECTED BY SUNSTROKE:**

Lay the person in a cool place, under a shade. Wipe her/him with a wet cloth/wash the body frequently. Pour normal temperature water on the head. The main thing is to bring down the body temperature.

- Give the person ORS to drink or lemon sarbat/torani or whatever is useful to rehydrate the body.
- Take the person immediately to the nearest health center. The patient needs immediate hospitalization, as heat strokes could be fatal.

### **Acclimatization**

People at risk are those who have come from a cooler climate to a hot climate. You may have such a person(s) visiting your family during the heat wave season. They should not move about in open field for a period of one week till the body is acclimatized to heat and should drink plenty of water. Acclimatization is achieved by gradual exposure to the hot environment during heat wave.

### **LANDSLIDES**

We cannot stop disaster but minimize its impact by preparing ourselves better for landslides. Following are the precautionary measures for landslides in the form of do's and don'ts as given below:



## **Do's Don'ts**

- Prepare tour to hilly region according to information given by weather department or news channel.
- Move away from landslide path or downstream valleys quickly without wasting time.
- Keep drains clean,
- Inspect drains for - litter, leaves, plastic bags, rubble etc.
- Keep the weep holes open.
- Grow more trees that can hold the soil through roots.
- Identify areas of rock fall and subsidence of buildings, cracks that indicate landslides and move to safer areas. Even muddy river waters indicate landslides upstream.
- Notice such signals and contact the nearest Tahsil or District Head Quarters.
- Ensure that toe of slope is no cut, remains protected, don't uproot trees unless re-vegetation is planned.
- Listen for unusual sounds such as trees cracking or boulders knocking together.
- Stay alert, awake and active (3A's) during the impact or probability of impact.
- Locate and go to shelters,
- Try to stay with your family and companions.
- Check for injured and trapped persons.
- Mark path of tracking so that you can't be lost in middle of the forest.
- Know how to give signs or how to communicate during emergency time to flying helicopters and rescue team.

## **Don'ts**

- Try to avoid construction and staying in vulnerable areas.
- Do not panic and loose energy by crying.
- Do not touch or walk over loose material and electrical wiring or pole.
- Do not built houses near steep slopes and near drainage path.
- Do not drink contaminated water directly from rivers, springs, wells but rain water if collected directly without is fine.
- Do not move an injured person without rendering first aid unless the casualty is in immediate danger.

## **EARTH QUAKE**

### **Do's & Don'ts**

#### **What to Do Before an Earthquake**

- Repair deep plaster cracks in ceilings and foundations. Get expert advice if there are signs of structural defects.
- Anchor overhead lighting fixtures to the ceiling.
- Follow BIS codes relevant to your area for building standards.
- Fasten shelves securely to walls.
- Place large or heavy objects on lower shelves.
- Store breakable items such as bottled foods, glass and china in low, closed cabinets with latches.
- Hang heavy items such as pictures and mirrors away from beds, settees, and anywhere that people sit.
- Brace overhead light and fan fixtures.
- Repair defective electrical wiring and leaky gas connections. These are potential fire risks.
- Secure water heaters, LPG cylinders etc., by strapping them to the walls or bolting to the floor.
- Store weed killers, pesticides, and flammable products securely in closed cabinets with latches and on bottom shelves.
- Identify safe places indoors and outdoors like,
  - Under strong dining table, bed
  - Against an inside wall
  - Away from where glass could shatter around windows, mirrors, pictures, or where heavy bookcases or other heavy furniture could fall over
- In the open, away from buildings, trees, telephone and electrical lines, flyovers and bridges
- Know emergency telephone numbers (such as those of doctors, hospitals, the police, ect)
- Educate yourself and family members

#### **Have a Disaster Emergency Kit ready**

- Battery operated torch with extra batteries
- Battery operated radio
- First aid kit and manual
- Emergency food (dry items) and water (packed and sealed)
- Candles and matches in a waterproof container
- Knife

- Chlorine tablets or powdered water purifiers
- Can opener.
- Essential medicines
- Cash and credit cards
- Thick ropes and cords
- Sturdy shoes

### **Develop an Emergency Communication Plan**

- In case family members are separated from one another during an earthquake (a real possibility during the day when adults are at work and children are at school), develop a plan for reuniting after the disaster.
- Ask an out-of-state relative or friend to serve as the 'family contact' after the disaster; it is often easier to call long distance. Make sure everyone in the family knows the name, address, and phone number of the contact person.

### **Help your community get ready**

- Publish a special section in your local newspaper with emergency information on earthquakes. Localize the information by printing the phone numbers of local emergency services offices and hospitals.
- Conduct week-long series on locating hazards in the home.
- Work with local emergency services and officials to prepare special reports for people with mobility impairment on what to do during in earthquake.
- Provide tips on conducting earthquake drills in the home.
- Interview representatives of the gas, electric, and water companies about shutting off utilities.
- Work together in your community to apply your knowledge to building codes, retrofitting programmes, hazard hunts and neighborhood and family emergency plans.

### **What to Do During an Earthquake**

Stay as safe as possible during an earthquake. Be aware that some earthquakes are actually foreshocks and larger earthquake might occur. Minimize your movement to a few steps that reach a nearby safe place and stay indoors until the shaking has stopped and you are sure exiting is safe.

### **If indoors**

- DROP to the ground; take COVER by getting under sturdy table or other piece of furniture, and HOLD ON until the shaking stops. If there is no a table or desk near you, cover your face and head with your arms and crouch in an inside corner of the building.
- Protect yourself by staying under the lintel of an inner door, in the corner of a room, under a table or even under a bed.
- Stay away from glass, windows, outside doors and walls, and anything that could fall, (such as lighting fixtures or furniture).
- Stay in bed if you are there when the earthquake strikes. Hold on and protect your head with a pillow, unless you are under a heavy light fixture that could fall. In that case, move to the nearest safe place.
- Use a doorway for shelter only if it is in close proximity to you and if you know it is a strongly supported, load bearing doorway.
- Stay inside until the shaking stops and it is safe to go outside. Research has shown that most injuries occur when people inside buildings attempt to move to a different location inside the building or try to leave
- Be aware that the electricity may go out or the sprinkler systems or fire alarms may turn on.

### **If outdoors**

- Do not move from where you are. However, move away from buildings, trees, streetlights, and utility wires.
- If you are in open space, stay there until the shaking stops. The greatest danger exists directly outside buildings; at exists; and alongside exterior walls. Most earthquake related casualties result from collapsing walls, flying glass, and falling objects.

### **If in a moving vehicle**

- Stop as quickly as safety permits and stay in the vehicle. Avoid stopping near or under buildings, trees, overpasses, and utility wires.
- Proceed cautiously once the earthquake has stopped. Avoid roads, bridges, or ramps that might have been damaged by the earthquake.

If trapped under debris

- Do not light a match.
- Do not move about or kick up dust.
- Cover your mouth with a handkerchief or clothing.
- Tap on a pipe or wall so rescuers can locate you. Use a whistle if one is available. Shout only as a last resort. Shouting can cause you to inhale dangerous amounts of dust.

**CHAPTER - XI**  
**INVENTORIES AND MACHINERIES**





**ABOUT IDRN:**

IDRN is a web based platform for managing the inventory of equipment, skilled human resources and critical supplies for emergency response. Primary focus of the portal is to enable the decision makers to find answers on availability of equipment and human resources required to combat any emergency situation. This database also enables disaster managers to assess the level of preparedness for specific disasters.

**NEED OF IDRN:**

India, due to its unique geo-climatic conditions, is vulnerable to several types of disasters: Floods, earthquakes, cyclones, landslides, tsunami, etc., The super cyclone of 1999, Bhuj earthquake of 2001, Tsunami in 2004, Kosi (Bihar) flood in 2008, earthquake in Sikkim in 2011 and Uttarakhand Disaster in 2013 have shown the need to build up capacity for handling disasters in more effective manner.

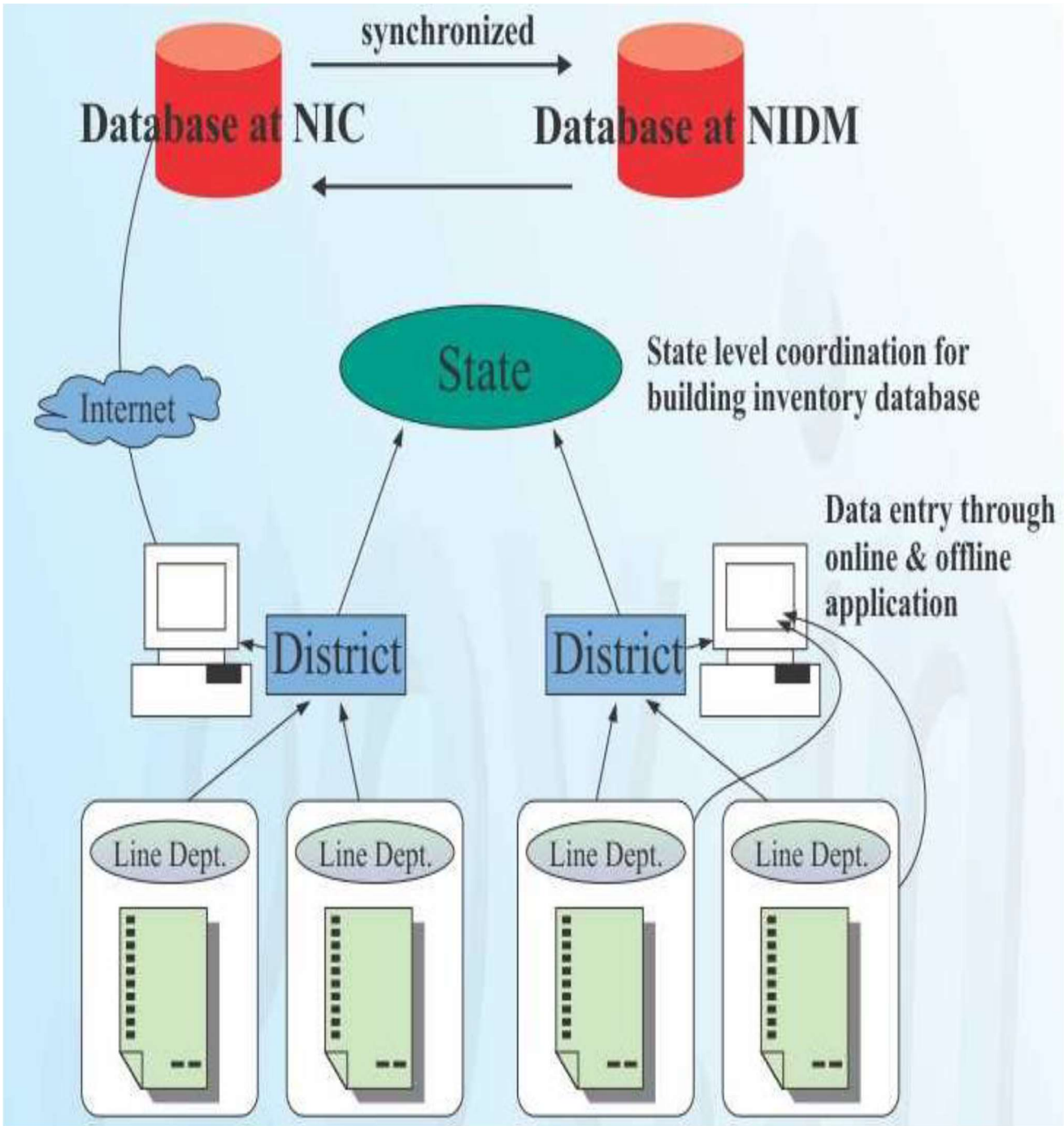
One of the major challenges in responding to disasters in a professional way is the lack of systematic inventory of resources viz. equipment, skilled human resources and critical supplies. This delays effective and rapid response, which is critical for saving lives. Therefore, a need was felt to build an inventory of resources that can help the district collectors and disaster managers and this resulted in developing of IDRN.

**OBJECTIVE OF IDRN:**

IDRN was initiated by Ministry of Home Affairs (MHA) in 2004 under the GOI-UNDP Disaster Risk Management (DRM) program with an objective to build up a systematic inventory of equipment and skilled human resources so that disaster managers easily can find the location and details of the resources for immediate and effective response.

**HOW IDRN WORKS?**

The online inventory of resources is hosted in the National Informatics Centre (NIC), New Delhi. Authorized Government officials have the access to update data in the Portal and the District Authority is responsible for the updating of data received from various line departments. Database is monitored at the central level by NIDM. Besides, NIDM is also responsible for the overall administration of the portal, including user administration.



**IDRN -PREPARATION OF LIST OF INVENTORIES/ MACHINERIES  
REQUIRED FOR VULNERABLE AREA: 94898-69069-0427-  
2212844**

<b>S.No</b>	<b>Department</b>	<b>Inventories / Machineries</b>	<b>Quantity</b>	<b>Location</b>
1	Salem Corporation	Two handled cross cut -saw	6	Salem
2	Salem Corporation	Blankets	60	Salem
3	Salem Corporation	Search Lights	13	Salem
4	Salem Corporation	Dumper	4	Salem
5	Salem Corporation	Earth Movers	4	Salem
6	Salem Corporation	Incubators for Childran	6	Salem
7	Salem Corporation	4 Wheel Drive Vehicle	2	Salem
8	Salem Corporation	First aid Kits	20	Salem
9	Salem Corporation	Portable Oxygen Cylinders	8	Salem
10	Salem Corporation	Portable ultra sound	4	Salem
11	Salem Corporation	Tractor	4	Salem
12	Salem Corporation	Heave Truck	4	Salem
13	Salem Corporation	Shovel	32	Salem
14	Salem Corporation	Portable ECG	2	Salem
15	Salem Corporation	Helmet	100	Salem
16	Salem Corporation	Basket	40	Salem
17	Salem Corporation	Axe	6	Salem
18	Salem Corporation	Pump	2	Salem
19	Salem Corporation	Public Address System	4	Salem
20	Salem Corporation	Bucket	130	Salem
21	Salem Corporation	Drainage Pumps	2	Salem
22	Salem Corporation	Plastics Sheet	10	Salem
23	Salem Corporation	Polithine Sheet	10	Salem
24	Salem Corporation	Office Buliding	2	Salem
25	Salem Corporation	Water Lorry	13	Salem

26	Salem Corporation	School	8	Salem
27	Salem Corporation	Mobile Phone GSM	13	Salem
28	Salem Corporation	Stretcher Normal	4	Salem
29	Salem Corporation	GPS Hand set	13	Salem
30	Salem Corporation	Mobile Medical Van	2	Salem
31	Salem Corporation	Water Filter	4	Salem
32	Salem Corporation	Water Tank	15	Salem
33	Salem Corporation	Camera Digital	1	Salem
34	Salem Corporation	Vaccines	5000	Salem
35	Salem Corporation	PH Meter	4	Salem
36	Salem Corporation	PH Tester	4	Salem
37	Salem Corporation	General Physician	8	Salem
38	Salem Corporation	Surgeon	1	Salem
39	Salem Corporation	Anesthetist	1	Salem
40	Salem Corporation	Gynecologist	1	Salem
41	Salem Corporation	Paramedics	10	Salem
42	Salem Corporation	Lab Technicians	8	Salem
43	Salem Corporation	OT Assitants	12	Salem
44	Salem Corporation	Medical First Responders	15	Salem
45	Salem Corporation	Rescue Teams Disaster	13	Salem
46	Salem Corporation	Anti snake venom	100	Salem
47	Salem Corporation	Decontamination Solution	65	Salem
48	Salem Corporation	Electrical Drill	4	Salem
49	Salem Corporation	Chipping Hammer	4	Salem
50	Salem Corporation	Heavy Axe	4	Salem
51	Salem Corporation	Electrical Generator	2	Salem
52	Salem Corporation	Drivers Teams	4	Salem

**High Ways Department, Salem Division 9443163646 0427-242904**

<b>S.No</b>	<b>Department</b>	<b>Inventories / Machineries</b>	<b>Quantity</b>	<b>Identified and Hired if Necessary</b>	<b>Location</b>
1	HighWays	Truck	1	0	Salem
2	HighWays	Crow Bar	33	0	Salem
3	HighWays	Bucket	18	0	Salem
4	HighWays	Basket	18	0	Salem
5	HighWays	ChainSaw Diamond	4	0	Salem
6	HighWays	Pick axe	94	0	Salem
7	High Ways	Spade	93	0	Salem
8	High Ways	Sledge Hammer	3	0	Salem
9	High Ways	Office Buliding	7	0	Salem
10	High Ways	Four Wheel Drive Vechile	5	0	Salem
11	High Ways	Road Roller	4	0	Salem
12	High Ways	JCB	3	5	Salem
13	High Ways	Basket	30	0	Salem
14	High Ways	Power Saw	2	10	Salem
15	High Ways	Saw	2	30	Salem
16	High Ways	Crow Bar	50	100	Salem
17	High Ways	Labour	500	250	Salem
18	High Ways	Axe	10	50	Salem
19	High Ways	Pans	800	2000	Salem
20	High Ways	Manvetty	100	500	Salem
21	High Ways	Sand(Cum)	300	1000	Salem
22	High Ways	Sand Bags	1000	5000	Salem
23	High Ways	Wooden Poles	350	1000	Salem
24	High Ways	Generator	2	5	Salem
25	High Ways	Pump Set	0	5	Salem

## High Ways Department, Sub Divisions

1	High Ways	Lorry	2	0	Salem
2.	High Ways	Lorry	1	0	Attur
3	High Ways	Lorry	1	0	Valapady
4	High Ways	Lorry	1	0	Yercaud
5	High Ways	Bull Dozer	2	0	Salem
6	High Ways	Bull Dozer	1	0	Attur
7	High Ways	Bull Dozer	1	0	Valapady
8	High Ways	Bull Dozer	1	0	Yercaud
9	High Ways	JCB	2	0	Salem
10	High Ways	JCB	1	0	Attur
11	High Ways	JCB	1	0	Valapady
12	High Ways	JCB	1	0	Yercaud
13	High Ways	Tractors	1	0	Salem
14	High Ways	Tractors	1	0	Attur
15	High Ways	Tractors	1	0	Valapady
16	High Ways	Power Saw	3	0	Salem
17	High Ways	Power Saw	3	0	Attur
18	High Ways	Power Saw	2	0	Valapady
19	High Ways	Power Saw	2	0	Yercaud
20	High Ways	Saw	5	0	Salem
21	High Ways	Saw	8	0	Attur
22	High Ways	Saw	8	0	Valapady
23	High Ways	Saw	9	0	Yercaud
24	High Ways	Crow Bar	20	0	Salem
25	High Ways	Crow Bar	30	0	Attur
26	High Ways	Crow Bar	20	0	Valapady
27	High Ways	Crow Bar	30	0	Yercaud
28	High Ways	Axe	15	0	Salem
29	High Ways	Axe	15	0	Attur
30	High Ways	Axe	10	0	Valapady
31	High Ways	Axe	10	0	Yercaud

32	High Ways	Pans	600	0	Salem
33	High Ways	Pans	600	0	Attur
34	High Ways	Pans	400	0	Valapady
35	High Ways	Pans	400	0	Yercaud
36	High Ways	Manvetty	150	0	Salem
37	High Ways	Manvetty	150	0	Attur
38	High Ways	Manvetty	100	0	Valapady
39	High Ways	Manvetty	100		Yercaud
40	High Ways	Wooden Poles	3Ton	0	Salem
41	High Ways	Wooden Poles	3 Ton	0	Attur
42	High Ways	Wooden Poles	3Ton	0	Valapady
43	High Ways	Wooden Poles	3Ton	0	Yercaud
44	High Ways	Generator	2	0	Salem
45	High Ways	Generator	1	0	Attur
46	High Ways	Generator	1	0	Valapady
47	High Ways	Generator	1	0	Yercaud
48	High Ways	Pump Set	2	0	Salem
49	High Ways	Pump Set	1	0	Attur
50	High Ways	Pump Set	1	0	Valapady
51	High Ways	Pump Set	1	0	Yercaud



## Municipalities

<b>S. No.</b>	<b>Department</b>	<b>Inventories / Machineries</b>	<b>Quantity</b>	<b>Identified and Hired if Necessary</b>	<b>Location</b>
1	Municipality Narasingapuram	5HP Pump Set	2	0	Narasingapuram
2	Municipality Narasingapuram	TreeCutting Machine	1	0	Narasingapuram
3	Municipality Attur	Tipper Lorry	4	0	Attur
4	Municipality Attur	JCB	1	0	Attur
5	Municipality Attur	Water Lorry	2	0	Attur
6	Municipality Attur	Sullage Lorry	2	0	Attur
7	Municipality Attur	Diesel Engine 5HP	2	6	Attur
8	Municipality Attur	Electri Motors5HP	0	4	Attur
9	Municipality Attur	Power Saw	0	3	Attur

## Public Works Department

<b>S.No</b>	<b>Department</b>	<b>Inventories / Machineries</b>	<b>quantity</b>	<b>Identified and Hired if Necessary</b>	<b>Location</b>
1	Mettur	EC Bags	3125	0	Mettur
2	PWD	Sand	57 m3	0	Mettur

