

Disaster Management Plan

2024-2025



ERODE DISTRICT

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LIST OF ABBREVIATIONS

S. No.	Abbreviation	Explanation
1.	AO	Agriculture Officer
2.	DERAC	District Emergency Relief Advisory Committee.
3.	DRR	Disaster Risk Reduction
4.	H & R.R.	Highways and Rural Roads
5.	H & R.W.	Highways and Rural Works
6.	MGNREGA	Mahathma Gandhi National Rural Employment Guarantee Act
7.	NCC	National Cadet Corps
8.	NGO	Non Governmental Organisation
9.	PHC	Primary Health Centres
10.	RTO	Regional Transport Officer
11.	SPCA	Society for the Prevention of Cruelty to Animals
12.	SSS	Social Security Scheme
13.	TANGEDCO	Tamilnadu Generation and Distribution Corporation Ltd.,
14.	TNCSC	Tamilnadu Civil Supplies Corporation
15.	TNSTC	Tamilnadu State Transport Corporation
16.	TWAD	Tamilnadu Water Supply and Drainage Board
17.	VAO	Village Administrative Officer
18.	WRO PWD	Water Resources Organisation Public Work Department

PREFACE

The Erode District Disaster Management Plan is a key part of an emergency management. It will play a significant role to address the unexpected disasters that occur in the district such as floods effectively. The information available in DDMP is valuable in terms of its use during disaster. Based on the history of past disasters that occur in the district, the plan has been so designed as an action plan rather than a resource book. Utmost attention has been paid to make it handy, precise rather than bulky one. While preparing this plan, most of the issues, relevant to crisis management, have been carefully dealt with. During the time of disaster there will be a delay before outside help arrives. At first, self-help is essential and depends on a prepared community which is alert and informed. Efforts have been made to collect and develop this plan to make it more applicable and effective to handle floods and drought which affects Erode District during monsoon seasons.

During a disaster, the resources from this DDMP can be ordered without delay, which will make the response time lesser. List of medical doctors, blood banks, public health centers, government and private hospitals have been included in this plan. This plan also provides an important list of websites, available materials etc. As a whole, this is a genuine effort of the district administration to develop the plan and if you have any suggestions and comments be free to convey the same so that we can include them in the next edition. We are thankful to all the institutions and persons who have provided us the vital information in time.

***Raja Gopal Sunkara, IAS.,
District Collector,
Erode District.***



CHAPTER - 1

INTRODUCTION

1.1. Aims and Objectives of the District Disaster Management Plan:

- To plan the activities that helps in minimizing the damages caused by all kinds of disasters in both urban and rural areas.
- To make endeavors towards creating awareness among the people about disasters and its consequences and to prepare them in advance to face such situations and to ensure their participation in the disaster mitigation plans.
- Existing institutional arrangements, interdepartmental linkages, role of NGOs, voluntary agencies and local communities so as to understand their capabilities to mitigate specific disasters which will also facilitate effective coordination in their activities in times of need.
- To act as an agency for the execution of disaster management schemes of the Government and the NGOs.
- To evolve information reporting and monitoring tools for preparedness, immediate response and damage assessment, keeping in view the socioeconomic conditions of urban and rural areas.

1.2. Authority for District Disaster Management Plan:

In accordance with the 'Section 30' of the 'Disaster Management Act, 2005' Sub-Section (1) The District Authority shall act as the District planning, coordinating and implementing body for disaster management and take all measures for the purposes of disaster management in the District in accordance with the guidelines laid down by the National Authority and the State Authority.

1.3. Evolution of DDMP:

Historically, emergency management and preparedness has been a reactive science. The District Magistrate who is the chief co-ordinator will be the focal point for coordinating all activities relating to prevention, mitigation and preparedness apart from his existing responsibilities pertaining to response and relief. The District Coordination and Relief Committee is being re-constituted/re-designated into Disaster Management Committees with officers from relevant departments being added as members. Because of its enhanced mandate of mitigation and prevention, the District heads and departments engaged in development will now be added to the Committee so that mitigation and prevention is mainstreamed into the District plan. The existing system of drawing up preparedness and response plans will continue. There will, however, also be a long term mitigation plan. District Disaster Management Committees have already been constituted in Erode District.

The Line Departments and Taluk Tahsildars have assessed the Disaster pertaining to Erode District and prepared their own Disaster Management plans and submitted for the scrutiny of the District Disaster Management Authority which has the following members.

1.	District Collector	Chairperson
2.	District Panchayat Chairperson	Co-Chairperson
3.	District Revenue Officer	Chief Executive Officer
4.	Superintendent of Police	Member
5.	Joint Director of Health Services	Member
6.	Personnel Assistant (General) to the Collector	Member
7.	Project Director of DRDA	Member

The plans approved by the District Disaster Management Authority will be included in the District Disaster Management Plan and submitted for approval by the State Disaster Management Authority.

1.4. Stakeholders and their responsibilities:

The measures which have to be undertaken during the occurrence of different types of disasters are listed below:

Sl. No.	Emergency responsibilities	Stakeholder/responsible agency
1.	Activation of Trigger mechanism	District Disaster Management Authority
2.	Risk communication through wireless / telephone.	District Emergency Operations Centre
3.	Evacuation of People	Revenue Department, PWD, Urban & Rural Local bodies, Police, Fire and Rescue Services, Home Guards, Armed Forces, Volunteers, 108 Ambulance, community and others.
4.	Shelter arrangement for rescued people	Revenue Department, PWD and Urban & Rural Local bodies.
5.	Traffic control and diversion	Traffic Police, Home Guards, NCC, NSS and Volunteers.
6.	Cordoning off the disaster affected areas	Police, NCC, NSS, Home Guards and Volunteers.
7.	Law and Order maintenance	Revenue Department, Police and Home Guards.

Sl. No.	Emergency responsibilities	Stakeholder/responsible agency
8.	Search and Rescue operation	Fire and Rescue Services, Police, First Responders, and Volunteers etc.,
9.	Provision of First Aid / Trauma Management	Health Department, Local Bodies, Red Cross and Volunteers.
10.	Relief camps and basic amenities in shelters	Revenue Department, Urban & Rural Local bodies and Health Department.
11.	Identification of dead and injured	Revenue Department, Urban & Rural Local bodies and Health Department.
12.	Arrangement of medical support for casualties	Health Department and Urban & Rural Local bodies.
13.	Impact and Resource Assessment	Revenue Department, Urban & Rural Local bodies, Fire and Rescue and experts.
14.	Clearance of the disaster affected areas	Rural Development, PWD, Highways, Urban and Rural local bodies
15.	Prevention of epidemics & organizing health camps	Health Department and Urban & Rural local bodies.
16.	Need based establishment of Temporary shelters	Revenue Department, PWD, TANGEDCO and Urban & Rural Local bodies.
17.	Mobilizing Resources for relief and restoration	Revenue Department, PWD, Urban & Rural Local bodies, TANGEDCO and Civil Supplies.
18.	Clearance of debris / Solid waste	PWD, Highways Department and Urban & Rural local bodies.
19.	Restoration of communication and Road networks	PWD, High ways, Urban & Rural local bodies, TANGEDCO,
20.	Provision of water	TWAD and Urban & Local bodies.
21.	Resumption of transportation	RTO, TNSTC and Highways.
22.	Food Arrangements	Revenue Department, Urban & Rural Local bodies and Civil Supplies.
23.	Provision of relief supplies	Revenue Department, Urban & Rural Local bodies and Civil Supplies.
24.	Temporary mortuary / Dead Body disposal	Revenue Department, Urban & Rural Local bodies, Red Cross, NCC, NGOs and Health Departments.

Sl. No.	Emergency responsibilities	Stakeholder/responsible agency
25.	Evacuation and shelter arrangement for cattle / livestock	Revenue Department, Animal Husbandry Department, Blue Cross, Local Bodies and Volunteers.
26.	Carcass disposal	Revenue Department, Animal Husbandry Department, Blue Cross, Local Bodies and Volunteers.
27.	Back to normalcy	Revenue Department and all line departments.

1.5. DDMP Frame work Usages:-

At District level, a District Disaster Management Authority is already activated to mitigate any unexpected situation in the District. There are seven members included in this authority. The Institutional Frame work for disaster management has been developed at District and Taluk Level. Apart from Disaster Management Committee, each level has a Disaster Management Plan along with the various task forces like Search and Rescue, First Aid, Early Warning, Shelter Management etc., The District Disaster Management Authority will be chaired by the District Collector where all line departments are its consultative members.

1.6. Approval Mechanism of DDMP: Authority for implementation (State Level / District level orders):-

The District Disaster Management Plan prepared by obtaining suggestions from all department officers is approved by District Disaster Management Authority chaired by the District Collector. This plan after obtaining the State Disaster Management Authority's approval will be sent to all stake holders for effective implementation.

1.7. Plan review and updation: Periodicity

The District Disaster Management Plan is valid for one year and will be reviewed, updated and approved at yearly interval.

CHAPTER - 2

DISTRICT PROFILE

This District was bifurcated from Coimbatore District and came in to existence from 17.09.1979. It is an inland District situated in the southern part of Peninsula and in the Central Portion along with length (North South) lying to the east and north of Tiruppur and Coimbatore District of Tamil Nadu. On the North Kollegal and Chamraj Nagar Taluks of Karnataka State, on the east Salem, Namakkal and Karur Districts, on the South Karur and Tiruppur District and on the west Tiruppur, Nilgiris and Coimbatore District form the boundaries of the District.

On the eastern side, River Cauvery runs as a natural boundary and the river Bhavani right from the Bhavanisagar Reservoir till its confluence with Cauvery runs in this District. Both these rivers during the north-east monsoon in October to December get the flood water from the upper reaches and cause heavy damage to the areas lying on its banks every year. Numerous rivulets that take their origin from the hills in the north are also subject to flash floods during the monsoon condition.

The water resources of the District are furnished division wise as below:-

ERODE DIVISION	:	Cauvery, Bhavani Rivers
GOBI DIVISION	:	Bhavani, Cauvery, Jungle streams and Tanks.

In Erode Division, Floods in river Cauvery are frequent due to discharges from Mettur and heavy rainfall below Mettur Dam and above Erode Taluk and also the heavy rainfall in the catchment areas of the river Bhavani which is also one of the tributaries for Cauvery. Excess outflow of water from Mettur Dam to Cauvery also poses problems to the people living in low lying areas on the river banks in Erode Taluk.

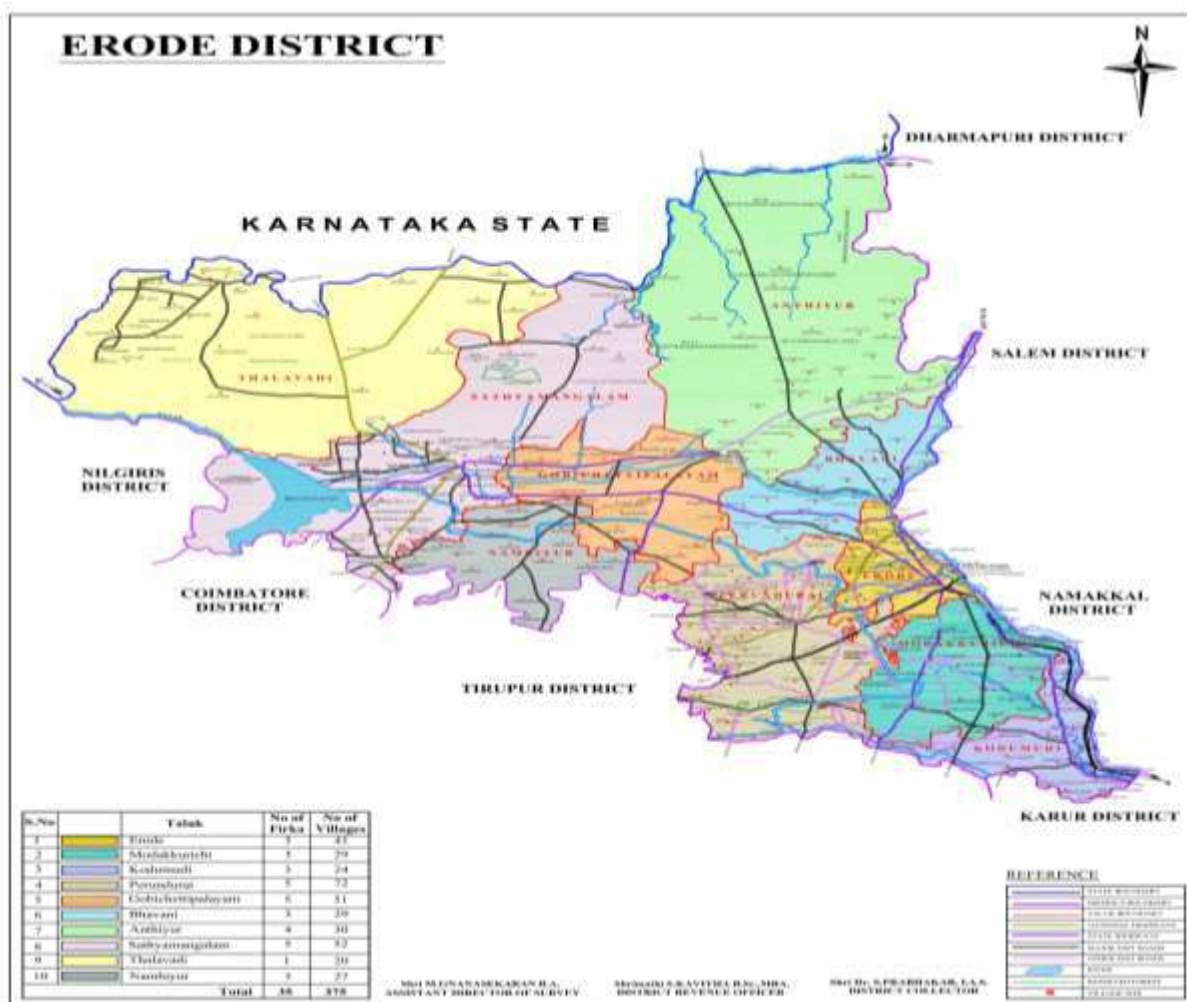
In Gobi Division, the floods in River Bhavani are more frequent than in Cauvery River. The flood in Bhavani is generally due to heavy discharge of water from Bhavanisagar dam. Though the discharge from Bhavanisagar dam does not by itself pose much threat, when it is followed by heavy rains, low lying areas in Bhavani Taluk especially the villages on the river banks between Sathy and Bhavani are exposed to risk of inundation.

In order to meet emergent situations arising out of floods in any manner described above, the Government has ordered that a Contingency Plan should be drawn and kept ready for operation at District level. A District emergency Relief Committee has also been constituted. The list of officials and non-officials constituting "Divisional Level Emergency Relief Advisory Committee" is at Appendix "B". The contingency Plan for Erode District have been drawn up taking into account the reports furnished by the Revenue Divisional Officers and the details furnished by other line departmental officers including Block Development Officers.

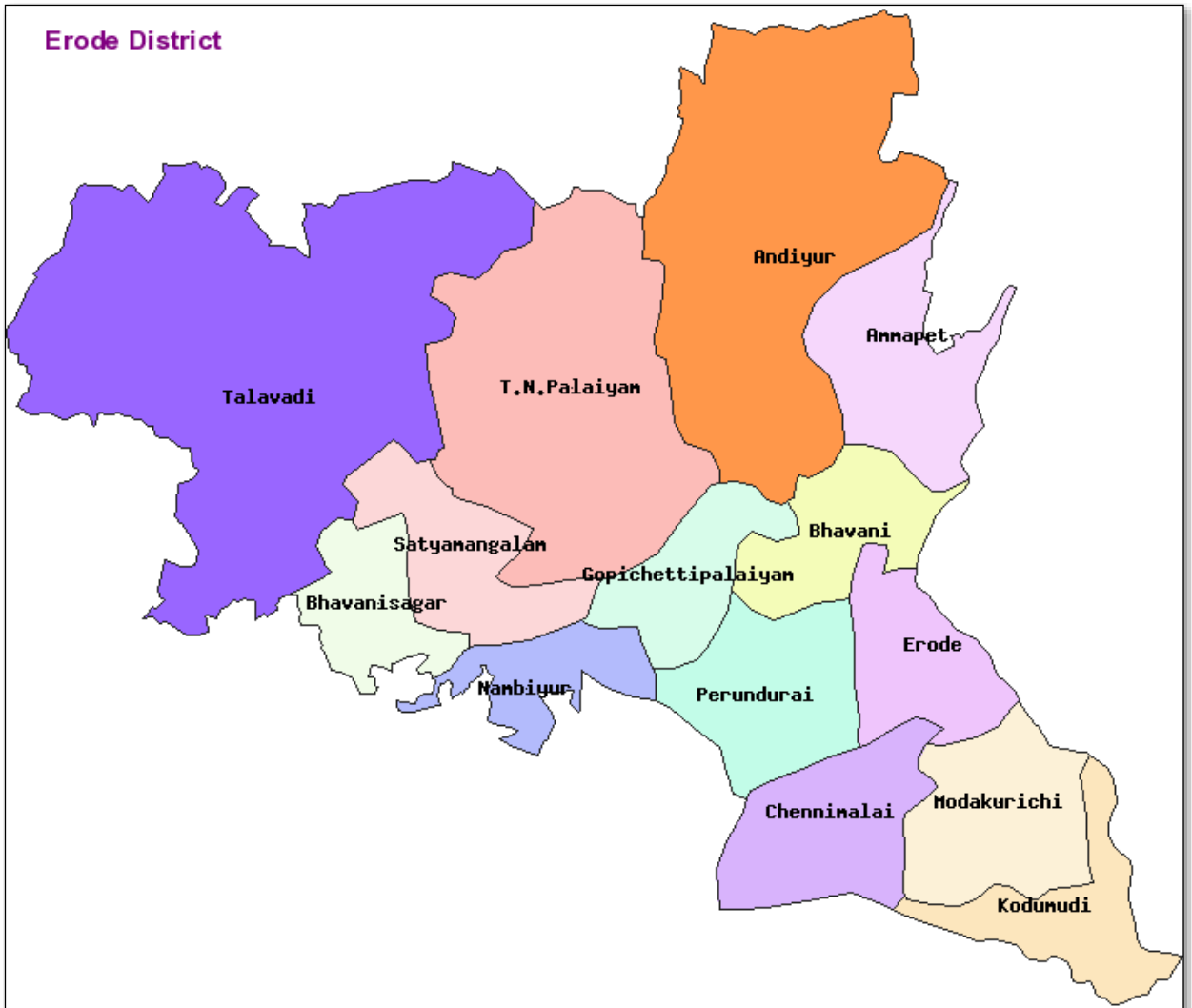
The Geographical area of the District is 5722Sq.K.m. which lies between 10.36 and 11.58 North Latitude and 76.49 and 77.58 East Longitude.

For Revenue administration the District has been divided into 2 Revenue Divisions, 10 Taluks, 35 Revenue Firkas and 375 Revenue Villages. For Local Body administration the District has been divided into 1 Corporation, 4 Municipalities, 14 Panchayats Unions, 42 Town Panchayats and 225 Village Panchayats.

2.1. District Map :-



2.2. Block Map:-



2.3. Socio-Economic profile of the District:

The District forms the meeting point of Western Ghats and Eastern Ghats separated by Bhavani River. The District comprises a long undulating plain, sloping gently towards the Cauvery River in the south-east.

The Bhavanisagar Dam and Kodiveri Dam provide storage facilities and numerous canals along with these rivers provide proper drainage and facilities for irrigation in the District.

Bhavani River rises in the Western Ghats of Silent Valley National Park in Palakkad District of Kerala. It receives the Siruvani River which has the second tastiest water in the world, a perennial stream of Coimbatore District, and gets reinforced by the Kundah River before entering Erode District in Sathyamangalam. Bhavani is more or less a perennial river fed mostly by the southwest monsoon. The northeast monsoon also supplements its water resources. This river runs for over

hundred miles through Erode District, traversing Bhavani and Gobichettipalayam Taluks. It feeds the Bhavanisagar reservoir, which takes an easterly course after Sathyamangalam Taluk. Near Gobichettipalayam lies the Kodiveri Dam, a mini dam constructed for agricultural purposes. It ultimately joins Kaveri in the island of Bhavani, Tamil Nadu, near Erode,

2.4. Soil:

The soils of the District are red, sandy and Gravel with moderate amount of red loam and occasional black loam tracts occurs mostly under land Kalingarayan channel. Different types of the soils such as yellowish red, dark reddish, brown and gravel are found in the District. Considerable stretches of red loamy, red sandy, gravely stony, stony of the red variety are found in Erode District .The soil has low nitrogen and medium phosphate content with marked variations between different Taluks.

2.5. Climate:

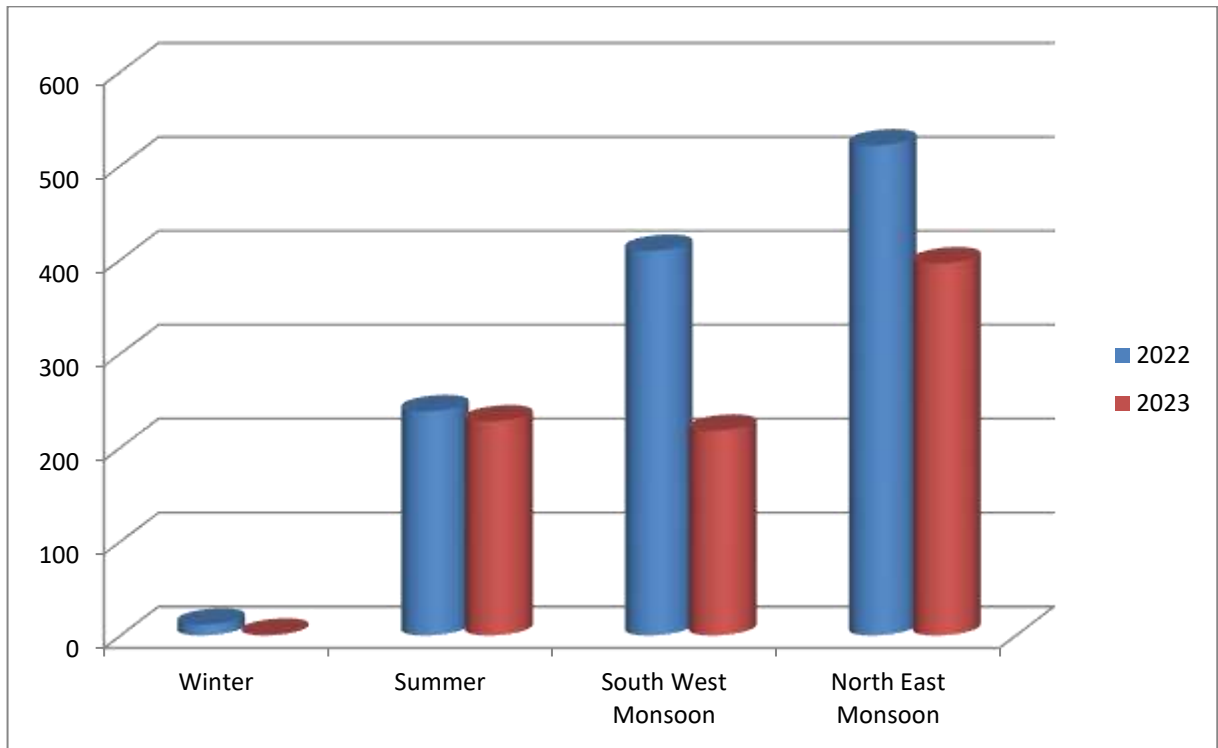
The climate is mostly dry and characterized by good rainfall. Unlike nearby Coimbatore District, Erode District has dry weather throughout the year except during the monsoons. The Palghat Gap in Western Ghats, which has a moderating effect on the climate of Coimbatore District, does not help in bringing down the dry climate in this area. The cool moist wind that gushes out of the west coast through Palghat gap loses its coolness and becomes dry by the time it crosses Coimbatore District and reaches Erode. Generally the first two months of the year are pleasant, but in March the temperature begins to rise, which persists till the end of May.

The highest temperatures are normally recorded during May. The scanty showers during this period do not provide much relief from the oppressive heat. However, there is an improvement in the climate during the June – August period. During the pre-monsoon period, the temperature reverses its trend. By September the sky gets heavily overcast, although the rains pour down. The northeast monsoon sets in vigorously only during October–November, and by December the rains disappear, rendering the climate clear and cold

Rainfall data for the year 2022- 2023 Season wise with bar diagram

Year	Winter	Summer	South West Monsoon	North East Monsoon
2022	11.35	238.55	409.30	521.57
2023	0.73	227.78	217.84	396.03

Rainfall data for the year 2022-2023 Season wise with bar diagram



2.6. List of Vulnerable Areas:

Erode District Disaster Management Plan - 2024

Sl.No	Source of flood	Name of the Taluk	Name of the Firka or rural /Township for Urban Areas	Vulnerable Points
1	River Cauvery	Erode	Corporation Erode	Ward No.17 Kandhaiyan Thottam-Malligai Nagar
2	River Cauvery	Erode	Corporation Erode	Ward No.7 - Vairapalayam
3	River Cauvery	Erode	Corporation Erode	Ward No.60
4	River Cauvery	Erode	Erode North	Anainasuvam palayam
5	River Cauvery	Erode	Erode North	Anainasuvam palayam
6	River Cauvery	Erode	Erode North	Elavamalai - Padithurai
7	River Cauvery	Erode	Erode North	Elavamalai - Solamanthottam
8	River Cauvery	Erode	Erode North	Elavamalai Village, Sudukattudhurai
9	River Cauvery	Erode	Erode North	Elavamalai Village, Karupparayan Kovil
10	River Cauvery	Erode	Erode North	Elavamalai Village, Odai
11	River Cauvery	Erode	Erode North	Mettunasuvam palayam Village, Nattuvan Kadu
12	River Cauvery	Erode	Erode North	Mettunasuvam palayam Village, Kandasamy Thottam
13	River Cauvery	Erode	Erode North	Karaiellapalayam Village, Sudukattu dhurai
14	Rain	Erode	Corporation Erode	Ward No.45 - Ashokapuri
15	Rain	Erode	Corporation Erode	Ward No.45 - Ex -Service Men Colony
16	Rain	Erode	Corporation Erode	Ward No.45 - Central Threatre area
17	Rain	Erode	Corporation Erode	Ward No.45 -Ambedkar Street (Stony Bridge Area)
18	Rain	Modakkurichi	Modakkuruchi	Ward No.3 Kosalai, Keerikalkadu
19	Rain	Modakkurichi	Modakkuruchi	Ward No.15 Gandhi Street, Naduppalayam
20	Rain	Modakkurichi	Arachalur	Ward No.12 Komarapalayam Colony
21	Rain	Modakkurichi	Arachalur	Ward No.13 Vadapalani Ad Colony
22	Rain	Modakkurichi	Avalpoondurai	Ward No.4 A.D New Colony
23	Rain	Modakkurichi	Avalpoondurai	Ward No.15 Pungadu Thirumangalam Main Street
24	Rain	Modakurichi	Modakuruchi	Punjai Lakkapuram Pokkuvarathu Nagar
25	Rain	Modakurichi	Modakuruchi	Punjai Kalamangalam B Kattur A.D. Colony
26	Rain	Modakurichi	Modakuruchi	Punjai Kaalamangalam 'A'

27	Rain	Modakurichi	Modakurichi	Punjai Kaalamangalam 'B'
28	Rain	Modakurichi	Modakurichi	Enjampalli
29	River Bhavani	Modakkurichi	Modakkuruchi	Kangayampalayam
30	River Cauvery	Kodumudi	Unjalur	Ward No.2
31	River Cauvery	Kodumudi	Kodumudi	Ward No.2 Chennasamudaram
32	River Cauvery	Kodumudi	Kodumudi	Ward No.5- Vadakku Theru
33	River Cauvery	Kodumudi	Kodumudi	Ward No.9 - Eluppu Thoppu
34	River Cauvery	Kodumudi	Kilampadi	Ward No.11
35	River Cauvery	Kodumudi	Vengampur	Ward No.2
36	River Cauvery	Kodumudi	Kilambadi	Nanjai Kolanalli
37	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.4 - Kanthan Pattarai
38	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.4 - Pumping Station Back Side
39	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.8 - Somasundarapuram
40	River Bhavani and Cauvery	Bhavani	Bhavani	Ward 13 Palanipuram 1st And 4th Street
41	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No. 20 Pasuveshwarar Street
42	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.21 - Thandai Periyar Street
43	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.21 -Keeraikkara street
44	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No. 22- Old Bus Stand
45	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No. 22- Makkan Street
46	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.25 Kalthozhilalar street
47	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No. 26 - Srinavasapuram
48	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No. 26 - Royal Theater Road
49	River Bhavani and Cauvery	Bhavani	Bhavani	Ward No.27 Palakkarai street
50	River Bhavani	Bhavani	Jambai	Ward No.09
51	River Bhavani	Bhavani	P.Mettuppalayam	Ward No.9
52	River Bhavani	Bhavani	Bhavani	Uratchikottai Kamatchi Amman Koil Street
53	River Bhavani	Bhavani	Bhavani	Uratchikottai Kamatchi Nethaji Street
54	River Bhavani	Bhavani	Kavundapadi	Kavundapadi Gandhi Nagar
55	River Bhavani	Bhavani	Kavundapadi	Serayampalayam
56	River Bhavani	Bhavani	Kavundapadi	Kavundapadi Vairamangalam Koomputhottam