<b>Salem District All Inventory items</b>		
<b>ACTIVITY - Search and Rescue</b>		
<b>CATEGORY</b> – Cutters		Dist Total
ITEM - 101 - Gas Cutters		-
ITEM - 102 - Cold Cutters		-
ITEM - 103 - Bolt cutters ( Shears )		-
ITEM - 104 - Electric Drill	4	4
ITEM - 105 - Circular Saw with Diamond Blade(Electric)	3	3
ITEM - 106 - Chipping Hammer	4+44	48
ITEM - 107 - Chain Saw-Diamond	4	4
ITEM - 108 - Chain Saw-Bullet		-
ITEM - 109 - Pneumatic Chisel		-
ITEM - 110 - Cutters- Hydraulic	3	3
ITEM - 111 - Cutters-Battery		-
ITEM - 355 - Steel Cutter/Grinder		-
<b>CATEGORY</b> – Spreaders		-
ITEM - 112 - Spreaders-Hydraulic	4	4
ITEM - 113 - Spreaders-Battery		-
<b>CATEGORY</b> - Lifting equipments		-
ITEM - 114 - Air Lifting bags (Different capacity)/Tools	2	2
ITEM - 115 - Jack with 5 ton lift	5	5
ITEM - 116 - Iron shod levers, 10 ft. Long		-
<b>CATEGORY</b> - Light equipments (search and rescue)		-
ITEM - 117 - Sledge hammer	7+3	10
ITEM - 118 - Heavy Axe	4+12	16
ITEM - 119 - Two handled cross cut-saw	6	6
ITEM - 120 - Chain tackle		-
ITEM - 121 - Single sheave snatch block		-
ITEM - 122 - Smoke Blower and Exhauster	17	17
ITEM - 123 - Set of rope tackle ( 3 sheave - 2 sheave)		-
ITEM - 124 - Gloves-Rubber, Tested up to 25, 000 volt		-
ITEM - 125 - Stretcher harness (set)		-
ITEM - 126 - Scaffold poles for sheer legs		-
ITEM - 127 - Jumping Cushions		-
ITEM - 128 - Rescue Rams		-
ITEM - 129 - Glass remover (Punch Mark)		-
ITEM - 130 - Crescent/adjustable wrenches		-
ITEM - 131 - Slotted Screwdrivers		-
ITEM - 132 - Traps 4 X 4 meters		-
ITEM - 133 – Blankets	60	60
ITEM - 134 - Lifting tackle - 3 ton		-

ITEM - 135 - Chains - 6 feet (3 ton lift)		-
ITEM - 136 - Aspects Blanket		-
ITEM - 137 - Soaking kit		-
ITEM - 330 - Shovel	32+10+6+25	73
ITEM - 331 - Spade	10+8+5+93	116
ITEM - 332 - Crow bar	5+14+33	52
ITEM - 333 - Heavy Block of Fulcrum		-
ITEM - 334 - Helmet	100	100
ITEM - 335 - Basket	40+50+30	120
ITEM - 336 - Pick axe	4+9+10+94	117
ITEM - 337 - Axe	6+12	18
ITEM - 338 - Door breaker	330+330+1	661
ITEM - 339 - Hacksaw	3	3
ITEM - 340 - Knife Salvage		-
ITEM - 341 - Ceiling hook	10	10
ITEM - 343 - Public Address System	4+1	5
ITEM - 356 - B.A. Set	32	32
ITEM - 357 - Rope	90	90
ITEM - 358 - Bucket	130+10+330+18	488
ITEM - 359 - Matok		-
ITEM - 360 - Hose/hose fitting	452	452
ITEM - 354 - Hand Tool Set		-
<b>CATEGORY</b> - Lighting arrangements		-
ITEM - 138 - Inflatable Light Tower	4	4
ITEM - 139 - Light Mast		-
ITEM - 140 - Search light	13+35	48
ITEM - 141 - Electric Generator (10 kv)	2+2	4
ITEM - 344 - Electric Torch	66	66
ITEM - 345 - Lanterns		-
ITEM - 346 - Telescopic Pneumatic Mast (Light)		-
<b>CATEGORY</b> - Heavy Engineering equipment		-
ITEM - 142 - Trucks - Aerial Lift		-
ITEM - 143 - Bulldozers wheeled/chain		-
ITEM - 144 - Dumper	4	4
ITEM - 145 - Earth movers	2+3	5
ITEM - 146 - Cranes - Heavy Duty, Fork type		-
ITEM - 147 - Tipper - Heavy Duty	1	1
ITEM - 148 - Recovery Vans Beam Type		-
ITEM - 149 - Snow Beeters wheeled		-
<b>CATEGORY</b> - Skilled human resource		-
ITEM - 150 - Search and Rescue Teams for Collapsed Structures		-

ITEM - 151 - Search and Rescue Teams with canines		-
<b>ACTIVITY - Flood Rescue</b>		
<b>CATEGORY - Specialized flood/Rescue equipments</b>		
ITEM - 152 - Rescue back boards		-
ITEM - 153 - Diving suit		-
ITEM - 154 - Under water BA set		-
ITEM - 155 - Lifebuoy	4	4
ITEM - 156 - Life Jackets	22+10	32
ITEM - 157 - Basket Stretcher		-
ITEM - 158 - Pneumatic Rope Launcher		-
<b>CATEGORY - Rescue boats</b>		
ITEM - 159 - Inflatable boat (12 persons)		-
ITEM - 160 - Fiber boat (12 persons)	1+2	3
ITEM - 161 - Motor Boats	1	1
ITEM - 162 - Motor Launch		-
ITEM - 163 - Country Boats		-
<b>CATEGORY - Skilled human resource</b>		
ITEM - 164 - Divers Teams	4+2	6
ITEM - 165 - Search and Rescue Teams for Flood	10	10
ITEM - 367 - Scuba Divers		-
<b>ACTIVITY - Fire Fighting</b>		
<b>CATEGORY - Protective equipments -specialized</b>		
ITEM - 166 - Suit - fire entry		-
ITEM - 167 - Suit - fire proximity		-
ITEM - 168 - Suit - fire approach		-
ITEM - 169 - Suit - NBC		-
ITEM - 170 - Clothing - Chemical protective (A, B, C)		-
ITEM - 361 - Fire Proof Sheet		-
<b>CATEGORY - Breathing apparatus set</b>		
ITEM - 171 - Breathing apparatus - self contained		-
ITEM - 172 - Breathing Apparatus - Compressor		-
<b>CATEGORY - Pumps</b>		
ITEM - 173 - Pump - high pressure, portable		-
ITEM - 174 - Pump - floating		-
ITEM - 342 - Pump	2	2
ITEM - 365 - Air Compressor		-
ITEM - 366 - Drainage Pumps	2	2
<b>CATEGORY - Ladder</b>		
ITEM - 175 - Extension Ladder		-
ITEM - 328 - Rope ladder		-
ITEM - 329 - Aluminum ladder		-

<b>CATEGORY</b> - Fire extinguishers		-
ITEM - 176 - ABC Type		-
ITEM - 177 - CO2 Type		-
ITEM - 178 - Foam Type		-
ITEM - 179 - DCP Type		-
ITEM - 180 - Halons Type		-
<b>CATEGORY</b> - Fire/rescue tenders		
ITEM - 181 - Fire Tender		-
ITEM - 182 - Foam Tender		-
ITEM - 183 - Rescue Tender		-
ITEM - 184 - Control Van		-
ITEM - 185 - Hydraulic Platform		-
ITEM - 186 - Turn Table Ladder		-
ITEM - 187 - DCP Tender		-
ITEM - 188 - Hazmat Van		-
ITEM - 189 - B.A. Van		-
<b>CATEGORY</b> - Critical supplies		
ITEM - 190 - Fire Fighting Foam		-
ITEM - 191 - Dry Chemical Powder		-
ITEM - 192 - Halons		-
<b>CATEGORY</b> - Skilled human resource		
ITEM - 193 - Oil Installation - fire fighting team		-
ITEM - 194 - High Rise Buildings - fire fighting team		-
ITEM - 195 - Ports - fire fighting team		-
ITEM - 196 - Aviation - fire fighting team		-
ITEM - 197 - Mines - fire fighting team		-
ITEM - 198 - Thermal Power Plant - fire fighting team		-
ITEM - 199 - Nuclear Power Plant - fire fighting team		-
<b>ACTIVITY - Health services</b>		
<b>CATEGORY</b> - Equipments		
ITEM - 200 - Spine boards	14	14
ITEM - 201 - Stretcher normal	14+4	18
ITEM - 202 - Stretcher medical evacuation	2	2
ITEM - 203 - Incubators for adults		-
ITEM - 204 - Incubators for children	2+6	8
ITEM - 205 - First aid kits	14+20+33	67
ITEM - 206 - CT scan	2	2
ITEM - 207 - MRI		-
<b>CATEGORY</b> - Portable equipments		
ITEM - 208 - Portable oxygen cylinders	25+8	33

ITEM - 209 - Portable ventilators	2	2
ITEM - 210 - Portable x-rays	5	5
ITEM - 211 - Portable ultrasound	5+4	9
ITEM - 212 - Portable ECG	14+2	16
ITEM - 213 - Portable suction unit	12+2	14
<b>CATEGORY</b> - Lifesaving equipments		
ITEM - 214 - Mechanical ventilators	2	2
ITEM - 215 - Defibrillator	4	4
<b>CATEGORY</b> - Mobile units		
ITEM - 216 - Mobile OT unit		-
ITEM - 217 - Mobile blood bank		-
ITEM - 218 - Mobile lab service		-
ITEM - 219 - Mobile hospital		-
ITEM - 220 - Mobile medical van		-
<b>CATEGORY</b> - Hygiene		
ITEM - 221 - Water filter	24+4	28
ITEM - 222 - Water tank	30+15+16+20+5	86
ITEM - 223 - Reservoirs treatment tank		-
<b>CATEGORY</b> - Critical supplies		
ITEM - 226 - Anti snake venom	645+100	745
ITEM - 228 - Halogen tablets		-
ITEM - 224 - Bronchodilators	114165	114265
ITEM - 225 - Vaccines	1712+5000+ 13950	20662
ITEM - 227 - Chlorine tablets		-
<b>CATEGORY</b> - Skilled human resource		
ITEM - 229 - General physician	28+8	36
ITEM - 230 - Trauma specialist	5	5
ITEM - 231 - Surgeon	12+1	13
ITEM - 232 - Anesthetist	8+1	9
ITEM - 233 - Gynecologist	1	1
ITEM - 234 - Radiologist	1	1
ITEM - 235 - Paramedics	41+10	51
ITEM - 236 - Lab technicians	20+8	28
ITEM - 237 - OT assistants	12	12
ITEM - 238 - Medical first responders	15	15
<b>ACTIVITY - Shelters</b>		
<b>CATEGORY</b> - Shelters/Rehabilitation Centers		
ITEM - 347 - Office building	2+7	9
ITEM - 348 - Yuva Mandal Bhawan		-

ITEM - 349 - Mahila Mandal Bhawan		-
ITEM - 350 - Panchayat bhawan		-
ITEM - 351 - School	8+4+3	15
<b>CATEGORY - Tents</b>		-
ITEM - 239 - Tent 80 Kgs		-
ITEM - 240 - Tent 40 Lbs		-
ITEM - 241 - Tent MK-III Private		-
ITEM - 242 - Tent Store		-
ITEM - 243 - Tent extendable 4 meters		-
ITEM - 244 - Tent extendable 2meters		-
ITEM - 245 - Tent Arctic		-
<b>CATEGORY - Sheets</b>		
ITEM - 246 - Tarpaulin		-
ITEM - 247 - Plastic Sheet	10	10
ITEM - 248 - Polythene Sheet	10	10
ITEM - 249 - Corrugated Galvanized Iron sheet		-
<b>CATEGORY - Pre-fab shelters</b>		
ITEM - 250 - Polypropylene Corrugated Unifold shelter		-
ITEM - 251 - FRP Shutter		-
<b>ACTIVITY - Transportation</b>		
<b>CATEGORY - Light vehicles</b>		
ITEM - 252 - 4 wheel drive vehicle	2+6+3+5	18
ITEM - 253 - Matador		-
ITEM - 362 - Motor Cycle		-
<b>CATEGORY - Medium vehicle</b>		
ITEM - 254 - Truck	1	1
ITEM - 255 - RTV		-
ITEM - 256 - Mini Bus		-
<b>CATEGORY - Heavy vehicle</b>		
ITEM - 257 - Bus	1119	1119
ITEM - 258 - Tractor	4+38	42
ITEM - 259 - Trailer	4	4
ITEM - 260 - Heavy Truck	1	1
ITEM - 353 - Jumper		-
ITEM - 363 - Loader	1	1
<b>CATEGORY - Special vehicles</b>		
ITEM - 261 - Light Ambulance Van		-
ITEM - 262 - Medium Ambulance Van		-
ITEM - 263 - Equipment Toeing Tender		-
ITEM - 264 - Mobilization Truck	1+15	16
ITEM - 265 - Water Tanker - Medium capacity	7+3	10



ITEM - 266 - Water Tanker - Large capacity	6+1	7
ITEM - 364 - Road Roller	4	4
<b>ACTIVITY - Tele Communication</b>		
<b>CATEGORY - Wireless system</b>		
ITEM - 267 - VHF Sets Static		-
ITEM - 268 - VHF Sets Mobile		-
ITEM - 269 - UHF Sets Static		-
ITEM - 270 - UHF Sets Mobile		-
ITEM - 271 - Walkie Talkie Sets		-
ITEM - 272 - HF Sets Static		-
<b>CATEGORY - Sat phones</b>		
ITEM - 273 - Mini-M3		-
ITEM - 274 - V-SAT		-
ITEM - 275 - INMARSAT		-
<b>CATEGORY - Mobile phones</b>		
ITEM - 276 - Mobile Phone GSM		-
ITEM - 277 - Mobile Phone CDMA		-
<b>CATEGORY - GPS</b>		
ITEM - 278 - GPS Hand Sets		-
<b>CATEGORY - Video system</b>		
ITEM - 279 - Video Phone Set		-
ITEM - 280 - Video Camera Digital		-
ITEM - 281 - Video Camera Beta		-
ITEM - 282 - Camera Digital	1	-
ITEM - 283 - Video Camera DVD		-
<b>CATEGORY - Skilled human resource</b>		
ITEM - 284 - Ham Radio Operators		-
<b>ACTIVITY - Nuclear Biological and Chemical</b>		
<b>CATEGORY - NBC specialized equipments</b>		
ITEM - 285 - Air Sampler - battery operated		-
ITEM - 286 - NBC face mask		-
ITEM - 287 - Body bags		-
ITEM - 288 - C.D Kit danger make		-
ITEM - 289 - Monitor - for chemical agents		-
ITEM - 290 - Capping kit - for chlorine leak		-
ITEM - 291 - Containers of AFFF		-
ITEM - 292 - Containers of soda ash and hydroxide		-
ITEM - 293 - Monitor - for contamination		-
ITEM - 294 - Decontamination gears		-
ITEM - 295 - Direct reading dosimeter		-
ITEM - 296 - Distress signal unit		-

ITEM - 297 - Emergency response guide book		-
ITEM - 298 - First aid kit as per MFR		-
ITEM - 299 - First aid kit NBC type A		-
ITEM - 300 - First aid kit NBC type B		-
ITEM - 301 - Flame ionization detector		-
ITEM - 302 - GM survey meter		-
ITEM - 303 - High visibility vest		-
ITEM - 304 - Leak storing device		-
ITEM - 305 - Leak tester for B.A set		-
ITEM - 306 - LEL Meter		-
ITEM - 307 - Mini rad meter		-
ITEM - 308 - Multi gas detector with cut gum bottle		-
ITEM - 309 - Non sparking brush,brooms shovels		-
ITEM - 310 - Non sparking tool		-
ITEM - 311 - PH meter	4	4
ITEM - 312 - PH tester	4	4
ITEM - 313 - Pipe squeezer		-
ITEM - 314 - Plastic drums		-
ITEM - 315 - Detector kit - for poison in water		-
ITEM - 316 - Portable alpha monitor		-
ITEM - 317 - Portable decontamination apparatus		-
ITEM - 318 - Safety line with chemical resistant		-
ITEM - 319 - Safety touch		-
ITEM - 320 - Teletector		-
ITEM - 321 - TLD		-
ITEM - 322 - Traffic cones		-
ITEM - 323 - Ultra violet photo ionization detector		-
<b>CATEGORY</b> - Critical supplies		
ITEM - 324 - Decontamination solution	65	65
ITEM - 325 - Iodate tablets		-
<b>CATEGORY</b> - Skilled human resource		
ITEM - 326 - Search and Rescue Teams for NBC Disasters	13	13

## **CHAPTER - XII**

### **LIST OF TANKS**



**List of Tanks in Salem Corporation**

<b>Sl.No</b>	<b>Name of the Tank</b>	<b>Water Bodies Name</b>
1	Salem Corporation	Panamarathupatty Eri
		Kumaragiri Eri
		Bodinaickenpatty Eri
		Kollankuttai Eri
		Panjamthanki Eri
		Pallapatty Eri
		Selathampatty Eri
		Theppakulam

**List of PWD anks in Salem district**  
**SARABANGA DIVISION**

<b>Sl. No.</b>	<b>Name of Tank</b>	<b>Capacity (Mcft)</b>	<b>Ayacut (Acres)</b>
1	Mookan Eri	21.168	453.490
2	Kannan Kurichi Eri	13.053	275.580
3	Ismail Khan Eri	5.640	134.090
4	Neikkarapatty Eri	2.187	236.950
5	Biroji Eri	2.612	144.120
6	Santhiyur Attayampatty Eri	3.034	214.620
7	Ammapalayam Eri	28.224	223.280
8	OddEri	1.764	112.560
9	Moongil Eri	8.467	170.060
10	Agrahara Poolavari Eri	0.212	266.340
11	Veeranam Eri	8.820	185.000
12	Thathampatty Eri	8.140	187.820
<b>II</b>	<b>OMALUR TALUK</b>		
13	Kamalapuram big Tank.	10.584	199.910
14	Kamalapuram small Tank.	16.582	208.450
15	Mylampalayam Tank.	6.350	122.400
16	Poola Eri.	6.350	163.190
17	PEriEripatty Tank.	27.871	129.370

18	Maramangalam Tank.	11.995	183.030
19	Kolandampatty Tank.	3.528	127.370
20	Vanisampatty Tank.	10.231	134.000
21	Tharamangalam Tank.	23.638	128.180
22	Manathal Tank.	23.990	170.930
<b>III</b>	<b>VALAPPADI TALUK</b>		
23	Ayothiyapatinam Eri	19.404	107.460
24	Athikarapatti Eri	5.997	124.330
25	Thekkal patty Eri	22.226	267.000
26	Singipuram Eri	7.761	181.420
27	Vellalagundam Eri	17.640	282.000
28	Belur Kissan china Eri	0.467	126.460
29	Agrahara nattamangalam Eri	8.114	114.500
30	Kurichi Tank	0.510	84.500
<b>VI</b>	<b>EDAPPADI TALUK</b>		
31	Avani Perur Tank	32.458	312.740
32	Kondayampatty Eri	23.638	162.510
33	Edapady Eri	50.098	439.630
34	Vemban Eri	34.574	318.460
35	Goondana Eri	8.114	112.420
36	Achampalli Eri	21.874	238.040
37	Vellalapuram Eri	82.319	119.190
<b>V</b>	<b>ATTUR TALUK</b>		
38	Lakshmanasamudram Tank	21.860	173.420
39	KallEri Chokkanathapuram Tank	17.920	204.050
40	Attur pudu Eri	7.960	395.640
41	Ayyanar Kovil Eri (KallEri)	40.540	256.020
42	Kallanatham Tank	22.020	164.670
43	Thullukanur Tank	14.620	108.430
44	Ammampalayam Mutal Tank	30.600	426.000
45	Belur Kottavadi kissan pEria Eri	10.250	66.840
46	Kalyanagiri Tank	2.240	0.000

47	KallEripatty Tank	10.450	186.140
48	Chinnamasamudram Tank	9.342	147.290
49	Kallarpethanaickan palayam	12.850	187.990
50	Kalichettiur Tank	14.860	103.050
51	Chinnakrishnapuram Tank	9.340	147.290
52	Umayalpuram Raja Eri	20.540	301.340
53	Puthiragoundanpalayam Tank	11.500	203.820
54	Panai Eri(or) Errama samudram Tank	60.140	285.040
55	Thalavaipatti Mettupalayam Eri	11.500	114.160
56	Abinavam Tank	2.640	28.210
57	Manivillundan pudu Eri	40.120	483.130
58	Sivasankarapuram Tank	12.680	152.400
59	Puthur Tank	4.950	174.180
60	Thalaivasal Tank	7.800	138.690
61	Periyeri Tank	23.870	243.760
62	Manivilanthan old Tank	8.840	167.270
63	Sarvoy Big Tank	36.580	273.380
64	Deviyakurichi Tank	7.860	107.050
65	Aragalur Tank	11.220	299.810
66	Thiyaganur Tank	13.370	142.910
67	SittEri Tank	20.570	175.960
68	Govindampalayam Tank	2.770	155.390
69	Punavasal Tank	22.810	215.980
70	Navalur Tank	19.480	240.950
71	Sathapadi Tank	17.550	192.390
72	Arithi Agragaram Tank	7.610	72.670
73	Thenkumarai Tank	8.940	125.620
<b>VI</b>	<b>GANGAVALLI TALUK</b>		
74	Puliyankurichi Tank	9.120	125.150
75	Veeraganur Tank	15.530	263.430



76	Chokkanur Tank	4.800	122.830
77	Ladhuvadi Tank	14.630	160.920
78	Vellaiyur Tank	11.500	92.550
79	ThittachEri Tank	2.250	88.700
80	Sentharapatti Tank	22.860	403.600
81	Kodayampalli Tank	8.130	169.990
82	Gudamalai Tank	4.430	152.890
83	Valasakkalpatti Tank	61.360	567.680
84	Anaiyampatti ponnEri Tank	14.720	229.360
85	Thidavoor Tank	50.730	651.590
86	Naduvalur Tank	22.630	339.700
87	Othaiyathur Tank	14.680	232.010
88	Jangamasamudram Tank	1.600	157.830
<b>VII</b>	<b>SANKARI TALUK</b>		
89	Morur Tank	0.064	43.760
	<b>TOTAL</b>	<b>1436.860</b>	<b>17824.330</b>

### **METTUR DIVISION**

<b>SL No</b>	<b>Name Of The Tank</b>	<b>Capacity (MCft)</b>	<b>Ayacut (Acres)</b>
<b>Mettur Taluk</b>			
1	Thumbalakattupallam Tank	42.52	626
2	Semmalai sivilikardu Tank	21.5	323
3	KothanEri tank	20.38	439
4	P.N.Patty Tank	18.74	288

	<b>Edappady Taluk</b>		
5	Madurakaliammankoil odai Tank	30.36	455
<b>Kadayampatty Taluk</b>			
6	Godupallam Tank	15.44	185
7	Kottakullapudayan Tank	16.44	176
8	Gundakkal Tank	11.36	109
9	Nachinampatty Tank	11.43	102
10	VadamanEri Tank	42.7	424
11	Dasasamudram Tank	13.07	125
12	PeriyasakklichiEri	6.18	105
13	Bommiyampatty Tank	4.8	105
14	Pannapatty Tank	6.35	110
15	K.Morur Tank	10.3	210
<b>Sankari Taluk</b>			
16	Kullampatty tank	10.63	164
17	Nachampatty tank	4.45	106
18	ponnusamudram tank	12	130

### **List of Tanks in Town Panchayats**

#### **TOWN PANCHAYATS ADMINISTRATION - SALEM DISTRICT ERI, KULAM KUTTAI DETAILS**

<b>Sl. No</b>	<b>Name of The Town Panchayat</b>	<b>Water Bodies Name</b>
1	Mallur	Athikuttai Eri
		Mallur Periya Eri
		Moran Kuttai
		Sontha Kuttai
		Ayan Kuttai

		Devan Dhoni Kuttai
2	Elampillai	Elampillai Eri
		Pudhu Eri
3	Tharamangalam	Near Bus Stand Kulam
		Near Oorchavadi Kuttai
		Kasuvareddypatty Eri
4	Karuppur	Samuthiram Eri
		Neer Samuthiram Eri
		Panangkadu Eri
5	Jalagandapuram	Periya Eri Oorani
6	Nangavalli	Kakkuva Mariamman Kovil Kuttai
		Pazhakaranur Kasivu Neer Kuttai
		Pazhakaranur Mecheri Main Road Kasivu Neer Kuttai
		Kejjampatty Kuttai
		Valluvar Theru Kuttai
7	Vanavasi	Vanavasi Eri
8	Mecheri	Kollapatti Eri
		Erakundapatty Eri
		Near Mecheri Mayanam Kuttai
9	Konganapuram	Aachampalli Eri
		Pudhu Eri
10	Sankari	Rajbai Eri
		Uppu Kineru Kulam
		Palvai Kulam
		Nalla Kineru Kulam
		Narvai Kulam
11	Edaganasalai	Kadayampatty Eri
		Thoppu Kuttai (Kosavampatty)
		Mottur Kuttai
		Vannaan Kuttai (Mettur Kadu)
		Chinneri (Edaganasalai)
		KonEripatty Eri

		Manal Eri
		Kothanangkadu Eri
		Vazha Kuttai
		Kundanpalayathu Kuttai
12	KeEripatti	Oothukadu Kuttai
13	Gangavalli	Chetty Kuttai
		Udhayan Kuttai

### **List of Tanks in Panchayats**

<b>MI TANK DETAILS</b>					
<b>Name of the District : Salem</b>					
<b>Name of the Department : Rural Development and Panchayat Raj</b>					
<b>Sl. No</b>	<b>Name of the Block</b>	<b>Name of the Panchayat</b>	<b>Tank Name</b>	<b>Whether Tank belongs to MI tank/ Tank / Pt. Tank</b>	<b>Area in Hectares</b>
1	Salem	Ayyamperumampatty	Atthikuttai	MI tank	1.00
			Mollakuttai	MI tank	11.28.3
		Andipatty	Andipatty Eri	MI tank	6.34.5
		Erumapalayam	Katteri	MI tank	6.33.0
		Mallamoopampatty	Mallamoopampatty Eri	MI tank	11.23.0
		Sanniyasigundu	Kuruvipanai Eri	MI tank	3.85.5
			Puthukuttai	Pt. Tank	0.36.0
		Sargar Gollapatty	Alan Kuttai Eri	MI tank	1.43.5
		Selathampatty	Selathampatty Eri	MI tank	29.55.5
		Thalavaipatty	Thalavaipatty Eri	MI tank	29.43.5
			Olandan kuttai	Pt. Tank	0.70.0
		Thirumalaigiri	Thamarai Eri	MI tank	19.29.0
Inam Vedugathampatty	Kuttai Eri	Pt. Tank	0.25.0		
	<b>Total</b>		<b>13</b>		
2	Veerapandi	Keerapappampady	Keerapappampady Eri	MI tank	18.21.0
		Perumampatty	MullanEri	MI tank	6.76.5
		Puthur agraharam	Puthur Eri	MI tank	15.33.5
		Veerapandy	Koppam Eri	MI tank	14.16.5

	S.Pappalapatty	S.Pappalapatty Eri	MI tank	16.30.0
	Rajapalayam	Pethampatty Eri	MI tank	7.25.0
	Arigoundan patty	Thoppukuttai Eri	MI tank	1.19.5
	Chennagiri	Meerashahip Eri	MI tank	16.45.5

2	Veerapandi	Kadathur Agraharam	Kadathur Eri	Pt.Tank	0.12.5
		Kalparapatty	Kompadipatty Eri	MI tank	2.39.0
			Illupamarathu Eri	MI tank	5.26.5
			Narikutta Eri	MI tank	3.02.5
		Murungapatty	Murungapatty Eri	MI tank	4.56.0
		Periyaseeragapadi	Seeragapadi Eri	MI tank	2.0.0
		Perumagoundan patty	Palkutta Eri	Pt.Tank	0.79.5
		Rakipatty	Kollankutta Eri	MI tank	10.0.3.0
			Rakipatty Eri	MI tank	7.81.5
		S.Papparapatty	Sithan Eri	MI tank	5.0.0
		Senaipalayam	Purusankuttai Eri	MI tank	6.90.0
		Vempadithalam	Chinna Eri	MI tank	11.0.3.0
Pudhu Kutta Eri	MI tank		4.84.0		
<b>Total</b>		<b>21</b>			
3	Panamarathu patti	Thammanaickenpatty	Marankuttai	Pt.Tank	5.71
		E.Vaniyambadi	Erachanampatty Eri	Pt.Tank	68.17
		E.Vaniyambadi	Pasuvanathamptty Eri	Pt.Tank	126
		E.Vaniyambadi	Vaniyambadi Eri	Pt.Tank	7.81
		E.Vaniyambadi	Pethampatty Eri	Pt.Tank	82.71
		Mookkuthipalayam	Mookkuthipalayam Eri	Pt.Tank	61.19
		Santhiyur	Santhiyur Eri	Pt.Tank	56.62
		Santhiyur Attayampatti	Pallitherupatti kuttai	Pt.Tank	6.18
		Panamarathupatty	Panamarathupatty Eri	MI tank	
		Nalikkalpatty	Periya Eri	Pt. Tank	58.54
		Nalikkalpatty	Rajankuttai	Pt. Tank	17.71
		Nalikkalpatty	Pappankuttai	Pt. Tank	8.12
		<b>Total</b>		<b>12</b>	

3	Panamarathu patti	A N Mangalam	Uppukuttai	Pt. Tank	1.62
		A N Mangalam	Pudu Eri	Pt. Tank	
		Aachankuttapatti	NakkaiEri	MI tank	1.62
		Aachankuttapatti	AGAMT Pond	Pt. Tank	0.02
		Aachankuttapatti	Varattu Kuttai Eri	Pt. Tank	1.66
		Aachankuttapatti	Senkuttai Eri	Pt. Tank	2.83
		Adhikaripatti	Athikaripatty Kuttai	Pt. Tank	0.11
		Adhikaripatti	AGAMT Pond	Pt. Tank	0.02
		Aladipatti	AGAMT Pond	Pt. Tank	0.02
		Anupur	Pappankuttai Eri	MI tank	2.83
		Anupur	Uppu Kuttai	Pt. Tank	0.81
		Anupur	Pudhu Kuttai	Pt. Tank	0.40
		Anupur	Kosavan Kuttai	Pt. Tank	0.60
		Anupur	Mothiran Kuttai	Pt. Tank	0.72
		Anupur	Pullandi Kuttai	Pt. Tank	0.03
Anupur	AGAMT Pond	Pt. Tank	0.02		
4	Ayothiyapatti nam	Anupur	Koranguthoppu kuttai		
		Chinnagounda puram	Santhanappa Udayar Eri	Pt. Tank	18.22
		Chinnagounda puram	Kuttai	Pt. Tank	1.21
		Chinnagounda puram	AGAMT Pond	Pt. Tank	0.02
		Chinnanur	AGAMT Pond	Pt. Tank	0.02
		Chinnanur	Kuttai	Pt. Tank	
		D.Perumapalayam	Rama rao Eri	MI tank	2.43
		D.Perumapalayam	AGAMT Pond	Pt. Tank	0.02
		Dasanaickenpatti	AGAMT Pond	Pt. Tank	0.02
		Karipatty	Nallankuttai	Pt. Tank	0.50
		Karipatty	AGAMT Pond	Pt. Tank	0.02
		Karipatty	Thanappan Kuttai	Pt. Tank	0.02
		Karumapuram	Allikuttai	Pt. Tank	---

4	Ayothiya pattinam	Karumapuram	AGAMT Pond	Pt. Tank	0.02
		Kootathupatty	Ellachi Eri	MI tank	3.24
		Kootathupatty	Senkuttai Eri	Pt. Tank	0.31
		Kootathupatty	Chamkuttai	Pt. Tank	0.15
		Kootathupatty	Andikavundan kuttai	Pt. Tank	0.52
		Kootathupatty	Pudu Kuttai	Pt. Tank	0.18
		Korathupatty	AGAMT Pond	Pt. Tank	0.02
		Kullampatti	AGAMT Pond	Pt. Tank	0.02
		Kuppanur	Pandiyan Kadu Eri		4.04
		Kuppanur	Annamalai kadu Eri	Pt. Tank	1.05
		Kuppanur	Panna Kuttai	Pt. Tank	0.85
		Kuppanur	AGAMT Pond	Pt. Tank	0.02
		Kuppanur	Kuttai	Pt. Tank	1.66
		M.Palapatti	AGAMT Pond	Pt. Tank	0.02
		M.Perumapalayam	Pudukuttai Eri	MI tank	5.06
		M.Perumapalayam	Udulakal Kuttai	Pt. Tank	0.81
		M.Perumapalayam	Kullan Kuttai	Pt. Tank	0.41
		M.Perumapalayam	AGAMT Pond	Pt. Tank	0.02
		M.Thathanoor	Varatt Eri	MI tank	11.70
		M.Thathanoor	Ettikuttai	Pt. Tank	0.22
4	Ayothiyapatti nam	M.Thathanoor	Peekuttai	Pt. Tank	0.92
		M.Thathanoor	AGAMT Pond	Pt. Tank	0.02
		Masinaickenpatti	Paruvakkadu Eri	MI tank	10.00
		Masinaickenpatti	AGAMT Pond	Pt. Tank	0.02
		Mettupatty	Pananthoppu Kuttai	Pt. Tank	0.20
		Mettupatty	AGAMT Pond	Pt. Tank	0.02
		Minnampalli	Senguttai Eri	Pt. Tank	1.62
		Minnampalli	AGAMT Pond	Pt. Tank	0.02
		Pallipatti	Chinna Eri	MI tank	5.12
		Pallipatti	AGAMT Pond	Pt. Tank	0.02



4	Ayothiya pattinam	Pallipatti	Aanaigundar Eri	Pt. Tank	1.21
		Periyagoundapuram	Navalathu kuttai	Pt. Tank	1.21
		Periyagoundapuram	AGAMT Pond	Pt. Tank	0.02
		Periyagoundapuram	Chinnathu Kuttai	Pt. Tank	0.02
		Poovanoor	Ayalnaicken Eri	MI tank	5.26
		Poovanoor	Killakathiyankuttai	Pt. Tank	1.00
		Poovanoor	AGAMT Pond	Pt. Tank	0.02
		S N Mangalam	Thottaiyan Kuttai	Pt. Tank	1.12
		S N Mangalam	AGAMT Pond	Pt. Tank	0.02
		S N Mangalam	Karikattan kuttai	Pt. Tank	0.61
		Sukkampatti	AGAMT Pond	Pt. Tank	0.02
		Thailanoor	AGAMT Pond	Pt. Tank	0.02
		Udayapatti	Kuttai	Pt. Tank	0.04
		Udayapatti	AGAMT Pond	Pt. Tank	0.02
		Valaiyakaranur	Vedapatty Eri	MI tank	10.00
		Valaiyakaranur	AGAMT Pond	Pt. Tank	0.02
		Valasaiyur	Thottil Eri	MI tank	32.29
		Valasaiyur	AGAMT Pond	Pt. Tank	0.02
		Veeranam	AGAMT Pond	Pt. Tank	0.02
		Vellalagundam	AGAMT Pond	Pt. Tank	0.02
		Vellalagundam	Padayachi Kuttai	Pt. Tank	0.03
Vellalagundam	Karudan kuttai	Pt. Tank	0.03		
Vellalagundam	Pudu Kuttai	Pt. Tank	0.03		
	<b>Total</b>	<b>82</b>		<b>137.18</b>	
5	Yercaud	Nil	Nil	Nil	Nil
6	Valapady	Kolathukombi	Elaiyaraman Kovil Eri	pt.Tank	1.10
			Senkaradu Kuttai	pt.Tank	0.56
			Omsakthi Nagar Kuttai	pt.Tank	0.66
			Vowval Thoppu Kuttai	pt.Tank	0.42

6	Valapady	Kolathukombi	Eruma Kuttai	pt.Tank	0.54		
			Vaduvan Kuttai	pt.Tank	0.80		
			Kumarasamiyur Pond	pt.Tank	0.32		
			Kal Odai Kuttai	pt.Tank	1.60		
		Chandrapillaivalasu	Nadupatty Pond	pt.Tank	0.28		
			Kadhadi Kuttai	pt.Tank	0.64		
			Arasan Kuttai	pt.Tank	0.54		
			Peramanur Kuttai	pt.Tank	0.65		
		Chinnamanaicken palayam	Sedi Kuttai	pt.Tank	0.68		
			Chinnamanaicken palayam Pond	pt.Tank	0.28		
			Gankani Kuttai	pt.Tank	0.36		
			Arisikaran Kuttai	pt.Tank	0.72		
			Sappani Kuttai	pt.Tank	0.92		
			Gondan Kuttai	pt.Tank	0.52		
			Pananthoppu Kuttai	pt.Tank	0.42		
		Kurichi	Kurichi Eri	pt.Tank	20.4		
			Ranganur Elantha kuttai	pt.Tank	0.85		
			Ranganur kombai Eri	pt.Tank	0.85		
			Chandran Kadu Kuttai	pt.Tank	1.20		
			Kuttai Near Chinna Thangam Kadu	pt.Tank	0.42		
			Renganur Pond	pt.Tank	0.24		
		Nirmulli kuttai	Gondhumalai Kuttai	pt.Tank	0.96		
			Nirmulli Kuttai Pond	pt.Tank	0.52		
			Panathoppu Kuttai	pt.Tank	0.64		
			Mariamman Kovil Kuttai	pt.Tank	0.23		
			Near K.Raman Kadu Kuttai	pt.Tank	0.30		

6	Valapady	Nirmulli kuttai	Near kuppusamy thottam kuttai	pt.Tank	0.25
			Near kadher Basha kadu	pt.Tank	0.1
			Kilakadu pond	pt.Tank	0.56
		Thukkiyam palayam	Near krishnan thottam kuttai	pt.Tank	0.64
			Near Narayanan thottam kuttai	pt.Tank	0.43
			Kuttai Near sintex tank mariamman pudhur	pt.Tank	0.12
			Pudhu Eri	pt.Tank	0.3
			Mariamman pudhur Eri	pt.Tank	0.48
			Melur mayanam kuttai	pt.Tank	0.11
			Mayavan kovil kuttai	pt.Tank	0.96
			Poonjan Thottam Kuttai	pt.Tank	0.18
			Nealapallam Kuttai	pt.Tank	0.36
			Near Udayar Thottam Kuttai	pt.Tank	0.02
			Vemban Kuttai	pt.Tank	0.52
		Mannarpalayam	Mannarpalayam Eri	pt.Tank	5.53
			AGAMT pond	pt.Tank	0.56
			Periyandichi kovil kuttai	pt.Tank	0.24
		Singipuram	Singipuram Eri	pt.Tank	2.76
			Kottai Pallam Eri	pt.Tank	1.02
			Ancharan Kuttai	pt.Tank	0.65
			Singipuram Pond	pt.Tank	0.24
		Vilaripalayam	Mottur Pond	pt.Tank	0.56
			Kuttai Near Arasamaram Vilaripalayam	pt.Tank	0.08
		komarapalayam	Kuravan Kuttai	pt.Tank	0.86
			Komarapalayam Pond	pt.Tank	0.56

6	Valapady	Thekkalpatty	Karuppu Koil Kuttai	pt.Tank	7.9	
			Malayalapatty Pond	pt.Tank	0.56	
			Mandhakattu Eri	pt.Tank	0.68	
			Kaliamman Kovil Kuttai	pt.Tank	0.46	
			Thekkalpatty Kuttai	pt.Tank	0.57	
		Thirumanur	Thirumanur Eri	pt.Tank	1.05	
			Cittampatty Pond	pt.Tank	0.92	
			Nainakuchi pond	pt.Tank	0.65	
			Palanipuram pond	pt.Tank	0.56	
		Veppilaipatty	Atturar thottam kuttai	pt.Tank	0.61	
			Kaliamman kuttai	pt.Tank	0.73	
			Burial ground kuttai	pt.Tank	0.71	
			Sama Kuttai	pt.Tank	0.81	
		Kattuvepilaipatty	Chetti Eri	pt.Tank	18.29	
			Sendrayampayam kuttai	pt.Tank	1.79	
			Pattappan Kovil Kuttai	pt.Tank	1.05	
			sesanchavadi pond	pt.Tank	0.56	
		Mannaickenpatty	Sedi Kuttai Eri	pt.Tank	10.55	
			Abaranathu Kuttai	pt.Tank	0.42	
			Panathoppu Kuttai	pt.Tank	0.12	
			Mannaickenpatty Pond	pt.Tank	0.56	
		Muthampatty	Muthuampatty Karuppannapadivachi Kuttai	pt.Tank	1.22	
			Gothumalai Eri	pt.Tank	5.6	
			Tamilarasu kuttai	pt.Tank	3.00	
			Thirupathi kuttai	pt.Tank	3.8	
			Super ponnusamy kuttai	pt.Tank	2.7	
			chenna kuttai	pt.Tank	0.81	
			kadappan kuttai	pt.Tank	0.22	
			Erattai mariamman kuttai	pt.Tank	0.41	

6	Valapady	Ponnarampatty	Vannathi kuttai	pt.Tank	0.1
			AGAMT pond	pt.Tank	0.52
			puchan kuttai	pt.Tank	0.18
			ponnarampatty Anai	pt.Tank	5.93
<b>Total</b>			<b>88</b>		<b>130.75</b>
7	P.N. Palayam	Oddapatti	Oddapatti Tank	MI tank	8.48
		Thennam pillaiyur	Thennampillaiyur Beaman Eri	MI tank	9.45
		Westrajapalaya m	Westrajapalayam Ammampalayam Eri	MI tank	14.73
		Periyakrishna puram	Periyakarishnapuram Peria Eri	MI tank	12.21
		Periyakrishna puram	Periyakarishnapuram Chinna Eri	MI tank	11.43
		Ariyapalayam	Ariyapalayam Tank	MI tank	9.99
<b>Total</b>			<b>6</b>		<b>66.29</b>
8	Attur	Arasantham	Erasakal Eri	MI tank	6.00
		Echampatty	Eachampaty Eri	MI tank	11.09
		Paithur	Paithur pudur Eri	pt.Tank	0.81
		Pungavadi	Pungavdi Eri	MI tank	82.88
		Seeliyampatty	Seeliyampaty Eri	MI tank	49.04
		Thennangudi palayam	Pappan Eri	MI tank	10.12
		Valayamadevi	Valayamadevi Eri	MI tank	14.37
		Ammampalaya m	Chinna Eri	MI tank	1.30
<b>Total</b>			<b>8</b>		<b>175.61</b>
9	Gangavalli	74, Krishnapuram	Chinnaeri Eri		
		Naduvalu	Chetteri Eri		
		Jangama samudaram	Valakombai		
		Jangamasamud aram	Sengadu		
<b>Total</b>			<b>4</b>		