57	River Bhavani	Bhavnai	Appakudal	Ward No.10
58	River Bhavani and Cauvery	Bhavani	Kurichi	Kesarimangalam
59	River Bhavani and Cauvery	Bhavani	Bhavani	Varadhanallur
60	River Bhavani and Cauvery	Bhavani	Bhavani	Sanniyasipatti
61	River Bhavani and Cauvery	Bhavani	Kurichi	Singampettai
62	River Bhavani and Cauvery	Bhavani	Kurichi	Kadappanallur
63	River Bhavani and Cauvery	Bhavani	Kurichi	Kesarimangalam
64	Rain	Bhavani	P.Mettupalayam	Ward No.9
65	River Bhavani	Gobi chetti palayam	Vaniputhur	Nanjai Puliampatti
66	River Bhavani	Gobichetti palayam	Vaniputhur	Perumugai Adasapalayam
67	River Bhavani	Gobichetti palayam	Vaniputhur	Perumugai Sanjeevirayankulam
68	River Bhavani	Gobichetti palayam	Kugalur	Ammapalayam
69	River Bhavani	Gobi chetti palayam	Kugalur	Ammapalayam Ganeshapuram Road
70	River Bhavani	Gobi chetti palayam	Kugalur	Mevani
71	River Bhavani	Gobichetti palayam	Kugalur	Mevani
72	River Bhavani	Gobichetti palayam	Gobichetti palayam	Pariyur
73	River Bhavani	Gobichetti palayam	Gobichetti palayam	Pariyur
74	Rain	Gobichetti palayam	Vaniputhur	Kongarpalayam Vinoba Nagar
75	Rain	Gobichetti palayam	Vaniputhur	Kongarpalayam MGR Nagar
76	Rain	Gobichetti palayam	Vaniputhur	Kongarpalayam Vaniputhur Shandi area
77	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.16 - Perumalsamy Nagar
78	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.16 - Sakthi Nagar, (Keeripallam Odai)
79	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.17 - Amman Nagar
80	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.17 -Subbannan Street, (Keripallam Odai)
81	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.17 - Kabilar Street
82	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.22- Sivashanmugam Street
83	Rain	Gobichetti	Gobichetti palayam	Ward No.22- S.D.N. Colony

		palayam		
84	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.25 Sleater house Street
85	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.25 - Nanjappa Street
86	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.25 - Venkadachalam Pettai, (Keeripallam Odai)
87	Rain	Gobichetti palayam	Gobichetti palayam	Ward No 26 Saminathapuram
88	Rain	Gobichetti palayam	Gobichetti palayam	Ward No.27 Seethalakshampuram
89	Rain	Gobichetti palayam	Gobichetti palayam	Ward No 30 Anna Nagar
90	River Bhavani	Sathya mangalam	Sathyamangalam	Ikkarai negamam
91	River Bhavani	Sathyamangalam	Bhavanisagar	Doddampalayam Devangapuram Amman koil street
92	River Bhavani	Sathyamangalam	Bhavanisagar	Doddampalayam Devangapuram Karuparayan Koil Street
93	River Bhavani	Sathyamangalam	Bhavanisagar	Doddampalayam Boyar Colony
94	River Bhavani	Sathyamangalam	Arasur	Makkinagombai Ganeshapuram Anna Nagar Area
95	River Bhavani	Sathyamangalam	Sathyamangalam	Ward No.19- Pillaiyar Kovil Street
96	River Bhavani	Sathyamangalam	Sathyamangalam	Ward No .19- Muniyappa Kovil Street
97	River Bhavani	Sathyamangalam	Sathyamangalam	Ward No 21 - Mathimarathurai Veethi
98	River Bhavani	Sathyamangalam	Sathyamangalam	Ward No 21 -Mamarathurai Santhu
99	River Bhavani	Sathyamangalam	Sathyamangalam	Ward No 21 - Parisalthurai Veethi
100	River Bhavani	Sathyamangalam	Sathyamangalam	Komarapalayam
101	River Bhavani	Sathyamangalam	Sathyamangalam	Alathukombai
102	River Bhavani	Anthiyur	Athani	Ward No.12
103	River Cauvery	Anthiyur	Ammapettai	Ward No.10
104	River Cauvery	Anthiyur	Nerinjipettai	Ward No 2
105	River Bhavani	Anthiyur	Athani	Keelvani
106	River Bhavani	Anthiyur	Athani	Kuppandampalayam Karuvalvadipuram
107	River Bhavani	Anthiyur	Athani	Kuppandampalayam

				Kamarajnagar
108	River Bhavani	Anthiyur	Athani	Moongilpatty-Meenavar street
109	River Bhavani	Anthiyur	Athani	Moongilpatty Mariyamankoil St
110	River Bhavani	Anthiyur	Athani	Moongilpatty Nadupillayar koil St
111	River Bhavani	Anthiyur	Athani	Moongilpatty Kamachi Amman koil St
112	Rain	Nambiyur	Nambiyur	Ward No.6
113	Rain	Nambiyur	Nambiyur	Ward No.14

In Erode District, it was found that 113 areas were affected due to the floods and rainfall in 2018. After reviewing these 113 areas, the following locations are being removed from the list."

Sl.No	Source of flood	Name of the Taluk	Name of the Firka or rural /Township for Urban Areas	Vulnerable Points
1	Rain	Erode	Corporation Erode	Ward No.45 - Ex -Service Men Colony
2	Rain	Erode	Corporation Erode	Ward No.45 -Ambedkar Street (Stony Bridge Area)
3	Rain	Modakurichi	Modakurichi	Punjai Kaalamangalam 'A'
4	Rain	Bhavani	P.Mettupalayam	Ward No.9

2.6.1 List of NewVulnerable Areas identified for the year 2023-2024:

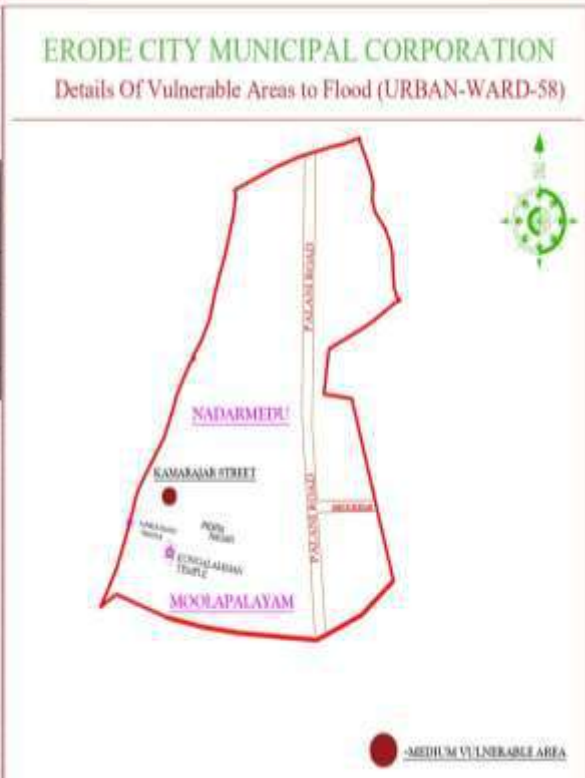
23 new areas have been identified as vulnerable based on the experience in the North-East monsson rains in the year 2023 and in the summer/South-West monsoon rains in 2024. Among these 23 areas, 11 are categorized as highly vulnerable and 12 as moderately vulnerable. All the vulnerable areas identified in Anthiyur Taluk except Bargur village are due to heavy rains and subsequent discharge of water from Anthiyur lake.

Sl.No	Source of flood	Name of the Taluk	Name of the Firka or rural /Township for Urban Areas	Vulnerable Points	Classificati on of vulnerable areas
1	Rain	Erode	Corporation Erode	Annai Sathiya Nagar	Medium
2	Rain	Erode	Corporation Erode	Nesavalar colony	Medium
3	Rain	Erode	Corporation Erode	Kamarajar Street,Nadar Medu	Medium
4	Rain	Modakurichi	Aval Poondurai B	Aval Poondurai B Village Mettur Mandhai	Medium

5	Rain	Kodumudi	Kodumudi	Kolathupalayam , J.J.Nagar	Medium
6	Rain	Perunudrai	Chennimalai	Thiyagi kumaran Nagar, Mugsipidariyur, Chennimalai	Medium
7	Rain	Perundurair	Perundurair	Ponmudi, Perundurair	Medium
8	Rain	Perundurair	Perundurair	Kullampalayam, Perundurair	Medium
9	Rain	Perundurair	Perundurair	Kadappamadai, SIPCOT,Perundurair	High
10	Rain	Gobichetti palaiyam	Kugalur	Thalaikombu pudur	Medium
11	Rain	Sathya mangalam	Mathampalaiyam	Mathampalaiyam - Kanakkarasam palaiyam	Medium
12	Rain	Sathya mangalam	Nallur	Nallur	Medium
13	Rain	Anthiyur	Anthiyur B	Maavilakku Mariyamman Kovil Street	High
14	Rain	Anthiyur	Pachampalayam	Periyar Nagar	High
15	Rain	Anthiyur	Pachampalayam	ASM Colony	High
16	Rain	Anthiyur	Pachampalayam	Bagavan Garden	High
17	Rain	Anthiyur	Pachampalayam	Kannapan kinatru street	High
18	Rain	Anthiyur	Pachampalayam	Amman Nagar	High
19	Rain	Anthiyur	Anthiyur B	Nehru Street	High
20	Rain	Anthiyur	Pachampalayam	Azhagan Nagar (Ravindran Hospital)	High
21	Rain	Anthiyur	Pachampalayam	Annamaduvu	High
22	Rain	Anthiyur	Bargur A	Neykarai, Settinodi	High
23	Rain	Thalavadi	Thalavadi	Hasanur	Medium
24	Rain	Thalavadi	Thalavadi	Iggalur	Medium

2.6.1 New Vulnerable Area Map for the year 2023-2024:
Erode Taluk

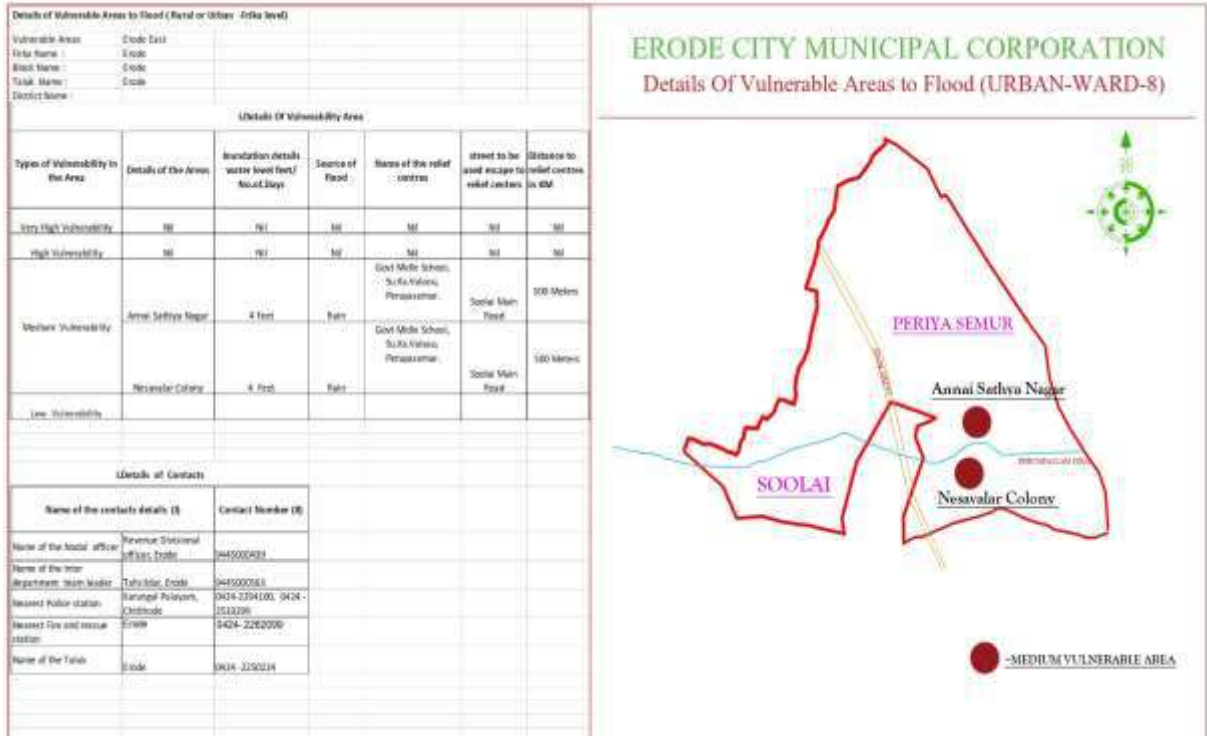
Details of Vulnerable Areas to Flood (Rural or Urban -Riska level)						
Vulnerable Areas	Erode East					
Ward Name	Erode					
Block Name	Erode					
Taluk Name	Erode					
District Name	Erode					
I.Details Of Vulnerability Area						
Types of Vulnerability in the Area	Details of the Areas	Inundation details water level/feet/ No.of Days	Source of Flood	Name of the relief centres	street to be used escape to relief centres	Distance to relief centres in KM
Very High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
Medium Vulnerability	Kumarajar Street, Nadar Medu	4 Feet	Rain	Rita School, Railway Colony, Erode	Sarathi Nagar	500 Meters
Low Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
II.Details of Contacts						
Name of the contacts details (I)		Contact Number (II)				
Name of the Nodal officer	Revenue Divisional officer, Erode	9442000439				
Name of the Inter department team leader	Talukadar, Erode	9442000583				
Nearest Police station	Taluk Station	9424 240000				
Nearest Fire and rescue station	Erode	0424-2262000				
Name of the Taluk	Erode	9424-226024				