10	Thalai vasal	EastRajapalayam	EastRajapalayam Eri	MI tank	19.61
		Elluppanatham	Elluppanatham Eri	MI tank	15.12
		Kavarpanai	Kavarpanai Eri	MI tank	38.91
		Navakurichi	Navakurichi Eri	MI tank	28.45
		Pagadapady	Pagadapady Eri	MI tank	12.19
		Pagadapady	Chinna Eri	MI tank	12.16
		Punalvasal	Chinnapunalvasal Eri	MI tank	28.41
		Sadasivapuram	Kuttai	MI tank	14.68
		Siruvachur	Siruvachur Eri	MI tank	19.67
		Unathur	Unathur Eri	MI tank	28.84
		Vadakumarai	Vadakumarai Eri	MI tank	20.20
		Veppampoondi	Veppampoondi Eri	MI tank	28.64
		Veppanatham	Veppanatham Eri	MI tank	20.20
		<b>Total</b>		<b>13</b>	
11	Kolathur	Nil	Nil	Nil	Nil
12	Nangavalli	Avadathur	Kattinayakanpatty Eri	Pt. Tank	2.57.5
		Avadathur	AyyanErikari Eri	MI tank	5.49.08
		Chinnasoragai	Chinnasoragai Eri	Pt. Tank	3.57.0
		Gonur	Sekkan Eri	MI tank	3.66.0
		Gonur	Vallakuttai Eri	Pt. Tank	0.16.5
		Gonur	Andikarai Eri	Pt. Tank	0.71.5
		Gonur	Sama Kuttai	Pt. Tank	0.61.0
		Gonur	Kanakkan kuttai	Pt. Tank	0.81.50
		Periyasoragai	VairanEri	MI tank	6.47.50
		Periyasoragai	Boomireddypatti Pudhukuttai	Pt. Tank	1.33.00
		Periyasoragai	Kundudhasan valavu Kuttai	Pt. Tank	0.43.00
		Sanarapatty	Pappathikadu Kuttai	Pt. Tank	0.22.30

12	Nangavalli	Sanarapatty	Kanakkan Eri	MI tank	5.74.50
		Sanarapatty	Aruvankadu East kuttai	Pt. Tank	0.20.10
		Sanarapatty	Aruvankadu west kuttai	Pt. Tank	0.15.70
		Soorapalli	Madhukalan Kuttai	Pt. Tank	0.52.20
		Soorapalli	Vathipatti Eri	MI tank	3.89.0
		Soorapalli	Indra Nagar	Pt. Tank	1.55.1
		Soorapalli	Kuppampatty Eri	Pt. Tank	1.65.5
		Soorapalli	Andikadu kuttai	Pt. Tank	0.26
		Thoramanagalam	Naduvalavu kuttai	Pt. Tank	0.45.00
		Thoramanagalam	Malayan kuttai	Pt. Tank	0.38.20
		Thoramanagalam	KallErikuttai	Pt. Tank	0.33.00
		Thoramanagalam	Panangadu kuttai	Pt. Tank	0.48.10
		Veerakkal	Kothikuttai Eri	MI tank	0.56.50
		Veerakkal	Semmannan KV kuttai	Pt. Tank	0.45.50
		Veerakkal	Soragaiyan KV kuttai	Pt. Tank	0.50.20
		Veerakkal	Senguttai Eri	Pt. Tank	0.68
		<b>Total</b>		<b>28</b>	
13	Mecheri	Aranganoor	Semmanur Eri	P.U.TANK	10.25.5
		Aranganoor	Vengikal Eri	P.U.TANK	3.42.5
		Aranganoor	Thailagoundanur Eri	P.U.TANK	5.24.0
		Koppampatty	Koppam Eri	P.U.TANK	2.4.0
		M.Kalipatty	Rayappaneri Eri	P.U.TANK	16.34.5
		M.Kalipatty	Chinnaeri Eri	P.U.TANK	1.47.0
		Olaipatti	Kamanaeri Eri	P.U.TANK	4.62.5
		Banapuram	Muthampatti Eri	P.U.TANK	5.4.0
		PottanEri	Pottaneri Eri	P.U.TANK	0.70.0
		PottanEri	Kattur Eri	P.U.TANK	0.40.0
		Vellar	Tharalakuttai Eri	P.U.TANK	1.23.5
		<b>Total</b>		<b>11</b>	

14	Omalur	Kottagoundampatty	Periya Eri	Pt. Tank	2.13.0
		Kottagoundampatty	Aanaigoundampatti	Pt. Tank	0.39
		Kottagoundampatty	Aanaigoundampatti	Pt. Tank	0.75
		Kottamariamman koil	Moongil Eri	Pt. Tank	35
		M.Chettipatti	M.Chettipatti Eri	MI.Tank	11.57.5
		Pagalpatty	Boominaickanpatti Eri	MI.Tank	10.20.0
		Pagalpatty	Senganur Eri	Pt. Tank	0.33.0
		Pagalpatty	Nakkuttaipatti Eri	Pt. Tank	1.98.5
		Pagalpatty	Ayyankuttai Eri	Pt. Tank	0.86.0
		Pagalpatty	Dhasanaickenpatti Eri	Pt. Tank	0.80.0
		Sellapillaikuttai	Kondasamudram Eri	MI.Tank	8.63.5
		Sellapillaikuttai	Otteri	MI.Tank	2.42.0
		Sellapillaikuttai	Periyeri	MI.Tank	6.31.5
		Sellapillaikuttai	Gangadaran Kuttai	MI.Tank	2.31.5
		Sellapillaikuttai	Nagakuttai Eri	Pt. Tank	1.78.0
		Sellapillaikuttai	Murugappa Mudhali Kuttai	Pt. Tank	1.70.0
		Thindamangalam	Kalarpatti Check Dam	Pt. Tank	1.22.5
		Thindamangalam	Chikkan Kuttai	MI.Tank	3.05.00
		Thumbipady	Chettipatti Eri	MI.Tank	21.71.5
		Thumbipady	Nagalur Nagaleri	MI.Tank	6.46.5
		Thumbipady	Sandhapatti Eri	MI.Tank	16.66..5
		Thumbipady	Athikuttai	MI.Tank	2.40.5
		Perieripatty	Periya Eri	MI.Tank	72.26.5
Perieripatty	Chetti Eri	MI.Tank	7.34.5		
Tholasampatty	Tholasampatti Eri	MI.Tank	40.71.0		
14	Omalur	U.Maramangalam	Sengal Eri	Pt.Tank	2.33
		Gollapatty	Oddapachi Eri	Pt.Tank	2.84
		Naranampalayam	Mylapalayam Periya Eri	MI Tank	11.44.0
		Thekkampatty	Sannadhu Kuttai	MI Tank	17.09.0



14	Omalur	Thekkampatty	Vaikkal Kuttai	MI Tank	6.50.5
		Thekkampatty	Naikkan Kuttai	Pt.Tank	1.03.5
		Vellalaptty	Jagadevampatti Eri	MI Tank	3.74.0
		Vellalaptty	Sambu Kuttai Eri	Pt.Tank	0.5.5
		Manguppai	Manguppai Eri	Pt.Tank	37.78
		Manguppai	Jambukuttai	Pt.Tank	1.28.5
		Kottamettupatty	Pee Kuttai Eri	MI Tank	9.27.5
		Muthunaickenpatty	Nainathal Eri	MI Tank	15.03.5
		Muthunaickenpatty	Marthukutti	MI Tank	2.18.5
		Pottipuram	Periya Eri	MI Tank	20.33.5
		Pottipuram	Chinna Eri	Pt.Tank	4.2
		Saminaickenpatty	Echankuttai Eri	Pt.Tank	2
		Saminaickenpatty	Kuttai	Pt.Tank	0.2
		Thathiyampatty	Pappan Kuttai	Pt.Tank	3.07
		Thathiyampatty	Konal Kuttai	Pt.Tank	8.67
		Vellakalpatty	Nallappan Kuttai	Pt.Tank	9.55
		Vellakalpatty	Thazhampoo Oodai	Pt.Tank	7.22
		Vellakalpatty	PappanEri	Pt.Tank	20.5
		Semmankoodal	Chinneri	MI Tank	13.19.5
		Sikkampatty	Kadampatti Eri	MI Tank	14.43.0
		Sikkampatty	KaruppanEri	MI Tank	6.07.0
		Sikkampatty	Unnamalai Kuttai Eri	MI Tank	3.71.0
		Karuppur (TP)	Meer Samudhram Eri	MI Tank	10.14.5
		Karuppur (TP)	Panangadu Pudu Eri	MI Tank	23.33.5
		Karuppur (TP)	Samdram Eri	Pt.Tank	14.59
			<b>Total</b>	<b>54</b>	

15	Thara mangalam	Karukalvadi	Karukkalvady kuttai	MI Tank	18.52.5	
		Alagusamudram	Alagusamudram Eri	MI Tank	0.60	
		Desavilaku	Kasap Eri	MI Tank	30.2.5	
		Pappampadi	Pudhu Eri	MI Tank	13.23.50	
		T.Konagapadi	Thamarai Kuttai Eri	MI Tank	02.50.00	
		Duttampatti	Kolandampatty Eri	MI Tank	18.14.50	
		Desavilaku	Veedan valavu Kuttai	MI Tank	0.10.50	
		T.Konagapadi	Thoppur Eri	MI Tank	01.75.00	
15	Thara mangalam	T.Konagapadi	Athikattanur Eri	MI Tank	01.60.00	
		Kurukupatti	Kurukkupatty Eri	MI Tank	13.69.5	
		Kurukupatti	Kurukkupatty Eri	MI Tank	16.92.0	
		Duttampatti	Kuttai	MI Tank	0.19.5	
		Duttampatti	Duttampatty Eri	MI Tank	0.37.50	
		Duttampatti	Duttampatty Eri	MI Tank		
		Arurpatti & Ramireddipatti	Arurpatty Eri	MI Tank	0.4.58	
		Arurpatti	Arurpatty Eri	MI Tank	0.14.99	
		Amarakundi	Pudur Eri	MI Tank	16.65.5	
		Amarakundi	Kathan Eri	MI Tank	10.36.25	
		Mallikuttai	Mallikuttai Eri	MI Tank	12.72.5	
		Arurpatti	Palakkaranur Kuttai	MI Tank	0.0.05	
		Arurpatti	Sedapatty Kuttai	MI Tank	0.5.2	
		Selavadai	Chinna Eri	MI Tank	05.60.00	
		Elavampatti	Elavampatty Eri	MI Tank	04.50.00	
		Manathal	Manathal Eri	MI Tank	54.81.05	
		<b>Total</b>		<b>24</b>		<b>230.61</b>

16	Kadayam patti	Danishpet	Chettipatty Eri	MI Tanks	51.31
		Deevattipatty	Siddanaicken Eri	MI Tanks	42.32
		Gundukkal	Thottappan Eri	MI Tanks	41.68
		Gundukkal	Chikkappan Eri	MI Tanks	5.41
		kanavaipudur	Chinnasakkilichi Eri	MI Tanks	38.20
		kanjanaickenpatty	Oodasal Eri	MI Tanks	52.77
		kanjanaickenpatty	Velauthampillai Eri	MI Tanks	74.96
		kanjanaickenpatty	Rakkipatty Eri	MI Tanks	14.18
		karuvalli	Karuvalli Eri	MI Tanks	32.44
		karuvalli	Marakottai Eri	MI Tanks	4.55
		kongupatty	Thottampatty Eri	MI Tanks	1.11
		kongupatty	Ondimamarathur Eri	MI Tanks	5.29
		kongupatty	Nallurpatty Eri	MI Tanks	8.15
		kongupatty	Kongupatty	MI Tanks	13.00
		koo-kuttapatty	Oongararajan Eri	MI Tanks	3.71
		Mookkanur	Mookkanur Eri	MI Tanks	17.83
		pannapatty	Pannapatty kuttai	MI Tanks	13.57
		poosaripatty	Pungan Eri	MI Tanks	35.22
		semmandapatty	Nayakkan Eri	MI Tanks	12.72
		semmandapatty	Semmandapatty Eri	MI Tanks	17.42
		semmandapatty	Gottankal Eri	MI Tanks	1.06
		umblickampatty	Poola Eri	MI Tanks	12.61
		Bommiampatty	KalachinnanEri	MI Tanks	21.82
		<b>Total</b>		<b>23</b>	

17	Sankari	Katheri	Puliyamkullam Eri	Pt. Tank	7.393
		Erukallur	Kallari Eri	Pt. Tank	21.283
		Erukallur	Podhu Eri	Pt. Tank	5.5
	<b>Total</b>		<b>3</b>		<b>34.176</b>
18	Idappady	Chettimankurichi	Pudhur Eri	Pt. Tank	22.18
		Chettimankurichi	Kottapuliyoor Eri	Pt. Tank	59.88
		Chitoor	Morasapatty Eri	Pt. Tank	3.88
		Chitoor	Melchittoor Eri	Pt. Tank	13.98
		Chitoor	Reddipatti Eri	Pt. Tank	3.85
		Iruppali	Mettupatty Eri	Pt. Tank	20.00
		Iruppali	Iruppali Eri	Pt. Tank	20.00
		Dhadhapuram	Bommasamuthiram Eri	Pt. Tank	10.46
		Dhadhapuram	Enjaneri Eri	Pt. Tank	10.19
		Dhadhapuram	Amman Eri	Pt. Tank	21.79
		Vellarivelli	Vellarivelli Eri	Pt. Tank	21.05
	<b>Total</b>		<b>11</b>		<b>207.25</b>
19	Kongana puram	Samudram	Panankuttai Eri	P.U.Tank	5.50
		Konasamudram	Senkuttai Eri	P.U.Tank	23.18
		Konasamudram	Arasankuttai Eri	P.U.Tank	23.49
		Koranampatti	Koranampatti Eri	P.U.Tank	12.9
		Katchupalli	Aythakuttai Eri	P.U.Tank	5.43
		Katchupalli	Kollapatti Eri	P.U.Tank	6.19
		Katchupalli	Katchupalli Kasper Eri	P.U.Tank	22.16
		Katchupalli	Iyyampalayam Eri	P.U.Tank	8.08
		Kurumbapatti	Pungan Eri	P.U.Tank	15.88
	<b>Total</b>		<b>9</b>		<b>122.81</b>

20	Magudan chavadi	Kandakulamanickam	Kandakula Manickam Eri	P.U.Tank	6.4.0
		Kandakulamanickam	Kangeyampalyam Eri	P.U.Tank	9.74.5
		A.Thalaiyur	Varatterti	P.U.Tank	1.2.0
		A.Thalaiyur	Manguttapatty Eri	P.U.Tank	11.92.0
		Kanagagiri	Kanagagiri Eri	P.U.Tank	10.82.5
		NaduvanEri	NaduvanEri Eri	P.U.Tank	30.74.5
		KannandEri	KannandEri Eri	P.U.Tank	18.66.5
		A.Pudur	AyyanEri Eri	P.U.Tank	9.21.0
		A.Pudur	Alagappampalayam Eri	P.U.Tank	17.03.05
		A.Pudur	Reddipatty Eri	P.U.Tank	7.34.0
		Magudanchavadi	GoundanEri Eri	P.U.Tank	8.84.5
		Egapuram	Periya Eri	P.U.Tank	34.98.5
		Thappakuttai	Ayyanur Eri	P.U.Tank	5.92.5
		Vaiguntham	Selleyamman Kovil Eri	P.U.Tank	19.22.0
		Gudalur	Sevaga Selliamman Eri	P.U.Tank	2.32.5
<b>Total</b>		<b>15</b>		<b>189.55</b>	

## **CHAPTER – XIII**

### **PREPAREDNESS FOR SOUTH WEST MONSOON - 2024**



**INSPECTION OF VULNERABLE LOCATIONS:**









## Mock Drill

Taluk : Edappadi Village: Poolampatti Place : Poolampatti Bus stand





**Anna Nagar - Mettur**



**Kaveriapatti Agraharam - Padithurai, Sankari Taluk**



**Taluk : Sankari Village : Paddirai, Keveripatti Agrahaaram**





## Kalvadangam - Sankari Taluk



## Edappadi Taluk – Navithankuttai Village Inundate due to river water inflow from Cavery river 01.08.2024



**CHAPTER – XIV**  
**IMPORTANT CONTACT NUMBERS**



**GEOLOGICAL SURVEY OF INDIA****(For landslide related issues)**

<b>Sl. No</b>	<b>Name of Officer/ Designation and Location of Deployment</b>	<b>Telephone (Office)</b>	<b>Email id</b>
1	Tmt. Pooja Kulkarni, I.A.S., Commissioner of Mines, Director of Geology and Mining, Guindy, Chennai	044-2501158 044-2500225 (Fax)	<a href="mailto:cgmchennai32@gmail.com">cgmchennai32@gmail.com</a>
2	G.Paneerselvam Deputy Director, (Mines) Salem.	9489953321	

**INDIAN METEOROLOGICAL  
DEPARTMENT****(For weather related early warning and data)**

<b>Name of Office</b>	<b>Telephone (Office)</b>	<b>Email id</b>
Dr.S.Balachandran DDGM,(Regional Meteorological Centre, Chennai)	044-28271951 044-28271581 (Fax)	<a href="mailto:acwctp@gmail.com">acwctp@gmail.com</a>
R.Marimuthu (Meteorological Observatory Collectorate,Salem)	0427-2450809	<a href="mailto:metobsysalem@gmail.com">metobsysalem@gmail.com</a>

**CENTRAL WATER COMMISSION****(For floods/flash floods and early  
warningthereof)**

<b>Designation and Location of Deployment</b>	<b>Telephone (Office)</b>
T.K.Sivarajan (Chief Engineer Cauvery & Southern Rivers Circle Sangamam Gandhimanagar, Peelamedu, Coimbatore-641004)	0422-2512242  0422-2512243 (Fax)



**AIR HQR (EXCHANGE NO-23010231)**  
**(For requisition of Air force in disasters)**

<b>Name of Officer / Designation and Location of Deployment</b>	<b>Telephone (Office)</b>
Sulur Airforce Station No 5 BRD Airforce, Coimbatore-641401	0422-2683318 0422-2683686 (Fax)

**ARMY HQR (EXCHANGE NOS-  
23010131/23018197)**  
**(For requisition of army during  
disasters)**

<b>Name of Officer / Designation and Location of Deployment</b>	<b>Telephone (Office)</b>	<b>Email id</b>
Wellington Army School Brig SK. Sangwan Wellington The Nilgiris-643232	0423- 2230213 0423- 2234431 (Fax)	<i>leowellington@gmail.com</i>

**ALL INDIA RADIO**  
**(For broadcasting services)**

<b>Designation</b>	<b>Contact No.</b>	<b>Address</b>
Station Director	044-24984060 044-24995877 044-24995877 09444019160	Air.7. Kamarajarsalai Mylapore, Chennai-4. <i>chennai@air.org.in</i>

**CONTACT DETAILS OF NDRF  
OFFICERS**

**(For Specialized response  
during disasters)**

**NDRF Head Quarter  
NDRF BATALLIONS**

<b>Designation</b>	<b>Address</b>	<b>Contact No.</b>	<b>Email id</b>
Commando	4th Bn NDRF PO- Suraska Campus Arrakonam, Vellore, TamilNadu	04177- 246269 04177- 246594 Mob: 09442105169	<i>tn04_ndrf@nic. in</i>

**INDIAN OIL CORPORATION**

**(For POL and LPG)**

<b>Designation</b>	<b>Contact No.</b>	<b>Address</b>
Executive Director	044- 28330121	Indian oil Bhavan 139 MG Road Chennai-34

**CENTRAL PUBLIC WORKS DEPARTMENT**

**(For road clearance, machinery and  
manpower)**

<b>Designation</b>	<b>Contact No.</b>	<b>Address</b>
Special Director General	044- 24464711 044- 24463711 044-24464688 (Fax) <i>adgsrcpud@nic.in</i>	G wing 1 <sup>st</sup> floor, Rajaji Bhavan, 3 <sup>rd</sup> Avenue Besant Nagar, Chennai-90

**(LINE DEPARTMENTS) IN SALEM DISTRICT**

<b>Sl. No.</b>	<b>NAME OF THE DEPARTMENT</b>	<b>NAME OF THE OFFICER Thiruvallur</b>	<b>LAND LINE NUMBER</b>	<b>MOBILE NUMBER</b>
1.	District Collector, Salem	Dr. R. Brindha Devi I.A.S.,	0427-2450301	9444164000
2.	The Commissioner of Corporation, Salem	Ranjeet Sing, I.A.S	0427- 221313	7397389315
3.	Additional Collector (Development),Salem	Lalitaditya Neelam, I.A.S	0427-2451563	7373704207
4.	Sub-Collector, Mettur	N.Ponmani, I.A.S.	04298-244063	9445000435
5.	The Commissioner of Police, Salem city	Praveen Kumar Abhinpu, I.P.S.,	0427-2272921	97177-93957, 88258-82175
6.	The SupErindent of Police, Salem.	Gowtam gowal, I.P.S.,	0427-2224000	9498006969
7.	The District Forest Officer, Salem/Attur Division	Kashyap Shashank Ravi, I.F.S	0427-2213131	9626126228
8.	District Revenue Officer, Salem	Dr.P.Menaha, M.V.Sc.,	0427-2450303	9445000911
9.	The Managing Director, Sago serve Salem.	R.Keerthi Priyadharshni	-	7448444838
4.	The Regional Director,Municipal Administration,Salem	R. Poongodi Arumaikan	-	7397396273
10.	Personal Assistant (General)to Collector	M.Jaganathan	0427-2415097	9445160708
11.	The Senior Regional Manager, TN Civil Supplies corporation Salem	R.Eshwari	0427-2417575	9443118108
12.	The Superintending Engineer, TNEB, Udayapatty, Salem	D.Pushba ladha (I/C)	0427-2243181 0427-2241626	9445852300
13.	The Superintending Engineer, TNEB, Mettur.	G.Dharani	0427-2241357	9445852200
14.	The Joint Director , Agriculture, Salem	S.Singaram	04298-244016	9442616609 9865529676
15.	Deputy Director, Horticulture, Salem	K.Manjula	0427-2451050 0427-2241310	9443288958
16.	Assistant Director, Sericulture, Salem.	Dr.P. Radhika	0427-2901775	9444982677
17.	The Joint Director, Health Services Salem.	Dr.V.P.Banumathi	0427-2413775	9444982677
18.	The Deputy Director, Health Services Salem	Dr.S.Soundammal	0427-2210563	9962560901