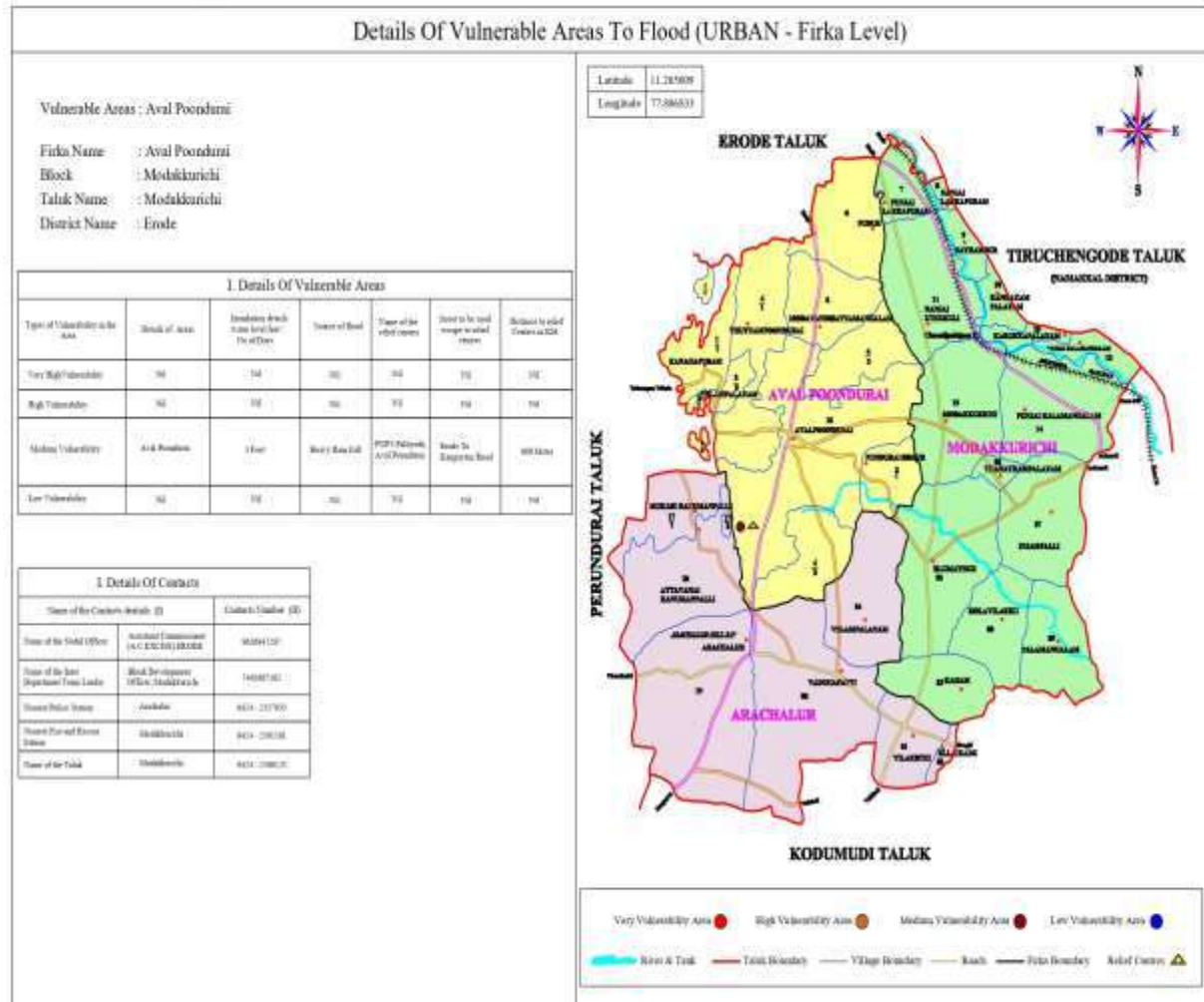
Details of Vulnerable Areas to Flood (Rural or Urban -Riska level)						
Vulnerable Areas	Erode East					
Ward Name	Erode					
Block Name	Erode					
Taluk Name	Erode					
District Name	Erode					
I.Details Of Vulnerability Area						
Types of Vulnerability in the Area	Details of the Areas	Inundation details water level/feet/ No.of Days	Source of Flood	Name of the relief centres	street to be used escape to relief centres	Distance to relief centres in KM
Very High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
Medium Vulnerability	Central Theatre area	3 Feet	Rain	Thirumala Gounder Marriage Hall, Gandhi Road, Erode	Sarathi Road, Erode	500 Meters
Low Vulnerability	Ashokapur Ward No.45	3 Feet	Rain	Thirumala Gounder Marriage Hall, Gandhi Road, Erode	Erly Road, Erode	800 Meters
Low Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
II.Details of Contacts						
Name of the contacts details (I)		Contact Number (II)				
Name of the Nodal officer	Revenue Divisional officer, Erode	9442000439				
Name of the Inter department team leader	Talukadar, Erode	9442000583				
Nearest Police station	Kumarpalayam, Chittoode	0424 2294100, 0424-2111200				
Nearest Fire and rescue station	Erode	0424-2262000				
Name of the Taluk	Erode	0424-226024				



Erode



Modakurichi



Perundurai

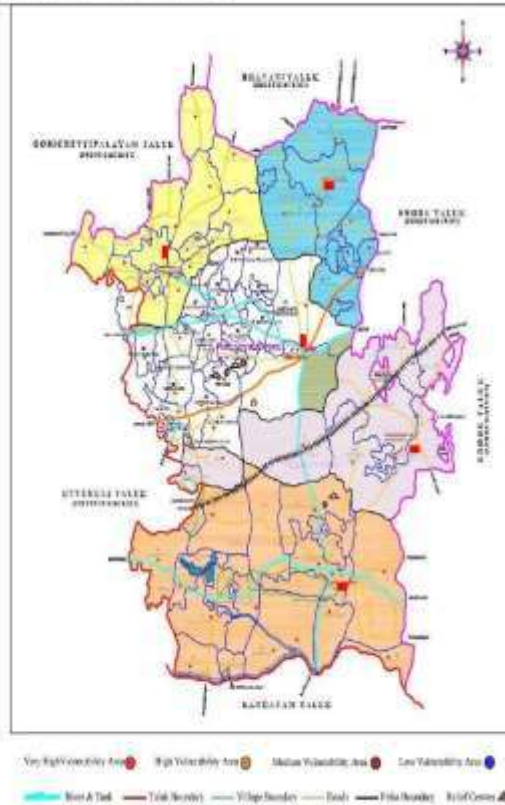
Details Of Vulnerable Areas to Flood (Rural - Firka Level)

Vulnerable Areas : 1.Ponmudi 2.Kallampalayam 3.Perundurai-Kadappamadai,Sipcot
4.Mugasipodariyur-Thiyagi Kumaran Nagar

Firka Name : Perundurai, Chennimalai
Block : Perundurai, Chennimalai
Taluk Name : Perundurai
District Name : Erode

I.Details of Vulnerability Area						
Types of Vulnerability In the Area	Details of the Area	Inundation Details (water level/last/ Next Days)	Source of Flood	Name of the Relief Centres	Street to be used to connect relief centres	Distance to relief centres in KM
Very High Vulnerability	-	-	-	-	-	-
High Vulnerability	1. ponmudi Kadappamadai, Sipcot	3 feet	Heavy rain fall	-	-	-
Medium Vulnerability	1. Ponmudi	1 foot 4 days	Heavy rain fall and Heavy cloud break	P.U.S.School,Perundurai	Subanganjan road	100 meters
	1. Kadappamadai	1 foot 4 days	Heavy rain fall	P.U.S.School, Kadappamadai	Subanganjan road	100 meters
Low Vulnerability	1. Mugasipodariyur, Thiyagi Kumaran Nagar	1 foot 1 day	Heavy rain	Kadappamadai, Thiyagi Kumaran Nagar	Subanganjan road	100 meters

I.Details of Contact - Drain		
Name of the Contact Details	Contact Number	
Name of the Field Officer	Revenue Division Officer, Erode	944900019
Name of the Line Department team leader	Taluk, Perundurai	944900019
Name of the Police Station	Perundurai	9829620000
Name of the Fire and Rescue Station	Perundurai	0425621000
Name of the Taluk	Perundurai	0425621000



Anthiyur

DETAILS OF THE VULNERABLE AREA (RURAL OR URBAN)

VULNERABLE AREA : AMMAPETTAI, NERINJIPETTAI
FIRKA NAME : AMMAPETTAI
BLOCK : AMMAPETTAI
TALUK NAME : ANTHIYUR
DISTRICT NAME : ERODE

I. DETAILS OF VULNERABILITY AREA						
Types of Vulnerability In the Area	Details of the Area	Inundation Details (Water Level Feet/Number of days)	Source of Flood	Name of the Relief Centres	Street to be used to escape to relief centres	Distance to Relief Centres in KM
Very High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
High Vulnerability	Meenavar Colony, Annampetta 1-A	5to6 Feet / 2 days	Mettur Dam when Over flow of Surplus Water	Velavan Vidhyalayam School	Mettur to Theppur Main Road	800 Meters
High Vulnerability	Meenavar Street, Nerinjipetta	5to6 Feet / 2 days	Mettur Dam when Over flow of Surplus Water	Nerinjipetta High School	Mettur to Theppur Main Road	500 Meters
Low Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil

DETAILS OF CONTACTS		
Name of the Contact Details	Contact Number	
Name of the Nodal Officer	AEE (R&H), Erode	74026 07078
Name of the Line Department Team Leader	Talukdar SSS	9789778143
Near Police Station	Annampetta	8498175063
Near Fire and Rescue Station	Anthiyur	04256-261001
Name of the Taluk	Anthiyur	04256-260100



DETAILS OF THE VULNERABLE AREA TOWN PARICHAYAT

VULNERABLE AREA : ANTHIYUR B
FIRKA NAME : ANTHIYUR
BLOCK : ANTHIYUR
TALUK NAME : ANTHIYUR
DISTRICT NAME : ERODE

I. DETAILS OF VULNERABILITY AREA						
Types of Vulnerability In the Area	Details of the Area	Inundation Details Water Level Feet/Number of days	Source of Flood	Name of the Relief Centres	Street to be used escape to relief centres	Distance to Relief Centres in KM
Very High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
High Vulnerability	Kannappa n Kinatru Veethi	3to5 Feet / 2 days	Varattu Pillam Dam when Over flow of Surplus Water	MJ Thiruvannu Mandapam	Bhavani Main Road	200 Meters
High Vulnerability	Nehru Street	3to5 Feet / 2 days	Varattu Pillam Dam when Over flow of Surplus Water	MJ Thiruvannu Mandapam	Bhavani Main Road	200 Meters
High Vulnerability	Mavilakku Mariyamm Kovil Street	3to5 Feet / 2 days	Varattu Pillam Dam when Over flow of Surplus Water	Viewolsala Thiruvannu Mandapam	Bhavani Main Road	200 Meters
Low Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil



VULNERABLE AREA :
 Kannappa Kinatru Veethi
 Nehru Street
 Mavilakku Mariyamm Kovil Veethi

DETAILS OF CONTACTS

Name of the Contact Details	Contact Number
Name of the Nodal Officer	DBCWO, Erode 94421 34126
Name of the Inter Department	Tahsildar 9445461899
Team Leader	
Near Police Station	Anthiyur 04256-260250
Near Fire and Rescue Station	Anthiyur 04256-261001
Name of the Taluk	Anthiyur 04256-260100

DETAILS OF THE VULNERABLE AREA (RURAL OR URBAN)

VULNERABLE AREA : KUPPANDAMPALAYAM, MOONGILPATTI
FIRKA NAME : ATHANI
BLOCK : ANTHIYUR
TALUK NAME : ANTHIYUR
DISTRICT NAME : ERODE

I. DETAILS OF VULNERABILITY AREA						
Types of Vulnerability In the Area	Details of the Area	Inundation Details Water Level Feet/Number of days	Source of Flood	Name of the Relief Centres	Street to be used escape to relief centres	Distance to Relief Centres in KM
Very High Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil
High Vulnerability	Kuppandampalayam, Karanai Nagar	3to5 Feet / 2 days	Bhavani Sakar Dam when Over flow of Surplus Water	Govt High School, Athani	Sathy Main Road	500 Meters
High Vulnerability	Moongilpatti, Meenakar Street	3to5 Feet / 2 days	Bhavani Sakar Dam when Over flow of Surplus Water	Govt High School, Moongilpatti	Sathy Main Road	500 Meters
High Vulnerability	Moongilpatti, Mariyamm Kovil Street	3to5 Feet / 2 days	Bhavani Sakar Dam when Over flow of Surplus Water	Govt High School, Moongilpatti	Sathy Main Road	500 Meters
Low Vulnerability	Nil	Nil	Nil	Nil	Nil	Nil



DETAILS OF CONTACTS

Name of the Contact Details	Contact Number
Name of the Nodal Officer	DBCWO, Erode 94421 34126
Name of the Inter Department	Tahsildar 9445461899
Team Leader	
Near Police Station	Appakosudi 04256-246399
Near Fire and Rescue Station	Anthiyur 04256-261001
Name of the Taluk	Anthiyur 04256-260100

CHAPTER – 3 Disaster Management

Perspective Plan –Goals for 2017-2030

In accordance with the Sendai Frame Work the goals for District Disaster Management Programme for 2017 to 2030 has been assessed and updated with specific reference to I Disaster Risk Reduction to prevent new disasters and reduce existing disaster risk through the implementation of integrated and inclusive developmental planning, reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus strengthen resilience.

The goals are as follows:

Goals- Flood

- **Flood risk reduction in Perumpallam Odai, Pichaikaranpalayam Odai and sunnambu odai in Erode Corporation area.**
- **Construction of Vedhaparai Dam in Thookkanaickenpalayam of Gobichettipalayam taluk.**
- **Eviction of Encroachment in Keeripallam odai of Gobi Municipality.**
- **Eviction of Encroachment and protection of river bank areas of river Cauvery and river bhavani in Bhavani Municipality.**
- **Maintenance of water bodies in Erode District Erode Corporation and Thalavadi hills.**

Goals –Drought

- **Intensification of Micro irrigation techniques in drought prone blocks such as Nambiyur, Ammapettai, Anthiyur.**
- **Implementation of community irrigation concept in Nambiyur, Ammapettai, Anthiyur areas.**
- **Construction of 3 Check dam across river bhavani Viz Arasur, Periya kodivedi & ottathur**
- **Rejuvenation of Bhavani & Cauvery water.**
- **Encouraging Hydroponics, Azola cultivation in drought prone areas.**

Understanding and Priorities the Risk

The preliminary hazard Risk Assessment of Erode District is carried out to identify the areas vulnerable to major types of the hazards in the District based on the probability of occurrence and the severity. The details are presented in Table 1. As a first step, a list of Major and Minor disasters based on the severity is identified and presented in Table 2.

Table 1.
Hazard/ Risk Assessment of Erode District

Hazard	Characteristics	Who/ What at risk	Probability of occurrence (Rating)	Vulnerability (Rating)
Flood	Flash floods	Agriculture crops, Transport, Houses, Constructions, Drinking Water, Cattle, Irrigation Equipments.	If excess water released from Mettur Dam and Bhavanisagar Dam simultaneously above 1.50 lakh cusecs caused flash floods	High
Flood	Flash floods.	Agriculture crops, Transport, Houses, Constructions, Drinking Water, Cattle, Irrigation Equipments.	Occasional	Moderate
Drought	<ul style="list-style-type: none"> Deficit in rainfall and depletion of ground water 	Crops, Drinking Water, Livelihood Options	Occasional	Moderate
Heat Wave/ Storm/ Hail Storm	<ul style="list-style-type: none"> These are seasonal hazards largely affecting the poor. The poor and marginal 	Human Life, Cattle life, Crops	Occasional	Low
Earth Quake	These hazards are occasional.	Human Life, Cattle life loss of property	Occasional	Low

Table 2.