19.	The Deputy Director, Health Services Attur.	Dr.Yoganand	04282-290104	9443091924 7094422252
20.	The Regional Joint Director of Animal Husbandry, Salem	Dr. N. Bharathi	0427-2451721	9445001129
21.	The Dean, Mohan Kumaramangalam Govt. Hospital, Salem.	Dr. Manikandan (I/C)	0427-2210563	9080589072
22.	The Managing Director, TN State Transport Corporation. Salem	K. Elangovan	0427-2316801 0427-2314391 0427-2314392	9487997001
23.	The Regional Transport Officer, Salem west	M.Raghupathy (i/c)	0427-2225588	9384808230
24.	The Regional Transport Officer, Salem East	D.Damodharan (i/c)	0427-2243144	9384808220
25.	The Regional Transport Offices, Salem South	D.Arivazhgan (i/c)	0427-2272588	9384808235
26.	The Regional Transport Offices, Attur	M.Raghupathy	-	9384808227
27.	The Regional Transport Offices, Sankari	K.Subramanian	-	9384808237
28.	The Regional Transport Offices, Mettur	K.Subramanian (i/c)	-	9384808240
29.	The Chief Educational officer, Salem	M.Kabeer	0427-2450254	7373002871
30.	District Educational officer, Salem	M.Mohan	0427-2411610	9943540517
31.	The Assistant Director, Fisheries, Mettur.	T.Umakalaiselvi	04298-244045	7904697121
32.	The Executive Engineer WRD Mettur	B. Sivakumar	04298-244042	9994402604
33.	The Executive Engineer, WRD , Salem	N.Anandhan	0427-2413116	9443480409
34.	The Divisional Engineer, High Ways, Salem.	M.Muthu Kumar	0427-2442904	9498664231
35.	The Divisional Engineer, High Ways Edappady	S.Shanmugasundaram	04283-222460	9443384059
36.	The District Officer Fire Service Salem.,	M.Mahalinga Moorthy	0427-2410938 0427-2440938	9445086376
37.	Joint Register of Co- operatives, Salem	P.Ravikumar	0427-2415158	9600841275

38.	The Deputy Director Statistics, Salem.	S.Kalaiselvi	0427-2416062	9445458071
39.	Assistant Director, (Panchayat), Salem.	K.Sangamithrai	0427-2451632	7402606753
40.	Assistant Director of Town Panchayat	R.Gururajan	0427-2413184	7824058061
41.	Assistant Director of Survey, Salem.	M.Rajasekaran	0427-2452550	9865965950
42.	The District Supply Officer, Salem.	S.Ganesh	0427-2451943	9445000222
43.	The Personal Assitant(Development) to Collector, Salem	K.S.Ravichandran	0427-2451683	7402606744
44.	The District Social Welfare Officer, Salem.	R.Suganthi (I/C)	0427-2413213	9150057631
46.	The District Informatics Officer, Salem.	A.Mohan	0427-2411295	9486897045
47.	The Public Relation Officer, Salem.	S.Swaminathan	-	9498042440
48.	The Executive Engineer, Tamil Nadu Water Drainage Board, Salem.(Maintanance)	B.Prabakaran	0427-2417351	8610505817
49.	The Executive Engineer, Tamil Nadu Water Drainage Board, Salem.(Rural)	G.Kalyani	0427-2448261	9442155058
50.	The Executive Engineer, Tamil Nadu Water Drainage Board, Edapady, (Maintanance)	G.Kalyani (I/C)	0427-2448261	9442155058
51.	The District Engineer, Pollution Control Board, Salem.	G.Udhyakumar	0427-2448526	8056042245
52.	The Executive Engineer Tamil Nadu Housing Board Salem.	A.Ganesan	0427-2401764	9940498963
53.	The Executive Engineer Slum Clearance Board Salem.	C.Vijayamohan	0427- 2318002	9443900155
54.	The Manager, Tanmag ,Salem	S.Savitha	0427-2346342	9940669909
55.	Senior Plant Manager, Indian Oil Corporation Karuppur Salem.	C.Shiva Rama Krishna	-	8500945824

56.	The General Manager, Aavin, Salem.	P.Kumareswaran	0427-2387033	9842746468
57.	Revenue Divisional Officer, Salem.	A.Abinaya	0427-2414666	9445000433
58.	Revenue Divisional Officer, Attur	T.Periyadharshni	04282-251400	9445000434
59.	Revenue Divisional Officer, Sankari	N.Loganayaki	04283-240242	9445000436
60.	Divisional Railway Manager, Salem	Pankaj Kumar Sinha		9003956000
61.	Airport Director,AAI, Salem (Kamalapuram)	Vijay Ubathyaya	-	9953230372
62.	The Deputy Manager TNSTC Salem (commerical)	N.Kalaivanan	0427-2314393	9489900711
63.	The Assistant Commissioner (Excise), Salem	C.Maran	-	9445074592
64.	The Special Deputy Collector (SSS), Salem.	A.Mayil	-	9443797855
65.	The Special Deputy Collector, (Stamps) Salem.	M.Ravichandran	-	9994798650
66.	The District Backward Classes and Minority Welfare Officer, Salem.	R.Murugan	-	9445477849
67.	The District Adidravidar and Tribal Welfare Office, Salem.	N.Jayakumar	-	7338801270
68.	The District Manager, TASMAC, Salem.	S.Dhananjayan	-	9445029739
69.	The Inspection Cell Officer, Salem.-	C.Maran (I/C)	-	9488220556

**CHAPTER – XV**  
**ANNEXURES**





**SALEM DISTRICT****FLOOD WATER RESCUE OPERATION Trained police personnel (SDRF)**

SNO	RANK	NAME	GPF NO / CPS NO	GENDER	CONTACT NUMBER	PRESENCE WORKING PLACE
1	WHC	P.SHANMUGAPRIYA	7092659/CPS	FEMALE	94981-77902	AR SALEM DT
2	WHC	P.DHANAM	7092454/CPS	FEMALE	94981-67603	AR SALEM DT
3	WHC	R.KALAIYARASI	7014970/CPS	FEMALE	94981-67576	AR SALEM DT
4	WHC	A.RANI	201132/GPF	FEMALE	94981-68261	AR SALEM DT
5	WHC	P.INDRALAKSHMI	7092464/CPS	FEMALE	94981-77020	AR SALEM DT
6	GRI	V.ARIVAZHAGAN	7132559/CPS	MALE	94981-18135	AR SALEM DT
7	GRI	R.SATHISH	7187781/CPS	MALE	80563-32395	AR SALEM DT
8	GRI	J.MARTIN	7187755/CPS	MALE	99528-96840	AR SALEM DT
9	GRI	D.ANANDAVEL	7198165/CPS	MALE	94981-23007	AR SALEM DT
10	WGRI	M.SARANYA	7202926/CPS	FEMALE	94981-76571	AR SALEM DT
11	WGRI	V.SATHYAPRIYA	7233564/CPS	FEMALE	94981-73742	AR SALEM DT
12	WGRI	K.SASIKALA	7203534/CPS	FEMALE	94981-73760	AR SALEM DT
13	WGRI	R.CHITRA	7203224/CPS	FEMALE	99431-23780	AR SALEM DT
14	PC	E.VELLIYANGIRI	7000374579/CPS	MALE	88834-71247	AR SALEM DT
15	PC	S.SELVADURAI	7000340419/CPS	MALE	99448-41191	AR SALEM DT
16	PC	D.MUTHAMILAN	7000363063/CPS	MALE	94982-04977	AR SALEM DT
17	PC	K.KARTHIKEYAN	7000340402/CPS	MALE	63834-12616	AR SALEM DT
18	PC	M.KARTHIK	7000374591/CPS	MALE	79040-01751	AR SALEM DT
19	PC	M.RAGHUVARAN	7000374978/CPS	MALE	88709-57010	AR SALEM DT
20	PC	S.VENKATACHALAM	7000370636/CPS	MALE	94982-34769	AR SALEM DT
21	PC	V.KALAINATHAN	7000342383/CPS	MALE	94982-04047	AR SALEM DT
22	PC	R.THAMOTHARAN	7000363134/CPS	MALE	89037-46160	AR SALEM DT
23	PC	R.MURALIDHARAN	7000342381/CPS	MALE	701037-3273	AR SALEM DT

24	WPC	M.LALITHA	7000341978/CPS	FEMALE	94982-08138	AR SALEM DT
25	WPC	A.SUGANYA	7000352576/CPS	FEMALE	96552-61329	AR SALEM DT
26	GRI	M.KARTHICK	7187746/CPS	MALE	94981-13090	AR SALEM DT
27	PC	R.SRIRAM	7000371007/CPS	MALE	94982-32658	AR SALEM DT
28	PC	P.JOHNDE ROSE	7000374564/CPS	MALE	81489-83896	AR SALEM DT
29	PC	P.SURENDRAN	7000350635/CPS	MALE	94982-08967	AR SALEM DT
30	PC	S.PRABU	7000340060/CPS	MALE	72004-32024	AR SALEM DT
31	GRI	M.VENKATESH	7188491/CPS	MALE	94981-77491	ATTUR TOWN PS
32	GRI	R.RAJA	7188373/CPS	MALE	94981-73972	ATTUR TOWN PS
33	HC	T.RANJITHKUMAR	710399/CPS	MALE	94981-67546	ATTUR RURAL PS
34	SSI	M.ARJUNAN	183661/GPF	MALE	94981-67713	VEERAGANUR PS
35	HC	P.THANGARAJ	197622/GPF	MALE	94981-67399	GANGAVALLI PS
36	HC	K.GANESAN	197198/GPF	MALE	94981-68018	ATTUR RURAL PS
37	HC	P.VIJAY ANAND	197115/GPF	MALE	94981-68190	KARIAKOIL PS
38	HC	P.BABU	7136279/CPS	MALE	34981-67536	KARUMANDURAI PS
39	HC	R.RAMESH	7104163/CPS	MALE	94981-26776	KANGANAPURAM PS
40	HC	P.EASWARAMOORTHY	7080316/CPS	MALE	99443-38766	MALLUR PS
41	Gr.I	S.VASANTHAKUMAR	7102561/CPS	MALE	93603-76300	PANAMARATHUPATTI PS
42	HC	P.ELAIYARAJA	7104240/CPS	MALE	94981-67460	YERCAUD PS
43	HC	R.RAJA	199279/GPF	MALE	94981-67173	OMALUR PS

44	Gr.I	M.INDURAJ	7132767/CPS	MALE	94981-17981	DEEVATTIPATTI PS
45	SSI	P.MADHESH	193536/GPF	MALE	94981-68239	THARAMANGALAM PS
46	Gr.I	M.NAVEENKUMAR	7187813/CPS	MALE	94981-17751	THARAMANGALAM PS
47	SSI	P.SELLAPPAN	172101/GPF	MALE	94981-68187	JALAGANDAPURAM PS
48	Gr.I	M.THANGARAJU	7089901/CPS	MALE	94981-75681	NANGAVALLI PS
49	WHC	B.JAYACHITRA	201348/GPF	FEMALE	94981-67630	OMALUR AWPS
50	Gr.I	S.SIVA	7187672/CPS	MALE	94981-18074	SANKARI PS
51	GR.I	A.PACHAMUTHU	7132528/CPS	MALE	94981-76004	SANKARI PS
52	HC	G.SIVAPRAKASAM	198686/GPF	MALE	94981-67429	THEVUR PS
53	Gr.I	A.ARUNACHALAM	7198357/CPS	MALE	94981-15432	EDAPPADI PS
54	Gr.I	M.RAMACHANDIRAN	7187698/CPS	MALE	94981-20873	EDAPPADI PS
55	Gr.I	M.SAKTHIVEL	7089915/CPS	MALE	94981-75420	KONGANAPURAM PS
56	Gr.I	R.RAMESH	7198520/CPS	MALE	94981-14573	VALAPADY PS
57	PC	M.SIVAKUMAR	7000340157/CPS	MALE	94982-15724	METTUR PS
58	HC	A.BARKATHULLA	7105255/CPS	MALE	94981-67544	KARUMALAIKOODAL PS
59	Gr.I	A.GOPAL	7102528/CPS	MALE	73584-38268	MECHERI PS

**SALEM CITY - SDRF TRAINED - POLICE PERSONS LIST - 2023**

1.	AR	S.I.	Tr. Sekar	94981-66362
2.	AR	HC 536	Tr Prakash	94981-66536
3.	AR	GrI 1018	Tr Prakash	94981-33610
4.	AR	GrI 612	Tr Vijiyakumar	94981-36800
5.	AR	GrI 1635	Tr Raghu	94981-76005
6.	AR	GrI 2044	Tr Prithiviraj	94981-14909
7.	AR	GrI 587	Tr Jayakumar	94981-39120
8.	AR	GrI 1913	Tr Thayalan	94981-17646
9.	AR	GrI 1049	Tr Narasimmaraja	94981-17823
10.	AR	GrI 362	Tr Vickraman	94981-20856
11.	AR	GrI 1914	Tr Kumar	94981-18066
12.	AR	GrI 1947	Tr Pradeepkumar	94981-76495
13.	AR	GrI 1874	Tr Kadharkhan	94981-38780
14.	AR	GrI 1908	Tr Thangasamy	94981-15375
15.	AR	GrI 583	Tr Prabhu	94981-18050
16.	AR	GrI 1958	Tr Parivel	94981-18130
17.	AR	GrI 374	Tr Gunasekaran	94981-18153
18.	AR	GrI 1912	Tr Vasanthakumar	94981-14974
19.	AR	GrI 1916	Tr Karthick	94981-13499
20.	AR	GrI 718	Tr Subramani	94981-16515
21.	AR	GrI 1263	Tr Arunkumar	94981-39030
22.	AR	GrI 411	Tr Chandrakumar	94981-14937
23.	AR	GrI 409	Tr Raja	94981-18052
24.	AR	GrI 392	Tr Raghu	94981-15099
25.	AR	GrI 617	Tr. Thiyagrajan	94981-18115
26.	AR	GrI 434	Tr. Palanivel	94981-23522
27.	AR	PC 1540	Tr Gunasekaran	96299-09317
28.	AR	PC 2045	Tr. Sudharsan	83446-19767
29.	AR	PC 2068	Tr. Rajkumar	85085-03735

## Details of Talukwise number of First Responders

<b>S.NO.</b>	<b>Taluk</b>	<b>No. of First Responders</b>
1	Salem	44
2	Salem West	91
3	Salem South	93
4	Valapady	43
5	Yercaurd	68
6	Attur	105
7	Gangavalli	96
8	P. N. Palayam	91
9	Thalaivasal	50
10	Sankari	24
11	Edappady	53
12	Mettur	149
13	Omalur	72
14	Kadaiyampatti	23
<b>Total</b>		<b>1002</b>

**SALEM DISTRICT - DISASTER MANAGEMENT PLAN -2024**

**Animal Shelters and their First Responders**

S.No.	Name of the Taluk	Name of the Vulnerable Area	Status of Vulnerability	Name of the Revenue Village	First Responders		Animal Shelters	
					Name	Mobile no.	Cattle Pound	Grazing ground with S.F.
1	Salem West	ChinneriVayakkadu	<b>2)High Vulnerable Area (3-5 feet water level)</b>	Salem Corporation	Dr.Ilayanilavan	9789163215	Veterinary Dispensary Narasothipatty Permises	0.20.0Ha 110/1
2		Konerikarai		Salem Corporation	Dr.Ilayanilavan	9789163215	Veterinary Dispensary Narasothipatty Permises	0.20.0Ha 110/1
3		Sivathapuram		Salem Corporation	Dr.S.Saran	9962744206	Veterinary Dispensary SivathapuramPermises	0.20.0Ha 110/1
4	Edappady	1.Panankadu		E.O.Town Panchayat Poolampatty	Dr.Kumaran	9842790771	Veterinary Dispensary Poolampatty Permises	1.46.0Ha. S.No.88/1
		2.Kattur Parisalthurai					Veterinary Dispensary Poolampatty Permises	0.52.0Ha. S.No.88/2
		3.Kottamedu (Kaveri Basin Poolampatty River)					Veterinary Dispensary Poolampatty Permises	3.67.0Ha. S.No.88/4
5	Mettur	AnnaNagar, Periyar Nagar Thangamapuripattinam, P.N.Patty		Mettur Municipality	Dr.Thamotharan	9677772313	Veterinary Hospital Mettur Permises Veterinary Dispensary, Kavery Cross	0.31.5 Ha. S.No.154/2
6		Mettur to Poolampatti Road, Kolnaickenpatti Village,(Erikadu)	Kolathur Panchayat	Dr.Divyabarathi	8883332290	Veterinary Dispensary Kolathur Permises	0.02.5 Ha. S.No.155/2	
7	Sankari	Kaveripattii Agraharam, Padithurai	Thevur Panchayat	Dr.Kannan	9791725773	Veterinary Dispensary Thevur Permises	0.73.0 Ha. S.No.275/1	
8	Salem South	Agaram Colony (Gate Kadu)	<b>3)Moderate Vulnerable Area (2-3 feet water level)</b>	Salem Corporation	Dr.Vivekanandhan	9600329625	Veterinary Dispensary Seelnaickenpatty Permises	0.47.0 Ha. S.No.23/16
9		KP Karadu (Anathanapatty) Rock falls due to Rain and soil erosion					Veterinary Dispensary Seelnaickenpatty Permises	0.47.0 Ha. S.No.23/16
10		Uthumalai Karadu (Seelanaickenpatty) Rock falls due to Rain and soil erosion					Veterinary Dispensary Jarikondalampatty Permises	0.47.0 Ha. S.No.23/16
11		Ammbal Eri Amman Nagar					Veterinary Dispensary Jarikondalampatty Permises	0.47.0 Ha. S.No.23/16
12	Salem	Pachapatti	Salem	Dr.Vivekanandhan	9600329625	Veterinary Dispensary Seelnaickenpatty Permises	0.47.0 Ha. S.No.23/16	
13	Sankari	Annamar Koil Bridge, (Thevoor)	Sankari	Dr.Kannan	9842735773	Veterinary Dispensary Thevur Permises	10.21.0 Ha. S.No.116	
14	Salem West	Rail Nagar	<b>4) Less Vulnerable Area (below 2 feet water level)</b>	Salem Corporation	Dr.D.Vignesh	9965686426	Veterinary Dispensary Mittaiyemperumapatty Permises	0.65.0Ha. S.No.59
15		Ramalinga Nagar					Veterinary Dispensary Mittaiyemperumapatty Permises	0.65.0Ha. S.No.59
16		Seenivasa Nagar					Veterinary Dispensary Mittaiyemperumapatty Permises	0.65.0Ha. S.No.59

17	Salem	Dhathubaikuttai area and MM Road	Salem Corporation	Dr.K.Aravindhan	8610582858	Veterinary Dispensary Jarikondalampatty Permises	0.47.0 Ha. S.No.23/16
18		Narayana Nagar		Dr.Vivekanandhan	9600329625	Veterinary Dispensary Seelnaickenpatty Permises	0.47.0 Ha. S.No.23/16
19	Attur	Ward-5, MGR Nagar, NVN Nagar	Narasingapuram Municipality	Dr.M.Murugesan	9443350183	Veterinary Dispensary Narasingapuram Permises	0.08.0 Ha. S.No.80/1
20		Ward-10 Paneerselvam Street, Kailasanathar Street	Attur Municipality	Dr.Mahatma	9443411224	Veterinary Dispensary Kallanatham Permises	0.08.0 Ha. S.No.80/1
21	Valappady	Indra Nagar	Valappady Town Panchayat	Dr.Selvaraj	9443895285	Veterinary Dispensary Thukkiyampalayam Permises	0.26.5Ha. S.No.39/1
22	Mettur	MGR Nagar, Mathayankuttai, Indira Nagar, Thukanampatti, Mettur Town, Navapatti	Mettur Municipality	Dr.N.Senthilkumar Dr.Thamotharan	9842089285 9677700000	Veterinary Hospital Mettur Permises Veterinary Dispensary. Kavery Cross	0.26.5Ha. S.No.39/1
23	Edappady	1.Kombaikadu Navithan Kuttai	Edappady Panchayat	Dr.Arulprakashraj Dr.Rajalakshmi	9443514323 9488576060	Veterinary Hospital Edapadi Permises	3.16.0Ha. S.No.448/2
		2.Kombaikadu, Poomaniyur				Veterinary Dispensary Siluvampalayam Permises	3.16.0Ha. S.No.448/2

## HELPLINE NUMBER

To Report A Crime Control Room	100
Fire Service	101
To Report Traffic Violation	103
Ambulance	108
Child Line	1098
Women help Line	1091
Coastal Security Help Line	1093
Railway Police Help Line	9962500500 , 1512
Anti Ragging complaints	1800-180-5522, <a href="mailto:info@amanmovement.org">info@amanmovement.org</a>
Railway Protection Force	1322
DSO Complaints	1967
Salem District Collectorate Board	0427-2450301



## Useful Websites of Disaster Information's

<b>National Level Websites</b>		
<b>S.No</b>	<b>Organisation</b>	<b>Website address</b>
1	Asian Ministerial Conference on Disaster risk Reduction	<a href="http://nidm.gov.in">http://nidm.gov.in</a>
2	Central Arid Zone Research Institute	<a href="http://www.cazri.res.in">http://www.cazri.res.in</a>
3	Central Building Research Institute	<a href="http://www.cbri.res.in">http://www.cbri.res.in</a>
4	Central Ground water Board	<a href="http://cgwb.gov.in">http://cgwb.gov.in</a>
5	Central Research Institute for Dry land Agriculture	<a href="http://crida.in">http://crida.in</a>
6	Central Water Commission	<a href="http://www.cwc.nic.in">http://www.cwc.nic.in</a>
7	Corporate Disaster Resource Network	<a href="http://www.cdm.org.in">http://www.cdm.org.in</a>
8	Geological Survey of India	<a href="http://www.portal.gsi.gov.in">http://www.portal.gsi.gov.in</a>
9	India Metrological Department	<a href="http://imd.gov.in">http://imd.gov.in</a>
10	Indian Agricultural Research Institute	<a href="http://www.iari.res.in">http://www.iari.res.in</a>
11	Indian Council of Forestry Research and Education	<a href="http://www.icfre.org">http://www.icfre.org</a>
12	Indian Disaster Resource network	<a href="http://www.idrn.gov.in">http://www.idrn.gov.in</a>
13	Indian Space Research Organisation	<a href="http://www.isro.org">http://www.isro.org</a>
14	Indira Gandhi National Forest Academy	<a href="http://www.ignga.gov.in">http://www.ignga.gov.in</a>
15	Indian National Centre for Ocean Information services	<a href="http://www.incois.gov.in">http://www.incois.gov.in</a>
16	Institute of Insurance and Risk management	<a href="http://www.iirmworld.org.in">http://www.iirmworld.org.in</a>
17	Lal Bahadur Shastri National Academy of Administration	<a href="http://www.lbsnaa.gov.in">http://www.lbsnaa.gov.in</a>
18	Ministry of Home Affairs	<a href="http://www.ncmrwf.gov.in">http://www.ncmrwf.gov.in</a>
19	National Centre for Medium Range Weather Forecasting	<a href="http://www.ncmrwf.gov.in">http://www.ncmrwf.gov.in</a>
20	National Cyclone Risk Mitigation Project	<a href="http://www.ncrmp.gov.in">http://www.ncrmp.gov.in</a>
21	National Disaster Response Force	<a href="http://ndrfandcd.gov.in">http://ndrfandcd.gov.in</a>
22	National Disaster Management, Govt. of India	<a href="http://www.ndmindia.nic.in">http://www.ndmindia.nic.in</a>
23	National Disaster Management Authority	<a href="http://ndma.gov.in">http://ndma.gov.in</a>
24	National Platform for Disaster Risk Reduction	<a href="http://nidm.gov.innpdrr">http://nidm.gov.innpdrr</a>
25	NIDM Online Courses Portal	<a href="http://onlineidm.gov.in">http://onlineidm.gov.in</a>
26	NIDM self study portal	<a href="http://nidmssp.in">http://nidmssp.in</a>
27	National Fire Service College	<a href="http://nfsxnagpur.nic.in">http://nfsxnagpur.nic.in</a>

28	National Institute of Hydrology	<a href="http://www.nih.emet.in">http://www.nih.emet.in</a>
29	National Institute of Oceanography	<a href="http://www.nio.org">http://www.nio.org</a>
30	National Portal Of India	<a href="http://india.gov.in">http://india.gov.in</a>
31	National Remote Sensing Centre	<a href="http://www.nrsc.gov.in">http://www.nrsc.gov.in</a>
32	Tata Institute of Social Sciences	<a href="http://www/tiss.edu">http://www/tiss.edu</a>
33	The Energy and Research Institute	<a href="http://www.terrin.org">http://www.terrin.org</a>

<b>India – SDMA State Government Website</b>		
<b>Sl.No</b>	<b>Organisation</b>	<b>Website address</b>
1	Andhra Pradesh	<a href="http://disastermanagement.ap.gov.in">http://disastermanagement.ap.gov.in</a>
2	Assam	<a href="http://sdmassam.nic.in">http://sdmassam.nic.in</a>
3	Bihar SDMA	<a href="http://bsdma.org">http://bsdma.org</a>
4	Delhi	<a href="http://www.delhi.gov.in">http://www.delhi.gov.in</a>
5	Gujarat	<a href="http://www.gsdma.org">http://www.gsdma.org</a>
6	Haryana	<a href="http://revenueharyana.gov.in">http://revenueharyana.gov.in</a>
7	Himachal Pradesh	<a href="http://hpsdma.nic.in">http://hpsdma.nic.in</a>
8	Jharkhand	<a href="http://www.jharkandonline.gov.in">http://www.jharkandonline.gov.in</a>
9	Kerala	<a href="http://sdma.kerala.gov.in">http://sdma.kerala.gov.in</a>
10	Madhya Pradesh	<a href="http://www.mp.gov.in/relief">http://www.mp.gov.in/relief</a>
11	Maharashtra	<a href="http://mdmu.maharashtra.gov.in">http://mdmu.maharashtra.gov.in</a>
12	Manipur	<a href="http://manipur.gov.in">http://manipur.gov.in</a>
13	Mizoram	<a href="http://mizoramdmr.nic.in">http://mizoramdmr.nic.in</a>
14	Nagaland	<a href="http://nagaland.nic.in">http://nagaland.nic.in</a>
15	Odisha	<a href="http://www.osdma.org">http://www.osdma.org</a>
16	Punjab	<a href="http://punjabrevenue.nic.in">http://punjabrevenue.nic.in</a>
17	Rajasthan	<a href="http://www.rajrelief.nic.in">http://www.rajrelief.nic.in</a>
18	Tamilnadu	<a href="http://www.tn.gov.in/tsunami">http://www.tn.gov.in/tsunami</a>
19	Tripura	<a href="http://sdmtripura.nic.in">http://sdmtripura.nic.in</a>
20	Uttar Pradesh	<a href="http://rahat.up.nic.in">http://rahat.up.nic.in</a>
21	West Bengal	<a href="http://www.wbdma.gov.in">http://www.wbdma.gov.in</a>

<b>International Level Website</b>		
<b>Sl.No</b>	<b>Organisation</b>	<b>Website address</b>
1	Action Aid	<a href="http://www.actionaid.org">http://www.actionaid.org</a>
2	Alter Net	<a href="http://www.alcrnet.org">http://www.alcrnet.org</a>
3	Asian Disaster Reduction Center	<a href="http://www.adrc.asia">http://www.adrc.asia</a>
4	Canadiam Association for Earthquake Engineering	<a href="http://www.caee.uottawa.ca">http://www.caee.uottawa.ca</a>
5	Center For Snow and Avalanche Studies	<a href="http://www.snowstudies.org">http://www.snowstudies.org</a>
6	Center For Disease Control and Prevention	<a href="http://www.cdc.gov">http://www.cdc.gov</a>
7	Cooperative for Assistance and Relief Everywhere	<a href="http://www.giz.de/en">http://www.giz.de/en</a>
8	Deutsche Gesellschaft for International Zusammenarbeit	<a href="http://www.giz.de/en">http://www.giz.de/en</a>
9	Disaster & GIS related Information	<a href="http://www.esri.com/hazards">http://www.esri.com/hazards</a>
10	Disaster related News Service	<a href="http://www.disasternews.net">http://www.disasternews.net</a>

**CHAPTER – XVI**  
**ABBREVIATIONS**



<b>Sl. No.</b>	<b>Abbreviations</b>	<b>Expansion</b>
1	<b>DDMP</b>	District Disaster Management Plan
2	<b>DDMA</b>	District Disaster Management Agency
3	<b>DM</b>	Disaster Management
4	<b>DDMC</b>	District Disaster Management Committee
5	<b>SOP</b>	Standard Operation Procedures
6	<b>NH</b>	National Highways
7	<b>VP</b>	Physical Vulnerability
8	<b>NCMC</b>	National Crisis Management Committee
9	<b>NDMA</b>	National Disaster Management Authority
10	<b>NDRF</b>	National Disaster Response Force
11	<b>NIDM</b>	National Institute of Disaster Management
12	<b>CBRN</b>	Chemical, Biological, Radiological, Nuclear
13	<b>NEC</b>	National Executive Committee
14	<b>GOI</b>	Government of India
15	<b>SDMA</b>	State Disaster Management Authority
16	<b>EOC</b>	Emergency Operation Centre
17	<b>IMD</b>	Indian Metrological Department
18	<b>VAO</b>	Village Administration Officer
19	<b>DEOC</b>	District Emergency Operation Centre
20	<b>CWDS</b>	Cyclone Warning Dissemination System
21	<b>ESF</b>	Emergency Support Functions
22	<b>SRC</b>	State Relief Commissioner
23	<b>SEOC</b>	State Emergency Operation Centre

24	<b>NEOC</b>	National Emergency Operation Centre
25	<b>MEOC</b>	Mobile Emergency Operation Centre
26	<b>IC</b>	Incident Commander
27	<b>DAC</b>	District Advisory Committee
28	<b>BDO</b>	Block Development Officer
29	<b>DRDA</b>	District Rural Development Agency
30	<b>DIC</b>	District Industrial Centre
31	<b>PWD</b>	Public Works Department
32	<b>E.B</b>	Electricity Board
33	<b>PHC</b>	Primary Health Centre
34	<b>NGO</b>	Non Governmental Organization
35	<b>AAO</b>	Assistant Agricultural Officer
36	<b>VHN</b>	Village Head Nurse
37	<b>SHN</b>	Sub Centre Head Nurse
38	<b>WRO</b>	Water Reservoir Organization
39	<b>RI</b>	Revenue Inspector
40	<b>PDS</b>	Public Distribution System
41	<b>BSNL</b>	Bharat Sanchar Nigam Ltd.,
42	<b>SSS</b>	Social Security Scheme
43	<b>NYK</b>	Nehru Yuva Kendra
44	<b>NCC</b>	National Cadet Corps
45	<b>NSS</b>	National Social Service
46	<b>RDO</b>	Revenue Divisional Officer
47	<b>TNCSC</b>	Tamilnadu Civil Supplies Corporation

48	<b>RD</b>	Rural Development
49	<b>DSO</b>	District Supply Officer
50	<b>JD(AH)</b>	Joint Director(Animal Husbandry)
51	<b>PRO</b>	Public Relations Officer
52	<b>CEO</b>	Chief Educational Officer
53	<b>ICS</b>	Incident Command System
54	<b>QRT</b>	Quick Response Team
55	<b>DMT</b>	Disaster Management Team
56	<b>IAP</b>	Immediate Action Plan
57	<b>IAG</b>	Inter Agency Group
58	<b>TNSTC</b>	Tamilnadu State Transport Corporation
59	<b>SDRF</b>	State Disaster Response Force
60	<b>ECS</b>	Electronic Clering System
61	<b>MNREGA</b>	Mahatma Gandhi National Rural Employment Guarantee Agency
62	<b>MAN</b>	Mitigation Action Number
63	<b>IAY</b>	Indira Awar Yojana
64	<b>ARF</b>	Accident Report Form
65	<b>TWAD</b>	Tamilnadu Water And Drainage
66	<b>SEC</b>	State Executive Committee
67	<b>GIS</b>	Geographic Information System
68	<b>GPS</b>	Geographic Positioning System
69	<b>EIA</b>	Environmental Impact Assessments
70	<b>CU.M</b>	Cubic Meter
71	<b>M.T</b>	Metric Ton



72	<b>DPR</b>	Detailed Project Report
73	<b>CRF</b>	Calamity Relief Fund
74	<b>NCCF</b>	National Calamity Contingent Fund
75	<b>IAP</b>	Integrated Action Plan
76	<b>NRCP</b>	National River Conservation Programme
77	<b>NRHM</b>	National Rural Health Mission
78	<b>ICPS</b>	Integrated Child Protection Scheme
79	<b>SLSC</b>	State Level Sanctioning Committee
80	<b>PEO</b>	Programme Evaluation Organization
81	<b>IEO</b>	Independent Evaluation Organization
82	<b>TNSDMA</b>	Tamil Nadu State Disaster Management Authority
83	<b>DMIS</b>	Disaster Management Information Syster
84	<b>IFRC</b>	International Federation of Red Cross
85	<b>CDRRP</b>	Coastal Disaster Risk Reduction Project
86	<b>ADB</b>	Asian Development Bank
87	<b>IAMWARM</b>	Irrigated Agriculture Modernization and Water-Bodies Restoration and Management
88	<b>CBDRM</b>	Community Based Disaster Risk Management
89	<b>IDZT</b>	Inter Departmental Zonal Team
90	<b>VHF</b>	Very High Frequency
91	<b>IDRN</b>	Indian Disaster Resource Network

# 08 Ambulance Services

**District Co-ordinator – Tr.T.ARIVUKARASU**

**Cell: 73977-24858**

S.No	VehicleNumber	Base Location	EME Tvl.	Make	Style
1	TN20G1887	ALAGAPURAM POLICE STATION	Mr.Rajesh Kumar	Tempo	BLS
2	TN20G2811	AMMAPETTAI -ANNA PHC	Mr.Manoj Kumar	Maruti Eeco	PTA
3	TN20G3215	ATHUR POLICE STATION	Mr.Arun	Tempo	BLS
4	TN20G1683	ATTCHANKUTTAPATTI	Mr.Manoj Kumar	Tempo	BLS
5	TN20G2680	ATTUR GH II	Mr. Arun	Tempo	ALS
6	TN20G1999	BELUR PHC	Mr.Manoj Kumar	Tempo	BLS
7	TN20G3101	CIFT ATHUR	Mr. Arun	Tempo	BLS
8	TN20G3070	EDAPADI ALS	Mr.Rajesh Kumar	Tempo	BLS
9	TN20G2794	EDAPADI GH	Mr.Rajesh Kumar	Tempo	BLS
10	TN20G2882	ELAMPILLAI PHC	Mr.Rajesh Kumar	Tempo	BLS
11	TN20G3214	GANGAVALLI GH	Mr. Arun	Tempo	BLS
12	TN20G2795	JALAGANDAPURAM GH	Mr.Rajesh Kumar	Tempo	BLS
13	TN20G2806	JARUGUMALAI PHC	Mr.Manoj Kumar	Maruti Eeco	PTA
14	TN20G2813	KADAIYAMPATTI PHC	Mr.Manoj Kumar	Tempo	BLS
15	TN20G2623	KARIPATTI PHC	Mr.Manoj Kumar	Tempo	BLS
16	TN20G2657	KARUMANDURAI PHC	Mr.Manoj Kumar	Tempo	BLS
17	TN20G2820	KATTUKOTTAI PHC	Mr. Arun	Tempo	BLS
18	TN20G3151	KOLATHUR PHC	Mr.Manoj Kumar	Tempo	BLS
19	TN20G1984	KONDALAMPATTI POLICE STATION	Mr.Rajesh Kumar	Tempo	BLS
20	TN20G1605	KUNJANDIYUR	Mr.Manoj Kumar	Tempo	BLS
21	TN20G2736	MAGUDANCHAVADI ECC	Mr.Rajesh Kumar	Tempo	ALS
22	TN20G3298	MAGUDANCHAVADI PHC	Mr.Rajesh Kumar	Tempo	BLS
23	TN20G2821	MALLIAYAKARAI PHC	Mr. Arun	Tempo	BLS
24	TN20G2030	MALLUR PHC	Mr.Rajesh Kumar	Tempo	BLS
25	TN20G3560	MECHERI PHC	Mr.Manoj Kumar	Tempo	BLS
26	TN20G3328	METTUR GH	Mr.Manoj Kumar	Tempo	BLS
27	TN20G1168	METTUR GH NEONATAL	Mr.Manoj Kumar	Tempo	NLS
28	TN20G2808	MUNIYAPPAN KOVIL	Mr.Rajesh Kumar	Tempo	BLS

29	TN23G1253	NAGALUR PHC - 4WD	Mr.Manoj Kumar	Trax - 4 WD	Trax
30	TN20G2153	NANGAVALLI PHC	Mr.Rajesh Kumar	Tempo	BLS
31	TN20G3372	OMALUR GH	Mr.Manoj Kumar	Tempo	BLS
32	TN20G3069	OMALUR TOLL GATE	Mr.Manoj Kumar	Tempo	BLS
33	TN20G2016	PALPANNAI ESI HOSPITAL	Mr.Rajesh Kumar	Tempo	BLS
34	TN20G2553	PANAMARATHUPATTY BDO OFFICE	Mr.Rajesh Kumar	Tempo	BLS
35	TN20G2796	PETHANAYAKANPALAYAM PHC	Mr. Arun	Tempo	BLS
36	TN20G2985	RAMAN NAGAR	Mr.Manoj Kumar	Tempo	ALS
37	TN20G2475	SALEM GH	Mr.Rajesh Kumar	Tempo	ALS
38	TN20G2446	SALEM GH NEONATAL	Mr.Rajesh Kumar	Tempo	NLS
39	TN20G2077	SALEM MCH	Mr.Rajesh Kumar	Tempo	BLS
40	TN20G3057	SANGAGIRI POLICE STATION	Mr.Rajesh Kumar	Tempo	BLS
41	TN20G1998	SURAMANGALAM POLICE STATION	Mr.Rajesh Kumar	Tempo	BLS
42	TN20G3150	THALAIVASAL PHC	Mr. Arun	Tempo	BLS
43	TN20G2331	THAMMAMPATTI PHC	Mr. Arun	Tempo	BLS
44	TN20G2894	THARAMANGALAM PHC	Mr.Rajesh Kumar	Tempo	BLS
45	TN20G1864	THUMBAL PHC	Mr.Manoj Kumar	Tempo	BLS
46	TN20G3107	VAZHAPPADI PHC	Mr.Manoj Kumar	Tempo	BLS
47	TN20G2854	VEERAPANDI PHC	Mr.Rajesh Kumar	Tempo	BLS
48	TN20G2135	VELLAR PHC	Mr.Manoj Kumar	Tempo	BLS
49	TN20G3045	VERAGANUR PHC	Mr. Arun	Tempo	BLS
50	TN20G2642	YERCAUD POLICE STATION	Mr.Manoj Kumar	Tempo	BLS
51	TN20G1918	SPARE_BACK UP	Mr. Arun	Tempo	BLS
52	TN20G2126	SPARE_BACK UP	Mr.Manoj Kumar	Tempo	BLS



## **ABSTRACT**

Disaster Management - Grant of Financial Assistance to the Victims of Natural Calamities namely Cyclone, Flood, Drought, Earthquake, Fire, Tsunami and Hailstorm, Sea Erosion, Lightning, Thunder, Whirl Wind, Gale Wind & Pest attack in severe nature from the State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) - Revised Norms of Government of India - Adopted - Orders issued.

### **REVENUE AND DISASTER MANAGEMENT DEPARTMENT** **DISASTER MANAGEMENT WING, D.M.III (2) SECTION**

**G.O. (Ms).No. 579**

**Dated : 09.12.2023**

**சோபகிருது வருடம், கார்த்திகை 23**  
**திருவள்ளூர் ஆண்டு, 2054**

**Read:**

1. G.O.(Ms).No.380, Revenue [DM.III(2)] Department, dated 27.10.2015.
2. G.O.(Ms).No. 246, Revenue & Disaster Management Department, dated: 03.08.2017.
3. G.O.(Ms).No. 212, Revenue & Disaster Management Department, dated: 03.07.2019.
4. From the Ministry of Home Affairs, (Disaster Management Division), Government of India letter F.No.33-03/2020-NDM-I, dated 11.07.2023.
5. From the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner, Lr. No. NC I(1)/706/2022, dated 05.12.2022, 08.08.2023 and 14.11.2023.

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### **ORDER:**

In the Government order first read above, the Government have issued orders adopting the revised norms of Government of India which envisage granting of enhanced relief to the victims of natural calamities under State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) in the form of financial assistance for loss of lives, loss of limb or eyes, grievous injuries, loss of crops, loss of cattle, damages to the houses etc., to mitigate the suffering and loss caused.

2. Based on the norms of assistance under State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) communicated by the Government of India, Ministry of Home Affairs, the Government of Tamil Nadu have issued several Government orders

adopting the norms of financial assistance of Government of India from State Disaster Response Fund (SDRF) on various occasions.

3. In the letter fourth read above, the Government of India have revised norms of financial assistance from the State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) and stated that the revised list of items and norms for assistance from SDRF and NDRF will be effective from the financial year 2023-2024.

4. In the letter fifth read above, the Additional Chief Secretary/Commissioner of Revenue Administration & State Relief Commissioner has sent the approved list of items and norms of Assistance from State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) based on the report of Ministry of Home Affairs, Government of India and sought the approval of the Government for adopting the revised norms of Government of India for sanction of relief from the State Disaster Response Fund (SDRF) / National Disaster Response Fund (NDRF).