List of Disasters and its Severity in Erode District

Sl.No	Event	Status Major/Minor/Nil	Severity
1	Flood / Flash flood	Major	High / Moderate
2	Drought	Major	Moderate
3	Heat wave	Minor	Moderate
4	Hailstorm	Minor	Low
5	Lighting	Minor	Low
6	Forest fire	Minor	Low

Mainstreaming of Disaster Risk Reduction:

In Erode District Disaster Risk Reduction Programs have been programmed under the following important schemes implemented by various departments

S. No	Name of the Scheme	Programme of implementation over a period from 2017 - 2030
1.	Mission for Sustainable Dry Land Agriculture.	<p>A Unique Scheme introduced during this year (2018-19) the scheme is implemented with 6 clusters in the area as 6000 Ha. to uplift the livelihood of the dry land farmers and also to assist them in marketing their produce, value addition of the produce, working together in clusters by way of forming clubs at Panchayat level and dovetailing various scheme benefits the clusters are the salient features of this scheme.</p> <p>During the year i.e. 2018-19 the scheme is implemented with 13 clusters in an area of 13000 Hec. with an outlay of Rs.11.24 crores. Department of Agriculture, Agricultural Engineering, Co-operative department, Animal Husbandry are the line departments working together in blocks.</p> <p>During this year i.e. 2019-20 the scheme is implemented with 13 clusters in an area of 13000 Hec. with an outlay of Rs.11.72 crores. Department of Agriculture, Agricultural Engineering, Co-operative department, Animal Husbandry are the line departments working together in blocks.</p> <p>Year i.e. 2020-21 the scheme is implemented with 13</p>

		<p>clusters in an area of 13000 Hec. with an outlay of Rs.1.2482 crores. Department of Agriculture, Agricultural Engineering, Co-operative department, Animal Husbandry are the line departments working together in blocks.</p> <p>Year i.e. 2021-22 the scheme is implemented with 60 clusters in an area of 6000 Hec. with an outlay of Rs.2.0592 crores. Department of Agriculture, Agricultural Engineering, Co-operative department, Animal Husbandry are the line departments working together in blocks.</p> <p>During this year i.e. 2022-23 the scheme is implemented with 60 clusters in an area of 6000 Hec. with an outlay of Rs.1.4068 crores. Department of Agriculture, Agricultural Engineering, Co-operative department, Animal Husbandry are the line departments working together in blocks.</p> <p>Ultimately it is designed to cover the entire area of dry land agriculture in this District in a span of 4 years.</p> <p>The scheme overall envisage the dry land farmers to work together, add value addition to their produce and market the produce with their brand in course of the completion.</p> <p>From the year 2021-22, Kalaigharin All Village Integrated Development program is being implemented in village Panchayts of Erode District. Main focus is to develop Fallow lands into cultivable lands by Fallow land cluster formation, assisting bush clearance, land leveling, creating irrigation source, facilitating energize, drip irrigation facilities, planting perennial crops, border crops with agro forestry trees. In the year 2021-22, 8 clusters have been developed. In the year 2022-23, 7 clusters have been developed. those clusters are being monitored and supported the Department. Apart from the cluster development this year 2024-25, bush clearance subsidy is being given for individual farmers (Rs. 46 La) and activities has been initiated to form 4 fallow land clusters. Apart from this ploughing subsidy has been given for rainfed farmers under National Agricultural Development Schemes.</p>
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2.	Rain fed Area Development for Horticulture Clusters	<p>In Erode District, Thalavadi, Perundurai, Anthiyur, Sathyamangalam blocks which have larger area of rain fed lands. Whenever failure of monsoon, the blocks were affected very severely.</p> <p>In this area, crop diversification with less water requiring high income generating horticulture crops by adopting modern practices is required.</p> <p>Presently during 2019-20 units were implemented under Integrated farming system.</p> <p>The Subsidy cost per units. under Horticulture based Integrated farming system is Rs.1,00,000.</p> <p>By which merely 100 families will get benefit and notable change in the life style of the farmers due to the development activities in the rain fed area</p> <p>In Anthiyur and Modakkurichi Blocks for the year 2019-20, 200 famers were benefited under this scheme with 127.975 lakhs subsidy.</p> <p>In Anthiyur, T.N.palayam, Kodumudi and Sathyamangalam blocks for the year 2021-22, 200 farmers were benefitted under the scheme with Rs.91.8 lakhs subsidy.</p> <p>In Ammapettai and Modakkurichi Blocks for the year 2022-23, 200 famers were benefited under this scheme with 108.0 lakhs subsidy.</p> <p>In all Blocks for the year 2023-24 , 340 farmers were benefited under this scheme with 102 lakhs subsidy</p>
3.	Micro Irrigation	<p>To manage the situation of water shortage it is imperate to adopt all water saving techniques. One such important activity envisaged by the Government of India under "One drop more crop" strategy is micro irrigation.</p> <p>The Erode District farmers being pioneers in adopting new technologies, already is switching over to Micro Irrigation voluntarily in the past few years Almost around 10000 Hec. of agricultural crops and Horticultural are already under various micro irrigation operations for 2018-2019</p> <p>The State Government agricultural crops and</p>

		<p>Horticultural has achieved 8756 Hec area under micro irrigation with a financial out lay of around Rs. 71.3 crores for the year 2019-2020.</p> <p>The State Government agricultural crops and Horticultural has achieved 8441 Hec area under micro irrigation with a financial out lay of around Rs. 74.53 crores for the year 2020-2021.</p> <p>The State Government agricultural crops and Horticultural has achieved 4468.49 Hecarea under micro irrigation with a financial out lay of around Rs. 47.5 crores for the year 2021-2022.</p> <p>The State Government agricultural crops and Horticultural has achieved 4892.36Hecarea under micro irrigation with a financial out lay of around Rs. 40.76crores for the year 2022-2023.</p> <p>The State Government's Department of Agriculture-Farmers welfare and Horticulture has allotted 4060Hecwith financial outlay 40.31 crores of target for the year 2023-2024.</p> <p>The State Government's Department of Horticulture has achieved 3159.2Hecwith financial outlay 35.12 crores of target for the year 2023-2024.</p> <p>The State Government's Department of Horticulture has allotted 2500Hecwith financial outlay 26 crores of target for the year 2024-25</p> <p>The State Government's Department of Agriculture-Farmers welfare has achived 2822.28Hecwith financial outlay 27.56 crores of target for the year 2023-2024.</p> <p>The state government agirculture crops have alloted 1800ha with financila outlay of 22.40crores of target for theyear 2023-24.</p> <p>For the next 20 – 30 years we are aiming to cover the entire irrigated land under Micro Irrigation including some special Projects already prepared for ayacut areas also.</p>
4.	MGNREGS	The year 2020-2021, Following flood protection works will be taken up under MGNREGS.

Sl. No	Name of the work	No. of works	Estimate amount (in Lakhs)
1	Cement concrete Check dam	249	3448.81
2	Boulder Check dam	0	0
3	Cabion Check dam	0	0
	TOTAL	249	3448.81
During the year 2021-2022, Following flood protection works will be taken up under MGNREGS			
Sl. No	Name of the work	No. of works	Estimate amount (in Lakhs)
1	Cement concrete Check dam	76	1293.38
2	Boulder Check dam	0	0
3	Cabion Check dam	0	0
	TOTAL	76	1293.38
During the year 2022-2023, Following flood protection works will be taken up under MGNREGS			
Sl. No	Name of the work	No. of works	Estimate amount (in Lakhs)
1	Cement concrete Check dam	3	55.635
2	Boulder Check dam	0	0
3	Cabion Check dam	0	0
	TOTAL	3	55.635
5.	Watershed Development	<p>In Erode District, under District Watershed Development Project, watershed development is carried out in 5 Project with an estimate cost of about Rs.30 Crores per project. The Expenditure is incurred for</p> <p>I. Natural Resource Management (NRM): Under NRM Water Harvesting and Storage Structures like Farm Pond, Check Dams, Percolation Pond, Cattle Pond, Village Pond, Sunken Pond, Recharge Shafts etc are being constructed to improve the Ground Water level.</p> <p>II. Farm Production System (FPS): The Livelihood of the Farmers in the Watershed can be improved by imparting Latest Technology to farmers by distribution of seeds, planting material, machinery equipments & Farm Implements at subsidised rates. This help to improve the production and productivity of crops and aids in increasing the income of farmers.</p> <p>III. Livelihood Support System (LSS): These are</p>	

		<p>possibilities of identifying Self-Help Groups in Village and Grant- in - aid can be given to Land less labours of the Watershed which includes distribution of Tailoring machines, Saloon chairs etc based on the requirement. Also, revolving fund can be distributed to the viable Self-Help Groups which will help the empowerment of womens and Landless Labours in the watershed.</p> <table border="1"> <thead> <tr> <th>Sl. No</th> <th>Component</th> <th>Phy Target</th> <th>Phy Achmt</th> <th>Fin.Target (Rs. in Lakhs)</th> <th>Achievement (Rs. in Lakhs)</th> </tr> </thead> <tbody> <tr> <td colspan="6">Natural Resource Management (NRM)</td> </tr> <tr> <td>1</td> <td>Check Dam</td> <td>5</td> <td>5</td> <td>15.940</td> <td>15.940</td> </tr> <tr> <td>2</td> <td>Farm Pond</td> <td>1</td> <td>1</td> <td>0.500</td> <td>0.236</td> </tr> <tr> <td>3</td> <td>Village Pond</td> <td>4</td> <td>4</td> <td>13.000</td> <td>12.335</td> </tr> <tr> <td>4</td> <td>Recharge Shaft</td> <td>3</td> <td>3</td> <td>1.200</td> <td>1.052</td> </tr> <tr> <td></td> <td>Total</td> <td>13</td> <td>13</td> <td>30.640</td> <td>29.563</td> </tr> </tbody> </table>	Sl. No	Component	Phy Target	Phy Achmt	Fin.Target (Rs. in Lakhs)	Achievement (Rs. in Lakhs)	Natural Resource Management (NRM)						1	Check Dam	5	5	15.940	15.940	2	Farm Pond	1	1	0.500	0.236	3	Village Pond	4	4	13.000	12.335	4	Recharge Shaft	3	3	1.200	1.052		Total	13	13	30.640	29.563
Sl. No	Component	Phy Target	Phy Achmt	Fin.Target (Rs. in Lakhs)	Achievement (Rs. in Lakhs)																																							
Natural Resource Management (NRM)																																												
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4	Recharge Shaft	3	3	1.200	1.052																																							
	Total	13	13	30.640	29.563																																							
6.	Rainwater Harvesting Structure	<p>Rainwater harvesting is to be emphasized since the harvested rainwater is immense use to the forming community. There are numerous natural gullies in the identified project areas.</p> <p>For example: In Thalavady block there is a gully from kongahalli to Doddahazanur about 10 km length and there is possibility to construct 25 Check Dam across the gully. By construction of these Check Dams, the water flow to chickola and sornavathy dam of Karnataka will be curtailed and the rain water harvested by these structures will be useful to the farmers of Thalavady an average about 200 Check Dams can be constructed in all the fine watersheds to with an estimate cost of Rs.10 - 15 Crores. There is also scope for construction of Farm ponds, Cattle ponds, Percolation ponds and Recharge Shafts in the Watershed area about 5000 Hec of land will be benefitted by this water harvesting structure for year. Also the rain water can harvest by creation of Field bunds in Nambiyur Block and Contour bunds in Thalavady. Contour stone walls will be useful in Ammapettai block.</p> <p>Hence, these Rain Water Harvesting structures are very much important for utilization of available rain water in an effective way.</p>																																										

6.(a)	Creation and maintenance of water harvesting structures	In order to overcome the water scarcity by way of increasing the ground water level by harvesting the runoff rain water, from the year 2021-22, maintenance works have been carried out in the already constructed 2,505 structures so far using the Agricultural Engineering Department owned machinery and the hire charges of Rs.5.49 crore has been remitted in to the Government account and works are under progress. During the current year, 100 new water harvesting structures like community ponds are to be created besides taking up maintenance works in 500 existing water harvesting structures created in various watersheds by Tamil Nadu Water shed Development Agency, by using Agricultural Engineering Department machinery at an outlay of Rs.2.75 Crores. This scheme is implemented in Erode District for the year-2024-25.
6(b)	Creation of low cost ground water recharge structures	Low cost ground water recharge structures developed by Tamil Nadu Agricultural University are to be taken up on pilot basis in 250 borewells / tube wells and open wells created in the clusters under the Kalaingar Scheme at an outlay of Rs.1 crore in the year 2024-25.
7.	Special Area Development Program (SADP)	<p>In Erode District SADP is implemented in Thalavadi taluk which has elevation of more than 600 M</p> <p>To save the natural resources in the hill area, Horticulture department of implementing a scheme of conservation of ecosystem by rejuvenating conventional seed high yielding varieties require more consumption of fertilizer and pesticides.</p> <p>It results, dangerous effect in Animals as well as ecosystems in the hill area. By adopting conventional method of farming without chemicals save the nature.</p> <p>In 2017-18, Organic farming has been promoted with awaited financial assistance in vegetables and new fruits. During the year 2022-23, FALLOW LAND CONVERSION IN TO ORGANIC FARMING CULTIVATION programme has been implemented in Hill area of Sathyamangalam block by Agriculture and Farmers welfare Department.</p>

		<p>The project includes activities like Supporting the farmers for bush clearance, training on cropping pattern, distribution of Tarpaulin to reduce post harvest loss, distribution of battery Sprayers for spraying IPM inputs, supporting to purchase milch animals and establish vermin-compost units.</p> <p>In next 3 years, Organic farming has to be promoted with awaited financial assistance in vegetables and new fruits.</p> <p>In Erode District SADP is implemented in Thalavadi taluk. The following 5 works were carried out by this division under SADP Scheme for the year 2021-22.</p> <ol style="list-style-type: none"> 1. Construction of check dam in SF.No. 338 & 339 of Thamilpuram near Madhahalli village in Thalavadi Taluk of Erode District. Est. Rs. 53.50 Lakhs 2. Construction of check dam in SF.No. 1242 of Honganpuram village in Thalavadi Taluk of Erode District. Est. Rs. 55.50 Lakhs 3. Construction of check dam in SF.No. 236 of Kalipuram in Iggalur village of Thalavadi Taluk in Erode District Est. Rs. 53.00 Lakhs 4. Construction of check dam in SF.No. 148/2 of Osakkuttai in Iggalur village of Thalavadi Taluk in Erode District. Est. Rs. 55.80 Lakhs 5. Construction of check dam in SF No. 68/1, 2 & 3 near PawaralThottam in Chikkahalli village of Thalavadi Taluk in Erode District. Est. Rs. 63.40 Lakhs <p>In Erode District SADP is implemented in Thalavadi taluk. The following 6 works were carried out by this division under SADP Scheme for the year 2022-23.</p> <ol style="list-style-type: none"> 1. Restoration and Conservation of checkdam in SF.No. 63/1, 2 & 3 near Hosur in Thalavadi village of Thalavadi Taluk in Erode District. Est. Rs. 22.25 Lakhs 2. Restoration and Conservation of checkdam in SF.No. 259 of Chimitahalli in Madhahalli village of Thalavadi Taluk in Erode District. Est. Rs. 19.95 Lakhs 3. Rehabilitation and Conservation of Checkdam (2
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		<p>Nos) in SF.No. 74 & 78 of Dhottamudukarai village of Thalavadi Taluk in Erode District.Est.Rs.24.65 Lakhs</p> <ol style="list-style-type: none"> 4. Restoration and Conservation of checkdam in SF.No. 337 of Tamilpuram in Madhahalli village of Thalavadi Taluk in Erode District.Est.Rs.17.25 Lakhs 5. Restoration and Conservation of Pond (2 Nos) in SF.No. 97 & 77 near Arulvadi in Mallanguli village of Thalavadi Taluk in Erode District.Est.Rs.26.20 Lakhs 6. Restoration and Conservation of checkdam in SF.No. 320 of Thiginarai village of Thalavadi Taluk in Erode District.Est.Rs.9.75 Lakhs 7. Restoration and Conservation of checkdam in SF.No. 1070 near Arulvadi in Mallanguli village of Thalavadi Taluk in Erode District.Est.Rs.27.30 Lakhs 8. Restoration and Conservation of Pond in SF.No. 104 of Thiginarai village of Thalavadi Taluk in Erode District. Est.Rs.26.15 Lakhs <p>In Erode District SADP is implemented in Thalavadi taluk. The following 3 works were carried out by Bhavanisagar Dam division (WRD) under SADP Scheme for the year 2023-24.</p> <ol style="list-style-type: none"> 1. Construction of checkdam in SF.No.825 of near Metalvady Hosur in Mallanguli village of Thalavadi Taluk in Erode District.Est.Rs.34.40 Lakhs. 2. Construction of checkdam in SF.No.329 of near Arulvady in Mallanguli village of Thalavadi Taluk in Erode District.Est.Rs.34.25 Lakhs. 3. Construction of checkdam in SF.No.14/3 near KulathuThottam in Mallanguli village of Thalavadi Taluk in Erode District.Est.Rs.36.50 Lakhs. <p>It results, ground water were recharged in the adjacent hamlets around it. This projects were also fulfill the drinking water needs of the village the cattle water requirements and also useful for agriculture, and also generate the employment opportunity for the poor village people.</p>
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8	IAMWARM (Irrigated Agricultural Modernization and Water Bodies Restoration and Management Project)	<p>A Novel scheme IAMWARM is to be implemented from the year 2018-19 in Erode District covering an ayacut area of 9968 Ha under 12 blocks in Lower bhavanisubbasin. In the year 22-23, about 13 Farmer field schools on crop stages had been conducted under an outlay of 2.6 lakhs covering about 320 farmers.</p> <p>After completion of this scheme the total ayacut area of farmers of Erode District will well versed with new innovative technologies of crops. Farmers were trained cultivating crops with minimum use of water.</p> <p>The Successful implementation of the 'Irrigated Agriculture Modernization and water bodies Restoration and management project' (IAMWARM) has enabled to take up a second phase during 2018-2019 with loan assistance from the World Bank at an estimated cost of Rs.3,042crore. This phase will cover 66 other sub-basins in 29 Districts. Rehabilitating 4,778 tanks and 477 anicuts and benefiting 5.43 Lakhs hectares of ayacut lands. The Lower Bhavani Sub basin is one among the 66 Sub basins taken for implementations of the IAMWARM II Project and it is one of the 18 Sub basins selected under phase I of the project.IAMWARM II Project in Erode District</p> <p>The Bhavani Sub Basin includes Upper Bhavani and Lower Bhavani.</p> <p>The Lower Bhavani sub basin comes under Erode District which includes 27 Anicuts, 15 tanks, and 2 Channels and the rehabilitation works is split into 7 packages There are 31 Nos of Harnessing anicutslies in Lower Bhavani Sub Basin. In which 4 Nos of Harnessing Schemes are not functioning well and enough quantum of seepage water is not realized in these anicuts. Hence, these 4 Anicuts are not included in the proposal. The remaining 27 Anicuts have been proposed for rehabilitation in IAMWARM II Phase I in Lower Bhavani Sub Basin. The total Ayacut of these 27 Anicuts 15 tanks, and 2 Channels is 9968.42 Ha.</p> <p>In Erode District the Rehabilitation works under</p>
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		<p>IAMWARM –II is split into 7 packages which includes 27 Anicuts, 15 tanks, and 2 Canal systems. The total cost works out to Rs. 3807.00 Lakhs.</p> <p>REHABILITATION WORKS PROPOSED IN THE ANICUTS AND CHANNELS.</p> <p>The following works were completed as per the estimate.</p> <ol style="list-style-type: none"> 1.The Scrub jungle in the Anicuts foreshore and surplus course were cleared. The supply channel wasdesilted to the required section. 2.The banks of the streams in the upstream sides of the anicutstandardised with conveyed earth spreaded, consolidated by power roller to the required compaction density. The slopes of the banks maintained as per standards. The top width of the bund kept 3.50m for enabling the movement of the Inspection vehicles and conveyance of agriculture products by the local farmers. 3.The Damaged sluices in all the anicut channels reconstructed by dismantling the old RR masonry structures. The reconstruction of Sluices were constructed as per the Designs and the damaged wooden shutters in the sand vent ,outlet and head sluices were replaced by providing steel Screw gearing shutters. 4.The Damaged Road culverts in all the anicut channels were reconstructed. 5.For the bed and sides of the canal concrete lining has been done as per the design. 6. Retaining walls were constructed in the required portions of the canal. <p>All of the above mentioned works in the proposed estimates were completed.</p> <p>The implementation of this project will help to bridge the gap between the water demand for irrigation and the Water Potential available, improve the conveyance efficiency and equitable distribution. It will be able to integrate the farmers into one unit as WUA, thereby facilitating the transit of O & M responsibility to farmers in</p>
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		<p>the Sub Basin. This project will surely help to ensure efficient water management besides to increase the agriculture productivity and socio economic condition of the farming community.</p> <p>No works were carried out for the year 2021-22 by this division under IAMWARM (Irrigated Agricultural Modernization and Water Bodies Restoration and Management Project).</p>
8(A)	TNIAMP (Tamilnadu Irrigated Agriculture Modernization Project)	<p>A Novel scheme TNIAMP implemented in lower bhavani sub basin (from the year 2018-19 to 2022-23) and MetturNoyyal confluence (2019-20 to 2022-23) in Erode District this scheme will be covered total area of 16943 Ha Ayacut area of 12 blocks with the allocation of Rs.272.6/- Lakhs budget for agronomic interventions like crop demonstrations, Farmer cluster formation and paddy SRI with Green manure seed are some of the implemented during this year with an estimated cost of Rs.68.025 lakhs 658 Numbers of demonstrations were planned the scheme is being implemented in areas where the Public Works Department (PWD) and Water Resource Organization (WRO) is taking up their renovation and other works in selected irrigation projects.</p> <p>Year 2022-23 with an estimated cost of Rs.24.7 lakhs 225 Numbers of demonstrations and 13 FFS had implemented in areas. In the year 2023-24, with an estimated cost of R. 20 La 13 FFS and other development activities, demonstrations had been implemented. In the year 2024-25 Rs. 15 La has been allotted and the activities are in progress. FFS where the Public Works Department (PWD) and Water Resource Organization (WRO) is taking up their renovation and other works in selected irrigation projects.</p> <p>After completion of this scheme the total ayacut area of farmers of Erode District will well versed with new innovative technologies of crops. Farmers were trained cultivating crops with minimum use of water.</p> <p>In Erode District the Rehabilitation works carried out under</p>

		<p>TNIAMP Phase I and Phase- II which includes 27 Anicuts, 15 tanks, and 3 Canal systems.</p> <p>For the year 2020-21, In lower Bhavani sub basin 546 farmers were benefited with 61.16 lakhs and in MetturNoyal sub basin 723 farmers with 58.68 lakhs.</p> <p>REHABILITATION WORKS PROPOSED IN THE ANICUTS AND CHANNELS.</p> <p>The following works are proposed in the estimate.</p> <ol style="list-style-type: none"> 1. The Scrub jungle in the Anicuts foreshore and surplus course is proposed to be cleared. The supply channel will be desilted to the required section. 2. The banks of the streams in the upstream sides of the anicut will be standardised with conveyed earth spreaded, consolidated by power roller to the required compaction density. The slopes of the banks will be maintained as per standards. The top width of the bund will be kept 3.50m for enabling the movement of the Inspection vehicles and conveyance of agriculture products by the local farmers. 3. The Damaged sluices in all the anicut channels will be reconstructed by dismantling the old RR masonry structures. The reconstruction of Sluices are proposed as per the Designs and the damaged wooden shutters in the sand vent ,outlet and head sluices are proposed to be replaced by providing steel Screw gearing shutters. 4. The Damaged Road culverts in all the anicut channels will be reconstructed by dismantling the old RR masonry structures. 5. The bed and sides of the canal have been proposed concrete lining. The linings are proposed as per the design. 6. Retaining walls are proposed in the required portions of the canal. <p>Since this scheme had been implemented help to bridge the gap between the water demand for irrigation and the Water Potential available, improve the conveyance efficiency and equitable distribution. It will be able to integrate the farmers into one unit as WUA, thereby facilitating the transit of O& M responsibility to farmers in</p>
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		<p>the Sub Basin. This project surely helps to ensure efficient water management besides to increase the agriculture productivity and socio economic condition of the farming community.</p> <p>For the year 2023-24, 100 ha Crop Demonstration conducted by 132 farmers given an assistance of 20 lakhs by the Horticulture Department</p>
9	Chief Minister's Scheme of Solar Powered Pumpsets	<p>To meet the energy demand for lift irrigation of farmers, off-grid stand alone solar powered pumping systems are being provided to the farmers with subsidy assistance under "Chief Minister's Scheme of Solar Powered Pumpsets. Under this scheme from the year 2021-22 to 2023-24, and 2,000 solar powered pumpsets were installed for the farmers with a subsidy assistance of Rs.43.10 crore.</p> <p>It is proposed to provide 1,000 solar powered pumpsets upto 15HP capacity with 70% subsidy assistance to the farmers of small, marginal, SC, ST category and 60% subsidy assistance to the other category farmers in the current year with a total subsidy outlay of Rs.24.21 crore, of which, the Union Government Share is Rs.10.68 crore and the State Share is Rs.13.53 crores. Also, an additional 10% top-up subsidy is to be provided to the small and marginal farmers of SC and ST category. This programme is to be implemented in Erode District for 2024-25-as per guide lines given.</p> <p>Installation of Solar Drying Units:</p> <p>Drying the Agricultural produces in hygienic condition and in lesser time is the biggest challenge faced by farmers. In order to retain more of nutritional value and to have better appearance and there by enhancing the marketability, drying agricultural produces at optimum temperature and in a shorter amount of time is required. Always there is a huge demand for dried produce of crops like Coconut, Chillies, Tomato,Moringa leaves, Maize,Garlic, Ginger, Curry Leaves, Fruits like Banana,Papaya. The use of solar power addresses the above challenges faced in drying.</p>

		<p>Hence to benefit the farmers and farmers group to get more income from the produce and to promote the utilization of solar energy, poly carbonate sheet covered green house type solar drying units are promoted to the farmers. The subsidy assistance from 2014-15 to 2024-25 by Agricultural Engineering Department under NADP AND SMAM is given to the farmers. The programme is to be operated with the guidelines of SMAM during the year 2024-2025.</p> <p>Solar Powered Fencing</p> <p>To protect agricultural crops from animals,solar fencing units of 5 lines, 7 lines and 10 linesof fence wire for all animals exceptelephantsand additional hanging type solar fencing units that can drive away elephants, will be installed in the individual farmer’s field under National Agricultural Development Programme with 50%subsidy assistance with a financial outlay of Rs.2crore.</p> <p>Soil and Water Conservation</p> <p>The State Government is aiming at achieving the Sustainable Development Goals (SDG) before 2030 by implementing various schemes. To restore water related eco system,to give importance for rain water harvesting and to implement the water resource management which is the 6th goal of SDGs, various soil and water conservation and water management schemes are implemented by the Agricultural Engineering Department.</p>
9(a)	Kalaigharin Village Integrated Agricultural Development Programme	<p>All</p> <p>This scheme is being implemented from 2021-22 in the selected Anaithu Grama Anna Marumalarchi Thittam villages with 100% State share assistance.In the past three years, this scheme was implemented in 7,705 villages through out Tamil Nadu.</p> <p>Under the component, creation of water source for dry land clusters, so far, 916 wells have been newly created and installation of Electric/ Solar powered pumpsets is being done.For the creation of water source for Individual SC/ST–small and marginal farmers, so far 1,306 wells have been newly created.</p>

		<p>To harvest the rainwater in their own land by farmers, so far 1,759 farm ponds were created. Under the component to rehabilitation. Improvement works in panchayat union minor irrigation tanks, ooranies, ponds, supply channels and other water harvesting structure-5,731 have been desilted so far. The works are under progress. Power Tillers were distributed with subsidy assistance to 1,526 farmers. Also, for the 2024-25 programme, this scheme is to be implemented in 2,482 villages at an outlay of Rs.61.02 crore, for which the preliminary works are under progress.</p> <p>During the year 2024-25-in Erode District 42 villages are selected for creation of water sources in dry land clusters and the process of identification and formation of fallow land clusters are in progress.</p>
9.	<p>Clearing & Widening Drainage Carriers Original Standards to</p>	<p>Perumpallam Odai:</p> <p>1841 encroachments have been evicted in perumpallam odai by providing alternate houses which are constructed by TNUHDB. Development of perumpallam odai works under smart city is under progress by way of deepening removal of silt and formation of bunds for smooth flow of water. Besides 1856 encroachments by way of construction of houses will be removed by allotting alternate house sides to encroachers</p> <p>At present Under Smart City Rs.14.10 Cr. has remitted to TNUHDB as Beneficiary Contribution for allotment of 1306 houses constructed in nallagoundenpalayam scheme for relocation of Perumpallam odai enchrochers.</p> <p>Restoration of Odai to its original position by desilting, widening and strengthening of bunds.</p> <p>Under Smart City mision the Odai deepening work is under progress. As of now 6210M length of Retaining wall has been constructed, 2Nos of Bridge has been constructed across the Odai and 16 nos of Drop structures has been constructed for ground water table increase in perumpallam odai surrounded area.</p>

		<p>Pichaikkaranpallam Odai:</p> <p>450 encroachments by way of construction of houses will be removed after rehabilitating the encroached persons by providing alternate house sites.</p> <p>Restoration of Odai to its original position by desilting, widening and strengthening of bunds.</p> <p>The Odai proposed to deepened; odai banks proposed to construct to ensure smooth flow of flood water.</p> <p>Sunnambu Odai:</p> <ol style="list-style-type: none"> 1. The Odai will be cleaned and deepened. 2. The bunds will be strengthened and Odai will be widened to ensure smooth flow of flood water. <p>Keeripallam Odai in Gobichettipalayam Municipality:</p> <p>In this water course there are 450 encroachments. These encroachments are houses constructed by poor people. The construction of houses for these encroachers in alternative sites has been sanctioned and construction orders are already issued. After completion of construction of houses in the alternate sites, the encroachments will be removed. The Odai will be cleaned, widened, desilted to its original position. Thereby flash floods and water logging in residential areas will be curtailed.</p>
10.	Instream Reservoirs	<p>The Tamilnadu Government has accorded the administrative sanction vide G.O.(D) No: 78, dt 28.03.2018 for Rs.6420.00 Lakhs and technically sanctioned vide CER No.3CE/CBE/2018-19 for forming a Tank across jungle stream in Kanakkampalayam village in Gobi Taluk of Erode District.</p> <p>It is proposed to divert the Reserve forest Land of 35.80 Hect. for this project. For diversion of 35.80 Hect.of forest land to PWD which in turn 73 Hect. of poromboke land has to be handed over to the Forest Department. In this regard, the compensatory poromboke land has been identified adjacent to forest land in S.F.No.2144/17 of Bargur 'A' village of AnthiyurTaluk by the Revenue Department. Regarding this, the District Collector, Erode District have given concurrence to obtain the</p>