5. The Government after careful consideration, accept the recommendations of the Additional Chief Secretary/Commissioner of Revenue Administration & State Relief Commissioner and direct that the revised norms of Government of India or the existing State Government norms whichever are more beneficial be adopted. Accordingly, the revised consolidated scale of relief assistance under SDRF and NDRF effective from the Financial year 2023-2024 is annexed to this order.

**(By order of the Governor)**

**V. RAJARAMAN**  
**SECRETARY TO GOVERNMENT**

**To**

- The Additional Chief Secretary/  
Commissioner of Revenue Administration &  
State Relief Commissioner,  
Chepauk, Chennai-600 005.
- The Director, Disaster Management,  
Tamil Nadu Disaster Risk Reduction Agency,  
Chepauk, Chennai-600 005.
- The Joint Secretary,(DM Division)  
Ministry of Home Affairs, Government of India,  
New Delhi 110001.
- The Commissioner of Agriculture, Chennai-600 005.
- The Commissioner of Horticulture, Chennai-600 005.
- The Director of Animal Husbandry and Veterinary Services  
Chennai-600 006.
- The Commissioner of Fisheries, Chennai-600 006.
- The Director of Public Health & Preventive Medicine  
Kilpauk, Chennai-600 010.
- The Director of Medical Education, Chennai-600 010.
- The Director of Handloom, Chennai-600 008.
- The Director of Treasuries and Accounts, Chennai-600 015.
- The Accountant General (A & E), Chennai-600 018.
- The Pay and Accounts Officer (East), Chennai-600 009.
- The Resident Audit Officer, Secretariat, Chennai-600 009.

**Copy to:**

The Office of the Hon'ble Chief Minister, Chennai-9  
 All Departments of Secretariat, Chennai-9  
 All District Collectors  
 All Heads of Departments/Boards/Corporations  
 The Special Personal Assistant to Hon'ble Minister for  
 Revenue & DM, Chennai-9.  
 The Special Personal Assistant to Hon'ble Minister for  
 Agriculture & Farmers' Welfare, Chennai-9.  
 The Special Personal Assistant to Hon'ble Minister for  
 Finance & H.R.M, Chennai-9.  
 The Additional Chief Secretary,  
 Water Resources Department, Chennai-600 009.  
 The Additional Chief Secretary to Government,  
 Highways and Minor Ports Department, Chennai-600 009.  
 The Additional Chief Secretary to Government,  
 Health and Family Welfare Department,  
 Chennai-600 009.  
 The Principal Secretary to Government,  
 Home, Prohibition and Excise Department,  
 Chennai-600 009.  
 The Principal Secretary to Government,  
 Finance Department, Chennai-600 009.  
 The Principal Secretary,  
 Public Works Department, Chennai-600 009.  
 The Personal Assistant to Chief Secretary to Government,  
 Secretariat, Chennai-600 009  
 The Senior Principal Private Secretary to  
 Secretary to Government, Revenue and  
 Disaster Management Department, Chennai-600 009.  
 The Finance (Revenue/ BG-I) Department,  
 Chennai - 600 009.  
 The Revenue and Disaster Management (O.P.II, DM-I,II & DM-IV)  
 Department,  
 Chennai-600 009.  
 Stock File/Spare Copy.

// Forwarded by Order //

  
 Section Officer 09.12.2023

**ANNEXURE-I**

**Enclosure to G.O.(Ms) No.579, Revenue & D.M. [D.M.-III(2)] Department, Dated 09.12.2023**

**Revised List of Items and Norms of Assistance from State Disaster Response Fund (SDRF) and National Disaster Response Fund (NDRF)**  
**(From the financial year 2023-2024)**

<b>S. No.</b>	<b>Items</b>	<b>Norms of Assistance</b>
<b>1.</b>	<b>Gratuitous Relief</b>	
	<b>a) Ex-Gratia payment to families of deceased persons.</b>	<b>Rs.4.00 lakh</b> per deceased person, including those involved in relief operations or associated in preparedness activities, Subject to certification regarding cause of death from appropriate authority.
	<b>b) Ex-Gratia payment for loss of a limb or eye(s).</b>	<b>Rs.74,000/-</b> per person, when the disability is between 40% and 60%. <b>Rs.2.50 lakh</b> per person, when the disability is more than 60%. Subject to certification by a doctor from a hospital or dispensary of Government, regarding the extent and cause of disability.
	<b>c) Grievous injury requiring hospitalization</b>	<b>Rs.16,000/-</b> per person requiring hospitalization for more than a week. <b>Rs.5,400/-</b> per person requiring hospitalization for less than a week. <b>Note:</b> Injured persons getting treatment under the 'Ayushman Bharat' Yojna, will not be eligible for relief under this item.
	<b>d) Clothing and utensils/ household goods for families, whose houses have been washed away / fully damaged/ severely inundated for more than two days due to a natural calamity.</b>	<b>Rs.2,500/-</b> per family, for the loss of clothing. <b>Rs.2,500/-</b> per family, for loss of utensils/ household goods.
	<b>e) Gratuitous relief for families whose livelihood is seriously affected.</b>	Gratuitous Relief (GR) for families, whose livelihood is seriously affected will be provided to two adults members of the affected family as per actual rate of MNREGA per day or average rate of all States / UTs per day, whichever is lower. For this purpose, notification issued by Ministry of Rural Development from time to time, is to be referred for calculating average rate. The relief amount should be disbursed through DBT / cash (In case of exigency of the situation only) or the State Government may provide this relief in kind. State Govt. will certify that identified beneficiaries are not housed in relief camps, during the period GR is provide the basis and process for arriving at such beneficiaries district-wise. Period for providing gratuitous relief will be as per

		assessment of the State Executive Committee (SEC) and the Central Team (in case of NDRF). The default period of assistance will be upto to 30 days, which may be extended upto 60 days in the first instance, if required, and subsequently upto 90 days in case of drought/ pest attack. Depending on the ground situation, the State Executive Committee can extend the time period beyond the prescribed limit. Provided that expenditure on this account in no case, should exceed 30% of SDRF allocation under this window (Response & Relief) for the year. However, in case of drought, in no case, should exceed 50% of SDRF allocation under this window (Response & Relief) for the year. Further, to ensure transparency, the list of persons to whom Gratuitous Relief is provided, should be uploaded on the website of the State Government. The State Government shall notify the basis and proof for the identification of beneficiaries in a transparent manner.
<b>2.</b>	<b>Search &amp; Rescue Operations</b>	
	<b>a)</b> Cost of search and rescue measures/ evacuation of people affected/ likely to be affected	As per the actual cost incurred, assessed by SEC and recommended by the Central Team (in case of NDRF). By the time the Central Team visits the affected area, these activities may be already over. Therefore, the SEC and the Central Team can recommend actual / near-actual costs.
	<b>b)</b> Hiring of boats/essential equipments for carrying immediate relief and saving lives.	As per actual cost incurred, assessed by SEC and recommended by the Central Team (in case of NDRF). The quantum of assistance will be limited to the actual expenditure incurred on hiring boats and other essential equipment required for rescuing stranded people and thereby saving human lives during a notified natural calamity.
<b>3.</b>	<b>Relief Measures</b>	
	<b>a)</b> Provision for temporary accommodation, food, clothing, medical care, Gen-set etc. for people affected/ evacuated and sheltered in relief camps.	A package of 10 KG rice, one saree and one dhoti, one litre of kerosene and <b>Rs.1,000/-</b> to the families evacuated from their houses and moved to shelters. As per actual cost incurred, and assessed by SEC and recommendation by the Central Team (in case of NDRF), for a period upto 30 days. The SEC would need to specify the number of camps, their duration and the number of persons in camps. In case of continuation of a calamity like drought, or widespread devastation caused by earthquake or flood etc., this period may be extended to 60 days. Depending on the ground situation, the State Executive Committee can extend the time period beyond the prescribed limit. Provided that expenditure on this account, in no cases, should exceed 30% of SDRF allocation under this window (Response & Relief) for the year. Medical care to be provided from National Health Mission (NHM).
	<b>b)</b> Air dropping of essential supplies and rescue by Air Force	As per actual cost incurred, assessed by SEC and recommendation by the Central Team (in case of NDRF). The quantum of assistance will be limited to actual amount raised in the bills by the Ministry of Defence for airdropping of essential supplies and rescue operations only.



	<b>c) Provision of emergency supply of drinking water.</b>	As per actual cost, based on assessment of need by SEC and recommended by the Central Team (in case of NDRF. up to 30 days, which may be extended upto 90 days in case of drought. Depending on the ground situation, the State Executive Committee can extend the time period beyond the prescribed limit. Provide that expenditure on this account, in no case, should exceed 30% of SDRF allocation under this window (Response & Relief) for the year.
<b>4.</b>	<b>Clearance of Affected Areas</b>	
	<b>a) Clearance of debris in public areas.</b>	As per actual cost, for a period upto 30 days from the date of start of the work, based on assessment of need by SEC for the assistance to be provided under SDRF and as per the assessment of the Central team for assistance to be provided under NDRF.
	<b>b) Draining off flood water in affected areas</b>	As per actual cost within 30 days from the date of start of the work based on assessment of need by SEC for the assistance to be provided under SDRF and as per assessment of the Central team (in case of NDRF).
	<b>c) Disposal of dead bodies/ Carcasses</b>	As per actual cost, based on assessment of need by SEC and recommendation of the Central Team (in case of NDRF).
<b>5.</b>	<b>Agriculture</b>	
<b>(i)</b>	<b>(i) Assistance to Small and Marginal Farmers having Landholding Upto 2 Hectares</b>	
<b>A.</b>	<b>Assistance For Land and other Loss</b>	
	<b>a) De-silting of agricultural land (where thickness of sand/ silt deposit is more than 3", to be certified by the competent authority of the State Government.)</b>	<b>Rs.18,000/-</b> per hectare for each item. Above is subject to a minimum assistance of not less than <b>Rs.2,200/-</b> per farmer. (subject to the condition that no other assistance/ subsidy has been availed of by/ is eligible to the beneficiary under any other Government Scheme)
	<b>b) Removal of debris on agricultural land in hilly areas</b>	
	<b>c) De-silting/ Restoration/ Repair of fish farms</b>	
	<b>d) Loss of substantial portion of land caused by landslide, avalanche, change of course of rivers</b>	<b>Rs.47,000/-</b> per hectare to only those small and marginal farmers whose ownership of the land is legitimate as per the revenue records. Above is subject to a minimum assistance of not less than <b>Rs.5000/-</b> per farmer.
<b>B.</b>	<b>Input subsidy (where crop loss is 33% and above)</b>	
	<b>a) For agriculture crops, horticulture crops and annual plantation crops</b>	<b>Rs.8500/-</b> per hectare for crops other than paddy in rainfed areas subject to a minimum assistance of not less than <b>Rs.1,000/-</b> per farmer and restricted to sown areas.  <b>Rs.17,000/-</b> per ha. for crops in assured irrigated areas subject to a minimum assistance of not less than <b>Rs.2,000/-</b> per farmer and restricted to sown areas.

	<b>b) Perennial crops/ Agro forestry (Plantation in own farmland)</b>	<b>Rs.22,500/-</b> ha. for all types of perennial crops / Agro forestry (Plantation in own farmland), subject to a minimum assistance of not less than <b>Rs.2,500/-</b> per farmer and restricted to sown areas.
	<b>c) Sericulture</b>	<b>Rs.7,410/-</b> per ha. for Eri, Mulberry, Tussar  <b>Rs.7,500/-</b> per ha. for Muga. Above is subject to a minimum assistance of not less than <b>Rs.1,000/-</b> per farmer and restricted to sown areas.
	<b>d) Paddy</b>	<b>Rs.17,000/-</b> per ha. subject to a minimum assistance of not less than <b>Rs.2,000/-</b> and restricted to sown areas.
<b>(ii)</b>	<b>Input subsidy to farmers having more than 2 Ha. of landholding</b>	<b>Rs.8,500/-</b> per ha. other than paddy in rainfed areas and restricted to sown areas.  <b>Rs.17,000/-</b> per ha. for crops in assured irrigated areas and restricted to sown areas.  <b>Rs.17,000/-</b> per ha. for Paddy crop and restricted to sown areas.  <b>Rs.22,500/-</b> ha. for all types of perennial crops / Agro forestry (Plantation in own farmland) and restricted to sown areas.  Assistance may be provided where crop loss is 33% and above, subject to a ceiling of 2 ha. per farmer.
<b>6.</b>	<b>Animal Husbandry - Assistance to Small and Marginal Farmers and Landless Livestock Owners</b>	
	<b>i) Assistance for the loss of milch animals, draught animals or animals used for haulage.</b>	<b>Milch animals</b> <b>Rs.37,500/-</b> Buffalo/cow/camel/yak/ Mithun etc.  <b>Rs.4,000/-</b> Sheep/ Goat/ Pig <b>Draught animals</b> <b>Rs.32,000/-</b> Camel/ horse/ bullock, etc. <b>Rs.20,000/-</b> Calf/ Donkey/ Pony/ Mule/Heifers <b>Poultry:-</b> Poultry @ <b>100/-</b> per bird.  <b>Note:</b> Relief under these norms is not eligible if the assistance is available from any other Government Scheme, e.g. loss of birds due to Avian Influenza or any other diseases for which the Department of Animal Husbandry has a separate scheme for compensating the poultry owners.
	<b>ii) Provision of fodder / feed concentrate including water supply and medicines in cattle camps.</b>	Large animals- <b>Rs.80/-</b> per day. Small animals- <b>Rs.45/-</b> per day.  Period for providing relief will be as per assessment of the State Executive Committee (SEC) and the Central Team (in

		<p>case of NDRF). The default period for assistance will be for the period of calamity upto 30 days, which may be extended upto 60 days in the first instance and in case of severe drought upto 90 days. Depending on the ground situation, the State Executive Committee can extend the time period beyond the prescribed limit. Provide that expenditure on this account, in no case, should exceed 30% of SDRF allocation under this window (Response &amp; Relief) for the year.</p> <p>Based on assessment of need by SEC and recommendation of the Central Team, (in case of NDRF) consistent with estimates of cattle as per Livestock Census and subject to the certificate by the competent authority about the requirement of medicine and vaccine being calamity related.</p>
	(iii) Transport of fodder to cattle outside cattle camp	As per actual cost of transport during notified calamity based on assessment of need by State Executive Committee and recommendation of the Central team (in case of NDRF) consistent with estimates of cattle as per Livestock Census.
<b>7.</b>	<b>Fishery</b>	
	<p>i) Assistance to Fisherman for repair / replacement of non-mechanized boats and damaged/lost nets (This Assistance will not be provided if the beneficiary is eligible or has availed of any subsidy/assistance, for the instant calamity under any other Government Scheme).</p>	<p>i) Replacement of fully damaged/lost wooden catamaran – <b>Rs.50,000/-</b> per unit (inclusive of net)</p> <p>ii) Repair/rebuilding of partially damaged Catamaran <b>Rs.15,000/-</b> per unit</p> <p>iii) Replacement of fully damaged /lost wooden /FRP Vallam (35% to 50% assistance of the total cost subject to maximum subsidy of <b>Rs. 1 lakh</b>) calculated at a unit cost of <b>Rs.2.00 lakh</b> (inclusive of engine and net)</p> <p>iv) Partially damaged FRP Vallam <b>Rs.30,000/-</b> per unit</p> <p>v) Replacement of fully damaged /lost mechanised fishing boats (35% of the total cost, restricted to a maximum subsidy of <b>Rs.7.5 lakh</b> per boat)</p> <p>vi) Repairs of partially damaged mechanised fishing boats (60% of the assessed value of the damages restricted to a maximum subsidy of <b>Rs.4 lakh</b> per boat)</p> <p>vii) <b>Rs.15,000/-</b> for replacement of fully damaged net</p> <p>viii) Repair of OBM/IBE Engines – <b>Rs.7500/-</b> per engine.</p>
	ii) Input subsidy for fish seed farm to Small and Marginal Farmers	<p><b>Rs.10,000/-</b> per hectare. (This assistance will not be provided if the beneficiary is eligible or has availed of any subsidy/ assistance, for the instant calamity, under any other Government Scheme, except the one time subsidy provided under the Scheme of Ministry of Fisheries, Animal Husbandry &amp; Dairying.)</p>
<b>8.</b>	<b>Handicrafts/Handloom Assistance to Artisans</b>	
	i) For replacement of damaged main functional tools / equipments	<b>Rs.5,000/-</b> per artisan for equipment. subject to certification by the competent authority designated by the Government about damage and its replacement.

	ii) For loss of raw material / goods in process / finished goods	Rs.5,000/- per artisan for raw material. subject to certification by the competent authority designated by the Government about damage and its replacement
<b>9.</b>	<b>Locust Control</b>	
	Hiring of vehicles, tractors, with spray equipments for spraying of plant protection chemicals for pest control, hiring of water tankers and purchase of plant protection chemicals for locust control.	As per the actual cost, based on the assessment of need by the SEC and recommended by the Central Team (in case of NDRF). The quantum of assistance will be limited to the actual expenditure incurred on hiring vehicles, tractors with spray equipments for spraying of plant protection chemicals for locust attack. However, expenditure on this account, in no cases, should exceed 30% of SDRF allocation under this window (Response & Relief) for the year.
<b>10.</b>	<b>Housing</b>	
	a) Fully damaged/destroyed houses and severely damaged houses	
	i) Pucca house	Rs. 1,20,000/- per house, in plain areas.
	ii) Kutcha House	Rs. 1,30,000/- per house, in hilly areas.
	b) Partially Damaged Houses (Other than huts) where the damage is at least 15%	
	i) Pucca house	Rs.6500/- per house
	ii) Kutcha House	Rs.4000/- per house
	c) Damaged / destroyed huts	Rs. 8,000/- per hut 10.Kg rice for each case of damaged huts (Hut means temporary, make shift unit, inferior to Kutcha house, made of thatch, mud, plastic sheets etc. traditionally recognized as hut by the State/ District authorities.)
	d) Cattle shed attached with house	Rs.3,000/- per shed.
<b>11.</b>	<b>Infrastructure</b> [Repair/restoration(of immediate nature) of damaged infrastructure]	
	(1) Roads & bridges, which may include the following activities: i) Filling up of breaches and potholes, use of pipe for creating waterways, repair and stone pitching of embankments. ii) Repair of breached culverts. iii) Providing diversions to damaged / washed out portions	<b>Assessment of requirements:</b> Based on assessment of need, as per States' notified schedule of rates for repairs by SEC and recommendation of the Central Team (in case of NDRF). In case of repair of roads, assistance will be given based on the notified Ordinary Repair (OR) and Periodical Renewal (PR) of the State. In case OR & PR is not available, then assistance will be provided as per rate prescribed in this item. However, in any case, the assistance will be provided at the rate whichever is lower. Prescribed rate are as under:- Repairs of State Highways, Major District Roads (MDR)

<p>of bridges to restore immediate connectivity.</p> <p><b>iv)</b> Temporary repair of approaches to bridges / embankments of bridges, repair of damaged railing bridges, repair of causeways to restore immediate connectivity, granular sub base, over damaged stretch of roads to restore traffic.</p>	<p>In normal areas -- @ Rs.1.0 lakh / km;          In hilly areas -- @ Rs.1.25 lakh / km;          Repairs of Rural / village Roads with culverts          In normal areas -- @ Rs.60,000/- km;          In hilly areas -- @ Rs.75,000/-km;          Repairs of RCC Culverts/ Bridges          In normal areas -- @ <b>Rs.60,000/-</b> per culvert;          In hilly areas -- @ <b>Rs.75,000/-</b> culvert;</p>
<p><b>(2) Drinking Water Supply Schemes</b>, which may include the following activities:-</p> <p><b>i)</b> Repair of damaged platforms of hand pumps / ring wells / spring-tapped chambers / public stand posts, cisterns.</p> <p><b>ii)</b> Restoration of damaged stand posts including replacement of damaged pipe lengths with new pipe lengths, cleaning of clear water reservoir (to make it leak proof)</p> <p><b>iii)</b> Repair of damaged pumping machines, leaking overhead reservoirs and water pumps including damaged intake-outtake structure, approach gantries / jetties.</p>	<p>Damaged drinking water supply schemes will be eligible for assistance as per actual, subject to a ceiling of <b>Rs.2.00 lakh</b> per damaged scheme.</p> <p>Cleaning of Community drinking water wells as per actual, subject to a ceiling of <b>Rs.10,000/-</b> per Well.</p>
<p><b>(3) Minor Irrigation Schemes</b>, which may include the following activities:</p> <p><b>i)</b> Immediate repair of damaged canal structures and earthen / masonry works of tanks and small reservoirs with the use of cement, sand bags and stones.</p> <p><b>ii)</b> Repairs of weak areas such as piping or rat holes in dam walls / embankments.</p> <p><b>iii)</b> Removal of vegetative material / building material / debris from canal and drainage system.</p> <p><b>iv)</b> Repair or embankments of minor irrigation projects.</p>	<p>In case of repairs of minor irrigation works, assistance will be given as per the schedule of rates (SOR) for repairs notified by the concerned State.</p> <p>In case SOR is not available, assistance for irrigation scheme / canal will be provided as per actuals, subject to the ceiling of <b>Rs.2.00 lakh</b> per damaged minor scheme.</p> <p>Note: However, in any case, the assistance will be provided at the rate whichever is lower.</p> <p>Assistance for restoration of damaged embankment of minor irrigation projects will be at par with the case of similar rural roads, subject to the stipulation that no duplication would be done with any ongoing schemes.</p>