		<p>Administrative sanction for this scheme and also concurrence for the Land acquisition vide Lr.No.12791/2015/A6/Dt. 11.06.2015.</p> <p>As a User Agency for seeking approval of Central Government for Diversion of forest area, the proposal was submitted online vide Proposal No.FP/TN/IRRIG/25052/2017 and this proposed project is also recommended by the Forest department. As the proposed project comes under the Sathyamangalam Tiger reserve, Permission from the National Tiger Conservation Authority has also been obtained. Regarding the felling of trees, Interim Petition (I.A.No.96990, 96992/2019) has been filed in the Hon'ble Supreme Court to issue appropriate directions modify the judgment of this Hon'ble court dated 12.12.1996 in Writ petition (civil no.202/1995 and 171/1996) which states that there will be complete ban on felling of trees which have grown spontaneously in forest area in the state of Tamilnadu. Pursuant to the above order any felling of trees which have grown spontaneously require prior permission of this Hon'ble Supreme Court which is pending.</p> <p>The Central Empowered Committee constituted by the Honble Supreme court visited the tank scheme on 04.09.2019 and submit the report not to cut 1518 number of trees in the Sathyamangalm Tiger reserve. So a withdrawal petition is filed in the Honble Supreme Court to drop the Scheme on 08.12.2020. Awaiting the orders. The Government has been dropped this scheme vide G.O.2D.No.30 Water Resources (S1) Department, dated 11.05.2022.</p>
11.	Construction of check dams across jungle streams.	<p>Talavady is located in the western hill area bordering Mysore and Samrajnagar of Karnataka State. Talavady received more rains this year. Most of the tanks have been renovated, desilting, cleaned, bunds strengthened with the active participation of local public and NGOs. The State Government have also renovated six major tanks in a flood protection scheme. In a flood water protection measure</p>

		<p>and water conservation measure, the State Government through PWD has sanctioned construction of check dam at Bainapuram at an estimated cost of Rs.1.94 Crores under Special Area Development Programme and under Planning Commission construction of five check dam at Konhalli (Rs.1.65 Crores), Hassanur (Rs.10.00 Lakhs), Thiginarai (Rs.10.00 Lakhs), Mallankuli (Rs.10.00 Lakhs), Sothanpuram (Rs.10.00 Lakhs) at total an estimated cost of Rs.2.05 Crores. These construction of tanks project in next 5 years will certainly reduce the flood impact and also helpful to farmers and improve ground water recharge.</p> <ol style="list-style-type: none"> 1. Construction of check dam across Gunderipallamodai in S.F.No.241/1 of Kongarapalayam village in Gobi taluk in Erode District. 2. Construction of check dam across Gunderipallamodai in S.F.No.10 of Kongarapalayam village in Gobi taluk in Erode District. 3. Construction of check dam across Perumpallamodai in S.F.No.64 of Periyakodiveri village in Gobi taluk in Erode District.Est.Rs.7.80 Crore. 4. Construction of cascade of check dams from Bhavanisagar dam to Kalingarayan anicut of Erode District- Checkdam across Bhavani river in SF. no 111 of Kuppandampalayam village in Anthiyur taluk of Erode District.Est.Rs.18.61 Crore. 5. Construction of cascade of Checkdam across Jungle stream in S.F .No 198 of Kuppandampalayam Village in Anthiyur Taluk of Erode District. Est.Rs.2.72 Crore 6. Construction of cascade of Checkdam across Narayana KombupallamOdai in S.F .No 317 of Athani Village in Anthiyur Taluk of Erode District Est.Rs.1.52 Crore <p>It results, ground water were recharged in the adjacent hamlets around it. This projects were also fulfill the drinking water needs of the village the cattle water</p>
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		<p>requirements and also useful for agriculture, and also generate the employment opportunity for the poor village people.</p> <p>The State Government through WRD has sanctioned checkdams at an total estimated cost of Rs.55.3734 Crores. These Construction of checkdams project in next 5 years will certainly reduce the flood impact and also helpful to farmers and improve ground water recharge.</p> <p>1. Construction of cascade of check dams from Bhavanisagar dam to Kalingarayan anicut of Erode District-checkdam across Bhavani river in SF no 392 of Aalathukombai village in Sathy Taluk. Est.Rs.21.1342 Crore.</p> <p>2. Construction of cascade of check dams from Bhavanisagar dam to Kalingarayan anicut of Erode District-Checkdam across Bhavani river in SF. no 322 of Arakkankottaikarai village in Gobi Taluk of Erode District. Est.Rs.15.2902 Crore.</p> <p>3. Construction of cascade of check dams from Bhavanisagar dam to Kalingarayan anicut of Erode District-checkdam across Bhavani river in SF no 557 of Vaniputhur B village at Kasipalayam in Gobi Taluk of Erode District. Est.Rs.18.9490 Crore.</p>
12.	Kudimaramatu works	<p>Under this scheme the desilting of tanks, ponds, Ooranies, small water courses, desilting supply channels and river courses are taken up with a financial out lay of Rs.7.70 Crores in 47 works during 2018-2019.</p> <p>As per Government order 1161.05 Crores have been allotted for 45 works for 2019-20 and they works were completed</p> <p>As per Government order 1474.85 Crores have been allotted for 45 works for 2020-21 and and they works were completed.</p> <p>Every year, this scheme will be implemented with an estimated out lay of Rs.10 to 15 Crores.</p>
13.	Athikadavu- Avinashi project	<p>Athikadavu - Avinashi Pumping Scheme is an irrigation, ground water Recharge and drinking water supply scheme</p>

		<p>on DBOT (Design Built Operate and Transfer) basis, commissioning of the entire system and follow-on Operation & Maintenance for 60 months. The project envisages to divert 1.50 TMC of surplus water from the Bhavani River in the downstream of Kalingarayan Anicut by pumping through pipelines for 70 days in a year at the rate of 250 cusecs to feed 1045 Nos. of tanks / Ponds (32 Nos. of WRD tanks, 42 Nos of Union tanks and 971 Nos of village ponds) to benefit the drought prone and ground water depleted areas of Coimbatore, Tiruppur and Erode Districts for the benefit of an irrigable area of 24,468 acres</p> <p>PROJECT DETAILS:</p> <ol style="list-style-type: none"> 1. Diversion Weir across Bhavani River and six Pump Houses in Bhavani, Nallagoundenpalayam, Thiruvachi, Polanaickenpalayam, Emmampoondi & Annur had been constructed. 2. Laying of Rising Main pipelines (MS Pipe) has been fully completed for a length of 106.80km. Laying of Feeder Main pipelines (MS pipe & HDPE Pipe) has been fully completed for a length of 958.50 km. 3. Installation of Outlet Management System (OMS) in Tanks/Ponds has been fully completed. (Total Scope of OMS = 1045 Nos). 4. At present, Testing and Trial runs have been completed. As the monsoon rains have been started, there is surplus water available in the Kalingarayan Anicut in Bhavani River. The scheme is launched for public use on 17.08.2024.
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Plan of action to implement the revised goals for the above disasters:

Based on the severity, Flood/Flash Flood, Drought, hailstorm disasters were identified as major disasters in Erode District. The present DDMP goals aim to adopt proactive measures at District level by all the Government departments to prevent disaster and mitigate its effects.

FLOOD / FLASH FLOOD

Hazard and Vulnerability Assessment

Erode District is moderately prone to floods and flash floods. Based on the details of past flood and flash flood details collected and the instructions of Principal Secretary / Commissioner of Revenue Administration, the criteria for the classification of Vulnerable areas have been applied to the already identified Vulnerable areas. After applying the new nomenclature in Erode District the below mentioned Vulnerable areas have been grouped. The details of 132 Vulnerable Villages for Flood and Rain in Erode District have been collected and Firka level Vulnerability map (Rural and Urban) also prepared to make disaster management work easier.

List of Vulnerable Areas for Flood in Urban Areas (64) in Erode District

S.No	Name of the Taluk	Name of Revenue Village for rural areas / Ward for urban areas	Source of flood	Causes of flooding
1	Erode	Ward No.17 Kandhaiyan Thottam-Malligai Nagar	River Cauvery	Surplus water release
2	Erode	Ward No.45 - Ashokapuri	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
3	Erode	Ward No.45 - Central Threatre area	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
4	Erode	Ward No.7 - Vairapalayam	River Cauvery	Surplus water release
5	Erode	Ward No.60	River Cauvery	Surplus water release
6	Erode	Annai Sathiya Nagar	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
7	Erode	Nesavalar colony	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
8	Erode	Kamarajar street, Nadar Medu	Rain	Poor carrying capacity of the drainage
9	Modakkurichi	Ward No.3 Kosalai, Keerikalkadu	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream

				causing rainwater to enter the nearby residences.
10	Modakkurichi	Ward No.15 Gandhi Street, Naduppalayam	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
11	Modakkurichi	Ward No.12 Komarapalayam	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
12	Modakkurichi	Ward No.13 Vadapalani Ad Colony	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
13	Modakkurichi	Wardno.4 A.D NEW COLONY	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
14	Modakkurichi	Ward No.15 Pungadu Thirumangalam Main Street	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
15	Modakkurichi	Aval Poondurai B Village Mettur Mandhai	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
16	Kodumudi	Ward No.2	River Cauvery	Surplus water release
17	Kodumudi	Ward No.2 Chennasamudaram	River Cauvery	Surplus water release
18	Kodumudi	Ward No.5- Vadakku Theru	River Cauvery	Surplus water release
19	Kodumudi	Ward No.9 - Eluppu Thoppu	River Cauvery	Surplus water release
20	Kodumudi	Ward No.11	River Cauvery	Surplus water release
21	Kodumudi	Ward No.2	River Cauvery	Surplus water release

22	Perundurai	Kadappamadai, SIPCOT, Perundurai	Rain	Lack of proper drainage because of the terrain
23	Bhavani	Ward No.4 - Kanthan Pattarai	River Bhavani and Cauvery	Surplus water release
24	Bhavani	Ward No.4 - Pumping Station Back Side	River Bhavani and Cauvery	Surplus water release
25	Bhavani	Ward No.8 - Somasundarapuram	River Bhavani and Cauvery	Surplus water release
26	Bhavani	Ward 13 PALANIPURAM 1ST AND 4TH STREET	River Bhavani and Cauvery	Surplus water release
27	Bhavani	Ward No. 20 PASUVESHWARAR STREET	River Bhavani and Cauvery	Surplus water release
28	Bhavani	Ward No.21 - Thandai Periyar Street	River Bhavani and Cauvery	Surplus water release
29	Bhavani	Ward No.21 - Keeraikkara street	River Bhavani and Cauvery	Surplus water release
30	Bhavani	Ward No. 22- Old Bus Stand	River Bhavani and Cauvery	Surplus water release
31	Bhavani	Ward No. 22- Makkan Street	River Bhavani and Cauvery	Surplus water release
32	Bhavani	Ward No.25 Kalthozhilalar street	River Bhavani and Cauvery	Surplus water release
33	Bhavani	Ward No. 26 - Srinavasapuram	River Bhavani and Cauvery	Surplus water release
34	Bhavani	Ward No. 26 - Royal Theater Road	River Bhavani and Cauvery	Surplus water release
35	Bhavani	Ward No.27 Palakkarai street	River Bhavani and Cauvery	Surplus water release
36	Bhavani	Ward No.09	River Bhavani	Surplus water release
37	Bhavani	Ward No.9	River Bhavani	Surplus water release
38	Bhavnai	Ward No.10	River Bhavani	Surplus water release
39	Gobichetti palayam	Ward No.16 - Perumalsamy Nagar	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
40	Gobichetti palayam	Ward No.16 - Sakthi Nagar, (Keeripallam Odai)	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
41	Gobichetti palayam	Ward No.17 - Amman Nagar	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
42	Gobichetti palayam	Ward No.17 - Subbannan Street, (Keripallam Odai)	Rain	Rainwater and LBP canal surplus water have entered the nearby residences

43	Gobichetti palayam	Ward No.17 - Kabilar Street	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
44	Gobichetti palayam	Ward No.22- Sivashanmugam Street	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
45	Gobichetti palayam	Ward No.22- S.D.N. Colony	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
46	Gobichetti palayam	Ward No.25 Sleater house Street	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
47	Gobichetti palayam	Ward No.25 - Nanjappa Street	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
48	Gobichetti palayam	Ward No.25 - Venkadachalam Pettai, (Keeripallam Odai)	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
49	Gobichetti palayam	Ward No 26 SAMINATHAPURAM	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
50	Gobichetti palayam	Ward No.27 SEETHALAKSHMIPURAM	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
51	Gobichetti palayam	Ward No 30 ANNA NAGAR	Rain	Rainwater and LBP canal surplus water have entered the nearby residences
52	Anthiyur	Ward No.12	River Bhavani	Surplus water release
53	Anthiyur	Ward No.10	River Cauvery	Surplus water release
54	Anthiyur	Ward No 2	River Cauvery	Surplus water release
55	Anthiyur	Maavilakku Mariyamman Kovil Street	Varattupallam Dam	Surplus water release
56	Anthiyur	Kannapan kinatru street	Varattupallam Dam	Surplus water release
57	Anthiyur	Nehru Street	Varattupallam Dam	Surplus water release
58	Nambiyur	Ward No.6	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.