	<p><b>(4)Power</b> (only limited to immediate restoration of electricity supply in the affected areas): Damaged Poles / conductors and transformers upto 11 kv.</p>	<p>Regarding repair of damaged power sector, assistance will be given for the damaged conductors, poles and transformers upto the level of 11 KV and LT lines with bare conductor, as per details hereunder:</p> <p>The rate of assistance will be:  <b>Rs.5000/-</b> pole;  <b>Rs.0.50 lakh</b> per km for repairing of damaged LT lines;  <b>Rs.1.00 lakh</b> for replacement of one damaged distribution transformer.</p> <p>(Note: The above assistance will not be applicable for those items which can be reused)</p>
	<p><b>(5)Schools</b> Repairs of damaged schools building</p>	As per actual, subject to a ceiling of <b>Rs.2.00 lakh</b> per school.
	<p><b>6)Primary / Community Health Centres</b> Repair of Primary / Community Health Centres</p>	As per actual, subject to a ceiling of <b>Rs.2.00 lakh</b> per unit.
	<p><b>(7)Community Assets Owned by Panchayat</b> Temporary repair of Mahila Mandal, Yuva Kendra, Panchayat Ghar, Community Hall, Anganwadi, etc.,</p>	As per actual subject to a ceiling of <b>Rs.2.50 lakh</b> per unit.
<b>12.</b>	Procurement of essential search, rescue and evacuation equipments including communication equipments, etc. for response to disaster.	Expenditure from the preparedness and capacity building window will be governed by the Guidelines issued separately by the Ministry of Home Affairs for the Preparedness & Capacity Building window of SDRF / NDRF. <b>(Guidelines for Preparedness and Capacity Building enclosed as Annexure III)</b>
<b>13.</b>	Capacity building.	
<b>D.</b>	<b>State Specific Disasters</b>	
	<p>State specific disasters within the local context in the State, which are not included in the notified list of disasters eligible for assistance from SDRF/ NDRF, can be met from SDRF within the limit of 10% of the annual funds allocation of respective window of the SDRF.</p>	<p>Expenditure is to be incurred from SDRF only (and not from NDRF), as assessed by the State Executive Committee (SEC). The norm for various items will be the same as applicable to other notified natural disasters, as listed above. or In these cases, the scale of relief assistance against each item for 'local disaster' shall not exceed the norms of SDRF.</p> <p>The flexibility is to be applicable only after the State has formally listed the disasters for inclusion and notified transparent norms and guidelines with a clear procedure for identification of the beneficiaries for disaster relief for such local disasters with the approval of SEC (provision of relief assistance to local disasters to be sanctioned as per norms and guidelines notified by GoTN).</p>

	<p>(Sea Erosion, Lightening, thunder, whirl wind, gale wind &amp; Pest Attack in severe nature have been notified as State Specific disasters vide <b>G.O.Ms.No.246, R&amp;DM Dept, dated 03.08.2017 &amp; G.O.Ms.No.212, R&amp;DM Dept, dated 03.07.2019</b> and the norms of assistance have also been issued.</p> <p>As per the revised norms of assistance of Government of India 2023, the norms for various items will be the same for specific disasters as applicable to other notified natural disasters and the scale of relief assistance against each item for 'local disaster' shall not exceed the norms of SDRF. Hence, the norms of assistance for natural disasters may be adopted for specific disasters also as notified by GoI. )</p>
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**V. RAJARAMAN**  
**SECRETARY TO GOVERNMENT**

//True Copy//

*(Signature)*  
**SECTION OFFICER**  
 9.12.2023

**ANNEXURE -II****Items Not Covered Under SDRF/NDRF**

- a) Colleges and other educational institutions buildings
- b) Major / medium Irrigation Schemes
- c) Flood control and anti Erosion Protection work
- d) Hydro Power Project / HT Distribution systems/ Transformers and sub stations
- e) High Tension Lines (above 11 kv)
- f) State Govt. Buildings viz., departmental / office building, departmental/ residential quarters, religions structures, patwarkhana, Court premises, play ground, forest bungalow property and animal / bird sanctuary etc.,
- g) Long term / permanent restoration work
- h) Procurement of equipments / machineries under NDRF
- i) National Highways
- j) Sectors such as Telecommunication and Power (except immediate restoration of power supply), which generate their own revenues, and also undertake immediate repair / restoration works from their own funds / resources, are excluded.

**V. RAJARAMAN**  
**SECRETARY TO GOVERNMENT**

**//True Copy//**

  
**SECTION OFFICER** 9.12.2023



### ANNEXURE – III

#### **Guidelines on Constitution and Administration of Preparedness and Capacity Building Funding Window under National Disaster Response Fund (NDRF) and State Disaster Response Fund (SDRF)**

##### **Introduction: -**

1. The Fifteenth Finance Commission (XV-FC) while recommending Disaster Management Grants has inter-alia allocated 10% of the State Disaster Risk Management Fund (SDRMF) and the National Disaster Risk Management Fund (NDRMF) for Preparedness & Capacity Building (P&CB) Sub-window to support the critical institutional, functional and technological components of the disaster management system. XV-FC has further recommended that a separate set of guidelines be developed for Preparedness & Capacity Building (P&CB) funding window.

2. Therefore, in pursuance to the recommendations of XV-FC, following guidelines are hereunder issued under Sections 46(2), 48(1)(a) and Section 62 of the Disaster Management Act, 2005 for the operationalisation of the P&CB grants under the State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF). These guidelines will be operative for the award period starting from the financial year 2021-22 to 2025-26.

##### **Preparedness and Capacity Building Measures:**

3. The Disaster Management (DM) Act, 2005 empowers the National, State and District Disaster Management Authorities to take measures for the prevention of disasters, or the mitigation, or preparedness and capacity building for dealing with the threatening disaster situation or disasters.

4. As per Section 2 (m) of the Disaster Management (DM) Act, 2005, preparedness is the "state of readiness to deal with a threatening disaster situation or disaster and the effects thereof."

5. Further, as per Section 2 (b) of the DM Act, 2005, Capacity Building includes-

- Identification of existing resources and resources to be acquired or created;
- Acquiring or creating resources identified under above sub-clause;
- Organization and training of personnel and coordination of such training for effective management of disasters.

##### **Resource Allocation and Earmarking of funds from NDRF / SDRF**

6. Under NDRF:- As recommended by the XV-FC, the aggregate size of the P&CB funding window for the award period commencing from 2021-22 to 2025-26 would be Rs. 6,846 crore. Out of this amount, Rs. 5000 crore is earmarked for 'Expansion and Modernization of Fire Services'. Year-wise allocation from P&CB funding window is as under:

<b>Yearwise Allocation</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>	<b>Total for the award period 2021-22 to 2025-26 (Rs in crore)</b>
Amount (Rs in crore)	1,239	1,301	1,366	1,434	11506	6,846

7. Under SDRF:- The aggregate size of the P&CB funding window commencing from 2021-2022 to 2025-2026 would be Rs.16,014 crore as recommended by the XV Finance Commission.

Year wise allocation from P&CB funding window is as under :

<b>Year wise Allocation</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>	<b>Total for the award period 2021-22 to 2025-26 (Rs in crore)</b>
Amount (Rs in crore)	2,898	3,043	3,196	3,355	3,523	16,015 (10% of yearwise allocation of both Union and State Share of SDRMF taken together)

8. NDRF would receive 80 per cent of the total NDRMF. Within the NDRF, there would be three sub-allocations (i) Response and Relief (40 per cent), (ii) Recovery and Reconstruction (30 per cent) and (iii) Preparedness and Capacity Building (10 per cent). While the funding windows of NDRF and NDMF are not inter-changeable, there could be flexibility for re-allocation within the three sub-windows of NDRF for that financial year subject to the condition that earmarked allocation shall not exceed 10 per cent of the amount earmarked for the sub-window.

9. The SDRF would receive 80 per cent of total SDRMF. Within the SDRF there would be three sub-allocations (i) Response and Relief (40 per cent), (ii) Recovery and Reconstruction (30 per cent) and Preparedness and Capacity Building (10 per cent). While the funding windows of SDRF and SDMF are not inter-changeable, there could be flexibility for re-allocation within the three sub-windows of SDRF for that financial year

10. The funds for earmarked allocations for 'Expansion and Modernization of Fire Services' will be provided to the State Governments in the next five years (2021-2026). There shall be no spill-over for the liabilities committed for any of the projects sanctioned against earmarked allocation beyond the award period (2021-2026) of the XV-FC.

### **Scope of Preparedness and Capacity Building Funding Window under NDRF / SDRF :-**

11.1 As recommended by XV-FC:-

- At Central level, this funding window is made available within the NDRF which will largely be used to support national agencies. However, State Government may also seek assistance, if the State Government concerned, has insufficient fund available under P&CB window of SDRF,
- At State level, P&CB funding window is meant to support preparedness and capacity building of State Disaster Management Authorities (SDMAs), State Institutes of Disaster Management (SIDM), training and capacity-building activities, and emergency response facilities. State Governments would not use these resources for personnel support.

11.2 In the light of the recommendations made by XV-FC and the provisions contained in the DM Act, 2005, the P&CB funding window shall support and provide funds to the following type of projects from NDRF / SDRF:-

#### **(i) NDRF:-**

##### **Category - A**

Projects / Proposals of the following types to be implemented by the Central Ministries / National Agencies / Institutes / Entities:

- (a) Projects aimed at preparedness for hazards which are to be implemented in an area, which cuts across more than one State,
- (b) Projects aimed at setting up / strengthening national level "Early Warning Systems" or promote disaster awareness through intervention of updated technologies or otherwise including strengthening of "Emergency Operations Centres" and preparedness and response mechanisms across the States,
- (c) Projects aimed at preparedness and capacity building including hazard specific if front-line disaster mitigation / response forces, frontline workers and Government functionaries at various levels in the disaster management.

##### **Category B**

Under this category, projects / proposal of the following type shall be considered for funding from P&CB funding window of NDRF:-

- (a) Projects of the State Government(s) related to hazard preparedness, disaster awareness, early warning systems, emergency operations centres, training and capacity building. However, the projects for funding from P&CB funding window of NDRF will be considered only if the State Government concerned has exhausted the funds available under P&CB window of SDRF or the proposed project cost is more than the available balance in the P&CB window of SDRF,
- (b) Projects for 'Expansion and Modernization of Fire Services' including setting up of new fire stations / upgradation of existing fire stations and procurement of fire-fighting and rescue vehicles and equipment.

**(ii) SDRF:**

- (a) Projects aimed at preparedness for a specific-hazard which is to be implemented within a State,
- (b) Projects aimed at promoting disaster awareness in the disaster-prone areas of the State through intervention of updated technologies or otherwise preparedness and response mechanisms within the State,
- (c) Projects aimed for preparedness and capacity building including hazard-specific training of front-line disaster mitigation / response forces / local body members / selected volunteers.

11.3 There shall be no State share in the Projects / Proposals covered under Category A above. For all Projects / Proposals under Category B above for which assistance is sought by any State Government from P&CB funding window, as recommended in XV-FC, the concerned State Government shall contribute 10% in case of projects upto Rs. 250 Crore, 20 per cent in case of projects above Rs. 250 Crore and upto Rs. 500 Crore and 25 per cent in case of projects exceeding Rs. 500 Crore. However, for the projects / proposals under the earmarked allocation of 'Expansion and Modernization of Fire Services' through the P & CB Funding Window, State Governments shall contribute 10 per cent of the total cost of such projects / proposals.

**12. Exclusions for utilization of P&CB funding window. of NDRF / SDRF**

- (i) Resources under P&CB funding window cannot be used towards establishment expenditure such as salaries, office expenditure, etc. to be incurred by the Disaster Management Authorities or other entities except for payment of remuneration to technical staff included in the project costs. Such payments will be as per the General Financial Rules, 2017 and the extant Government of India guidelines,
- (ii) Resources under P&CB funding window shall not be used for outsourcing the routine and regular activities of the national agencies / State Governments to any consultancy firm including any international agency,
- (iii) P&CB funding window shall not be used to support construction-based projects and procurement of large / heavy equipment, except setting up of new fire stations / upgradation of existing fire stations and procurement of fire-fighting and rescue vehicles and equipment as envisaged under Category (B) (b) of para 6.2 (i) above. Further, this funding window shall also not be used for maintenance and upkeep of any structure or engineering measure aimed at mitigation,
- (iv) P&CB funding window shall not be used as a source of funding for existing government programmes / ongoing schemes etc. which are under implementation,
- (v) P&CB funding window must have a predominant focus on multi-hazard preparedness and capacity development and should not be used for general environmental improvement, plantations, afforestation or landscape beautification without a clear, logical and direct linkage to hazards.

(vi) All preparedness and capacity building activities would need to be undertaken and completed within the time-frame as specified in the approved proposal. Cost and time-frame for such proposals should ideally not be revised barring, some exceptional circumstances.

### 13. Technical Guidelines

Projects to be undertaken from NDRF / SDRF must have verifiable and measurable outcomes. NDMA will advise implementing authorities in the projects launched / being implemented under the preparedness and capacity building window including prescribing specific format for seeking information / project proposals etc. In addition, for the guidance of Implementing Partners / State Governments etc. for the wide range of activities within the broad framework of preparedness and capacity building, NDMA will also issue technical guidelines separately, with the concurrence of MHA. Further, detailed procedures for project execution will continue to be issued by NDMA from time to time in consultation with MHA.

### 14. Implementing Partners

Following agencies / entities may act as Implementing Partners for Preparedness and Capacity Building funding window:

#### For NDRF:

- i) National Disaster Management Authority (NDMA) and National Institute of Disaster Management (NIDM).
- ii) First Responder Organizations within the Central Government such as National Disaster Response Force.
- iii) Ministries / Departments / National Agencies within the Central Government for preparedness & capacity building activities and execution of projects in the States.
- iv) Central Research and Academic institutions in Disaster Management through the National Agencies including NDMA, NIDM and NDRF.
- v) Government supported Organizations e.g. Bharat Scouts & Guides, National Cadet Corps (NCC), National Social Service (NSS) and National Yuva Kendra Sangathan (NYKS) through National Agencies including NDMA, NIDM and NDRF.

#### For SDRF:

- i) State Disaster Management Authorities (SDMAs).
- ii) District Disaster Management Authorities (DDMAs).
- iii) First Responder Organizations within the State Governments such as State Disaster Response Force, Fire Services and Civil Defence.
- iv) Ministries/ Departments /Institutions within the State Government for preparedness & capacity building activities.
- v) State Research and Academic institutions in Disaster Management through State Agencies like SDMA and SIDM.

vi) State Government supported Organizations e.g. Bharat Scouts & Guides, NCC NSS & NYKS through State Agencies like SDMA and SIDM.

vii) Urban Local Governments/ Zilla Parishad / Gram Panchayats.

**Administrative Mechanism for processing of funding proposals Under NDRF:-**

15. NDMA will constitute an Appraisal Committee headed by a member of NDMA with representatives from the line-Departments, State Government concerned and subject matter experts (if required) for appraisal of proposals received from national agencies/entities, Central Ministries and State Governments.

16. Projects/proposals submitted by the State Government for funding under PACB funding window of NDRF should be approved by the State Executive Committee (SEC).

17. State Government(s), Central Ministries, and National Agencies/Entities shall submit the projects for which central assistance from the P&CB funding window of NDRF is sought to Ministry of Home Affairs. MHA will forward the same to the Appraisal Committee constituted under the Chairmanship of Member, NDMA for appraisal/evaluation of the proposed project.

18. The Appraisal Committee will make its recommendations to the MHA for placing the same before the Sub-Committee of the National Executive Committee (SC- NEC) for consideration. SC-NEC will have the power to approve proposals up to Rs. 100 Crore.

19. Proposals above Rs. 100 Crores will be placed before High Level Committee (HLC) along with the recommendations of SC-NEC. The HLC will approve the proposals for undertaking Preparedness and Capacity Building activities.

**Under SDRF:-**

20. SDMA will constitute a committee to be headed by a member of SDMA with members from line Departments of the State Government and State agencies/entities for appraisal/evaluation of the proposals / projects under P&CB funding window of SDRF/NDRF.

21. The Departments of the State Government and the agencies/institutes who wish to take up projects from P&CB funding window of SDRF will submit the projects to the State Government Department dealing with Disaster Management which in turn will refer the project to the committee headed by a member of SDMA as mentioned above.

22. The recommendations of the committee shall be placed before the SEC for consideration and the procedure in place for incurring expenditure from SDRF shall continue to apply mutatis-mutandis for P&CB funding window of SDRF/NDRF including all modalities.

23. SEC constituted by the State Government under the provisions of the DM Act, 2005, shall decide on all matters connected with the administration of P&CB funding window of SDRF.

### **Release of funds**

24. Upon the approval of SC-NEC / HLC, Department of Expenditure, Ministry of Finance will release assistance from P&CB funding window of NDRF to the concerned State Governments based on the recommendations of the MHA.

25. For the projects covered under Category 'A', of NDRF; upon the approval of SC- NEC / HLC, and based on the recommendations of MHA, Department of Expenditure, Ministry of Finance will issue a Letter of Authorization (LOA) to the MHA or National Agencies (NDMA/NIDM/NDRF), as the case may be, so as to enable them to provide funds to the implementing agencies of approved projects.

26. Upon sanctioned by SEC, funds will be released to the States from PaCB Funding window under SDRF. Procedure as in vogue in the State for the release of funds under SDRF shall apply for preparedness and capacity building funding window.

### **Supervision of Projects**

27. NDMA / SDMA need to identify specific disasters and evaluate preparedness for the same, prepare plans for the deficiencies observed either in preparedness or capacity building/ training so that disasters can be responded effectively. Such plans need to specify measures required to be taken to strengthen the capability / capacity of first responders to hazard specific disasters.

28. NDMA shall supervise and monitor the implementation of the preparedness and capacity building projects and in this process can seek progress / performance reports from the Implementing Partners. NDMA shall submit progress report to MHA and Department of Expenditure. In case of any shortfall in the progress of the preparedness and capacity building project, NDMA may take special measures, if required, for smooth and timely implementation of the project.

29. SDMA shall assist and provide technical advice to the State Government / Line Ministries / Departments from conceptualization to completion of the preparedness and capacity building proposals under SDRF.

30. SDMA shall supervise and monitor the Preparedness and capacity building projects/works and submit completion certificate as well as actual benefits achieved from it including population benefitted/ nature of risks reduced/impact analysis etc. to State Government and NDMA.

### **Disbursements**

31. After the project is approved, the funds would be disbursed in the installments as specified in the proposal. The disbursement of funds would be linked to the deliverables and Utilization Certificates. The unspent balance in the preparedness and capacity building funding window under SDRF account as at the end of a financial year 2021-22 shall be the opening balance of said account of the successive financial year. The Central Government will communicate the modalities for handling any balances available at the end of 2025-26 in P&CB funding window under SDRF of the State.

### **Procurement**

32. All the procurements made by government agencies for implementing the proposal would be in accordance with the General Financial Rules (GFR) and from GeM portal, as applicable. The implementing agencies would ensure that the project is implemented in a fair and transparent manner. In the entire implementation process, the DMAs need to ensure that there is no conflict of interest. Appropriate GFR will be followed by States and Government supported Organizations.

### **Project Database**

33. A disaster database should be developed to help assess the impact of expenditures on different aspects of disaster management. All the project-related processes would be digitized. NDMA will maintain a national portal of all the preparedness and capacity-building projects that have been implemented through the NDRF / SDRF. This portal will contain a specific component for capacity building plans. NDMA will also monitor the database by holding periodic review.

### **Release, Accounting and other procedures**

34. The detailed funding pattern, release of funds, investment of funds, accounting & auditing procedures, progress monitoring, savings and cost of maintenance / implementation etc. in respect of the projects initiated under P&CB Funding Window would be same, as envisaged in the primary guidelines issued by MHA on NDRF / SDRF for such purposes. The composition of HLC and SC-NEC will also be same as envisaged in the primary guidelines issued by MHA for NDRF / SDRF.

### **Interpretation and Amendment**

35. In case of any difficulty in interpretation of any of these guidelines, the matter shall be referred to the Disaster Management Division, MHA whose decision in consultation with Department of Expenditure shall be final. Any amendment in this guideline will be issued by MHA in consultation with Department of Expenditure, Ministry of Finance.

**V. RAJARAMAN**  
**SECRETARY TO GOVERNMENT**

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SECTION OFFICER



**ANNEXURE – IV****GENERAL**

- (i) Ex-Gratia payment of Rs.50,000/- per deceased person, to next of kin of the deceased person, including those involved in the relief operations or associated in the preparedness activities, subject to the cause of death being certified as COVID – 19, as per the guidelines jointly issued by the Ministry of Health and Family Welfare and the Indian Council of Medical Research on 3rd September, 2021, will be given as per guidelines on minimum relief issued by the National Disaster Management Authority (NDMA) dated 11.09.2021. This ex-gratia assistance will be applicable from the date of first COVID-19 case reported in the country and will continue till de-notification of COVID-19 as a disaster or till further orders, whichever is earlier, to next of kin of the deceased due to COVID-19.
- (ii) The State Government are to take utmost care and ensure that all individual beneficiary – oriented assistance is necessarily / mandatorily disbursed through Direct Benefit Transfer in the bank account of the beneficiary.
- (iii) The scale of relief assistance against each item for all notified disaster including 'local disaster' should not exceed the norms of SDRF / NDRF. Any amount spent by the State for such disasters over and above the ceiling, would be borne out of the resources of the State Government and not from SDRF.

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**SECRETARY TO GOVERNMENT**

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*D. Dhanasekaran*  
9.12.2023  
**SECTION OFFICER**