59	Nambiyur	Ward No.14 - Rajeev Gandhi Nagar	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
60	Sathya mangalam	Ward No.19- Pillaiyar Kovil Street	River Bhavani	Surplus water release
61	Sathya mangalam	Ward No .19- Muniyappa Kovil Street	River Bhavani	Surplus water release
62	Sathya mangalam	Ward No 21 - Mathimarathurai Veethi	River Bhavani	Surplus water release
63	Sathya mangalam	Ward No 21 - Mamarathurai Santhu	River Bhavani	Surplus water release
64	Sathya mangalam	Ward No 21 - Parisalthurai Veethi	River Bhavani	Surplus water release

List of Vulnerable Areas for Flood in Rural Areas (69) in Erode District

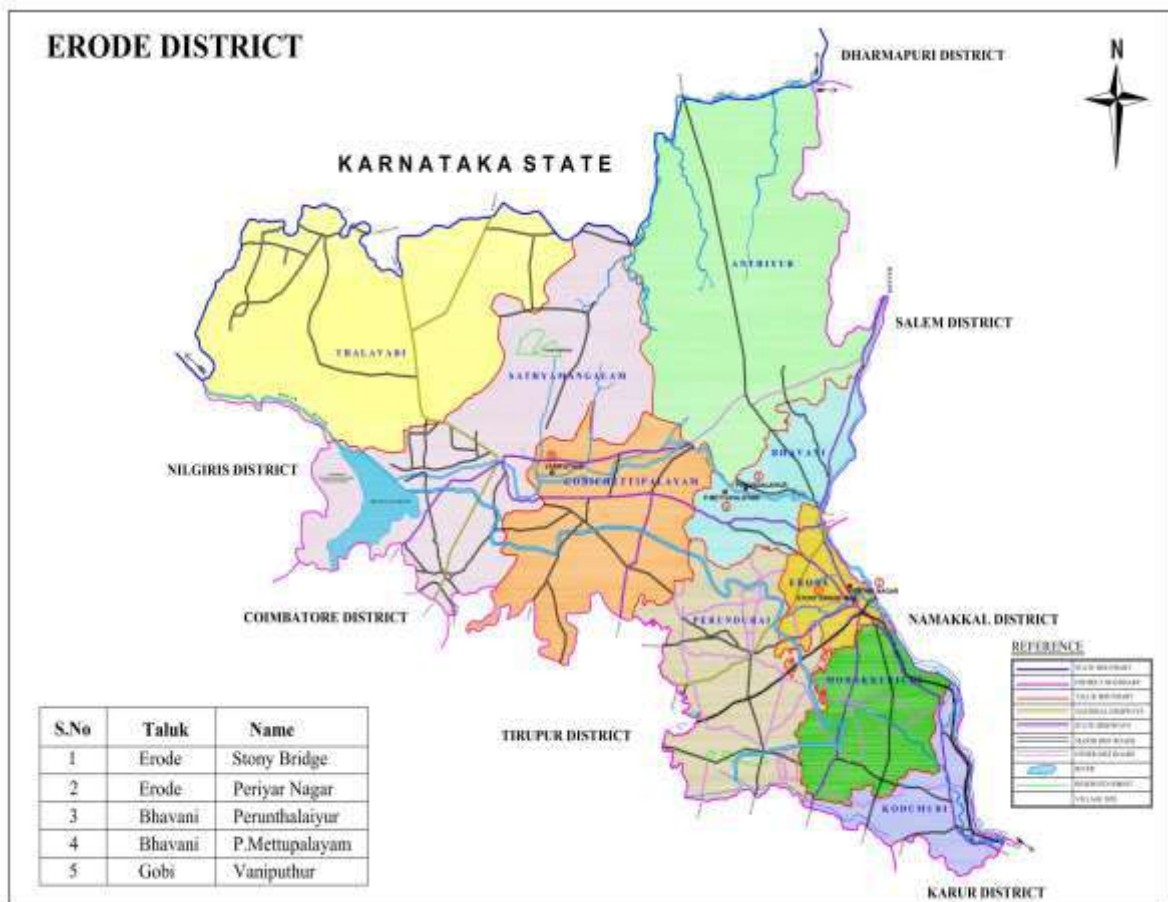
S.No	Name of the Taluk	Name of Revenue Village for rural areas /Ward for urban areas	Source of flood	Causes of flooding
1	Erode	Anainasuvam palayam	River Cauvery	River Bhavani and Cauvery
2	Erode	Anainasuvam palayam	River Cauvery	River Bhavani and Cauvery
3	Erode	Elavamalai - Padithurai	River Cauvery	Surplus water release
4	Erode	Elavamalai - Solamanthottam	River Cauvery	Surplus water release
5	Erode	Elavamalai Village, Sudukattudhurai	River Cauvery	Surplus water release
6	Erode	Elavamalai Village, Karupparayan Kovil	River Cauvery	Surplus water release
7	Erode	Elavamalai Village, Odai	River Cauvery	Surplus water release
8	Erode	Mettunasuvam palayam, Nattuvar Kadu	River Cauvery	Surplus water release
9	Erode	Mettunasuvam palayam Village, Kandasamy Thottam	River Cauvery	Surplus water release
10	Erode	Karaiellapalayam Village, Sudukattu dhurai	River Cauvery	Surplus water release
11	Modakkurichi	Kangayampalayam	River Bhavani	River Bhavani and Cauvery
12	Modakurichi	Punjai Lakkapuram Pokkuvarathu Nagar	Rain	Due to heavy rainfall, flooding has occurred in

				the drain/stream causing rainwater to enter the nearby residences.
13	Modakurichi	Punjai Kalamangalam B Kattur A.D. Colony	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
14	Modakurichi	Punjai Kaalamangalam 'B'	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
15	Modakurichi	Enjampalli	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
16	Kodumudi	Nanjai Kolanalli	River Cauvery	River Bhavani and Cauvery
17	Kodumudi	Kolathupalayam J.J.Nagar	Rain	Rain
18	Perundurai	Thiyagi kumaran Nagar, Mugsipidariyur, Chennimalai	Rain	Bushes and wastes obstructing the flow of water course
19	Perundurai	Ponmudi, Perundurai	Rain	Bushes and wastes obstructing the flow of water course
20	Perundurai	Kullampalayam, Perundurai	Rain	Bushes and wastes obstructing the flow of water course
21	Bhavani	Varadhanallur	Bhavani and Cauvery	Surplus water release
22	Bhavani	Sanniyasipatti	Bhavani and Cauvery	Surplus water release
23	Bhavani	Singampettai	Bhavani and Cauvery	Surplus water release
24	Bhavani	Kadappanallur	Bhavani and Cauvery	Surplus water release

25	Bhavani	Kesarimangalam	River Bhavani and Cauvery	Surplus release	water
26	Bhavani	Uratchikottai Kamatchi Amman Koil	River Bhavani	Surplus release	water
27	Bhavani	Uratchikottai Kamatchi Nethaji Street	River Bhavani	Surplus release	water
28	Bhavani	Kavundapadi Gandhi Nagar	River Bhavani	Surplus release	water
29	Bhavani	Serayampalayam	River Bhavani	Surplus release	water
30	Bhavani	Kavundapadi Vairamangalam Koompuhottam	River Bhavani	Surplus release	water
31	Bhavani	Kesarimangalam	River Bhavani and Cauvery	Surplus release	water
32	Anthiyur	Keelvani -Kallakattu Puthur Area	River Bhavani	Surplus release	water
33	Anthiyur	Kuppandampalayam Karuvalvadipudur	River Bhavani	Surplus release	water
34	Anthiyur	Kuppandampalayam Kamarajnagar	River Bhavani	Surplus release	water
35	Anthiyur	Moongilpatty-Meenavar street	River Bhavani	Surplus release	water
36	Anthiyur	Moongilpatty Mariyamankoil St	River Bhavani	Surplus release	water
37	Anthiyur	Moongilpatty Nadupillayar koil St	River Bhavani	Surplus release	water
38	Anthiyur	Moongilpatty Kamachi Amman	River Bhavani	Surplus release	water
39	Anthiyur	Periyar Nagar	Varattupallam Dam	Surplus water release	
40	Anthiyur	ASM Colony	Varattupallam Dam	Surplus water release	
41	Anthiyur	Bagavan Garden	Varattupallam Dam	Surplus water release	
42	Anthiyur	Amman Nagar	Varattupallam Dam	Surplus water release	
43	Anthiyur	Azhagan Nagar (Ravindran Hospital)	Varattupallam Dam	Surplus water release	
44	Anthiyur	Annamaduvu	Varattupallam Dam	Surplus water release	
45	Anthiyur	Neykarai, Settinodi	LANDSLIDE (Rain)	Heavy rain	
46	Gobichetti palayam	Nanjai Puliampatti	River Bhavani	Surplus release	water
47	Gobichetti palayam	Perumugai Adasapalayam	River Bhavani	Surplus release	water
48	Gobichetti palayam	Perumugai Sanjeevirayankulam	River Bhavani	Surplus release	water
49	Gobichetti palayam	Ammapalayam	River Bhavani	Surplus release	water

50	Gobichetti palayam	Ammapalayam Ganeshapuram Road	River Bhavani	Surplus water release
51	Gobichetti palayam	Mevani - Patel Veethi,	River Bhavani	Surplus water release
52	Gobichetti palayam	Mevani - Mariamman Kovil Veethi	River Bhavani	Surplus water release
53	Gobichetti palayam	Pariyur - Indra Nagar	River Bhavani	Surplus water release
54	Gobichetti palayam	Kongarpalayam Vinoba Nagar	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
55	Gobichetti palayam	Kongarpalayam MGR Nagar	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences..
56	Gobichetti palayam	Kongarpalayam Vaniputhur Shandi	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
57	Gobichetti palayam	Pariyur -Vathanakadu - Pathi road	River Bhavani	Surplus water release
58	Gobichetti palayam	Kugalur - Thalaikombu pudur	Rain	Drainage Problem
59	Sathya mangalam	Komarapalayam - FATHIMA NAGAR	River Bhavani	Surplus water release
60	Sathya mangalam	Alathukombai -Old Ration Shop Street	River Bhavani	Surplus water release
61	Sathya mangalam	Ikkarai negamam - MOOLAKKADAI	River Bhavani	Surplus water release
62	Sathya mangalam	Doddampalayam Devangapuram Amman koil street	River Bhavani	Surplus water release
63	Sathya mangalam	Doddampalayam Devangapuram KaruparayanKoil Street	River Bhavani	Surplus water release
64	Sathya mangalam	Doddampalayam Boyar Colony	River Bhavani	Surplus water release

65	Sathya mangalam	Makkinagombai Ganeshapuram Anna Nagar Area	River Bhavani	Surplus water release
66	Sathya mangalam	Mathampalaiyam - Kanakkarasam palaiyam	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
67	Sathya mangalam	Nallur	Rain	Due to heavy rainfall, flooding has occurred in the drain/stream causing rainwater to enter the nearby residences.
68	Thalavadi	Hasanur	Rain	Low Level Bridge issue
69	Thalavadi	Iggalur	Rain	Low Level Bridge issue



Short Term Goals – Flood Risk Reduction – 2017 -2030

As a part of Flood Risk reduction, the lists of vulnerable locations have been identified and the vulnerable maps at firka level prepared. Based on these data and maps the following can be regularized within 3 years period.

- 1) Encroachments in the flood ways and water bodies will be removed and will be monitored at regular intervals.
- 2) Prohibition of any fillings in Supply Channel and Distribution Channel of water bodies and to ensure free flow of water.
- 3) Specification of minimum elevation of sub division roads that they are above selected flood level.
- 4) Development of a community level flood warning sytem to make the people aware in the flood prone areas.
- 5) To impact various training programmms on
 - (i) Rescue operations;
 - (ii) First Aid Provisions to society;
 - (iii) Health Management to society;

Flood Risk Reduction - Term Goals – 2017 -2030

In Erode Corporation area, major water courses running are Perumpallam, Pichakaran Odai, Sunnambu Odai.

Perumpallam Odai:

1. Eviction of 3700 encroachments by way of construction of houses will be removed by providing alternate house sites to the encroached persons.
2. Restoration of Odai to its original position by desilting, widening and strengthening of bunds.
3. Under Smart City Plan, the Odai will be deepened; river banks will be constructed to ensure smooth flow of flood water.

1841 encroachments have been evicted in perumpallam odai by providing alternate houses which are constructed by TNUHDB. Development of perumpallam odai works under smart city is under progress by way of deepening removal of silt and formation of funds for smooth flow of head water. Besides 1856 encroachments by way of construction of houses will be removed by allotting alternate house sides to encroachers

383 encroachments by way of construction of houses will be removed after rehabilitating the encroached persons by providing alternate house sites.

Restoration of Odai to its original position by desilting, widening and strengthening of bunds.Under Smart City Plan, the Odai will be deepened; river banks will be constructed to ensure smooth flow of flood water.

Pichaikkaranpallam Odai:

1.450 encroachments by way of construction of houses will be removed after rehabilitating the encroached persons by providing alternate house sites.

2. Restoration of Odai to its original position by desilting, widening and strengthening of bunds.

3. Under Smart City Plan, the Odai will be deepened; river banks will be constructed to ensure smooth flow of flood water.

Sunnambu Odai:

1. The Odai will be cleaned and deepened.

2. The bunds will be strengthened and Odai will be widened to ensure smooth flow of flood water.

In this water course there are 450 encroachments. These encroachments are houses constructed by poor people. The construction of houses for these encroachers in alternative sites has been sanctioned and construction orders are already issued. After completion of construction of houses in the alternate sites, the encroachments will be removed. The Odai will be cleaned, widened, desilted to its original position. Thereby flash floods and water logging in residential areas will be curtailed.

13 water bodies in Erode Corporation Area:

There are 06 water bodies such as ponds and tanks in Erode Corporation area. All 06 water bodies have been completely desilted, renovated, bunds strengthened. These places will be improved as tourist spots by providing the basic amenities such as wide roads, parking area, toilet facilities. Water bodies will be continuously maintained and inlet, outlet channels will be desilted, cleaned and maintained.

Keeripallam Odai in Gobichettipalayam Municipality:

In this water course there are 450 encroachments. These encroachments are houses constructed by poor people. The construction of houses for these encroachers in alternative sites has been sanctioned and construction orders are already issued. After completion of construction of houses in the alternate sites, the encroachments will be removed. The Odai will be cleaned, widened, desilted to its original position. Thereby flash floods and water logging in residential areas will be curtailed.

Bhavani Municipality:

The risk areas are the adjoining area of banks of River Cauvery and River Bhavani. The major tasks are eviction of encroachments and protecting the river bank area from future encroachments. To achieve this goal, two Associations have been formed by name 1) Bhavani Protection Organisation and 2) Cauvery Protection Organisation with the active participation of NGOs, user community local public. With the help of these NGOs, cleaning of river, preventing encroachments, protecting

the river water from pollution will be carried out. Thousands of devotees visiting this town are causing pollution of two major rivers to a great extent. Awareness campaigns will be organised with the help of NGOs about protection of rivers from pollution with the active involvement of District Administration.

Construction of Vedhaparai Dam in T.N.Palayam:

With a view to avoid flash floods and also to conserve water, a major water conservation construction by name Vedhaparai Dam will be constructed at an estimated cost of Rs.68 Crores. The scheme is in initial stage.

Maintenance of existing 1647 water bodies of Erode District:

1647 water bodies comprising ponds, tanks, Ooranies, check dams, farm ponds are in Erode District. This year renovation, desilting, cleaning, deepening, strengthening of bunds etc., have been completed in respect of 386 water bodies.

Every year 300 water bodies will be taken up in a phased manner for renovation, desilting, cleaning deepening, strengthening of bunds etc., Cleaning and desilting of supply channels, distribution channels will be done with the active participation of user community and local public, Kudimaramath scheme and by various NGOs.

Maintenance of water bodies in Talavady hill areas:

Talavady is located in the western hill area bordering Mysore and Samrajnagar of Karnataka State. Talavady received more rains this year. Most of the tanks have been renovated, desilting, cleaned, bunds strengthened with the active participation of local public and NGOs. The State Government have also renovated six major tanks in a flood protection scheme. In a flood water protection measure and water conservation measure, the State Government through PWD has sanctioned construction of check dam at Bainapuram at an estimated cost of Rs.1.94 Crores under Special Area Development Programme and under Planning Commission construction of five check dam at Konhalli (Rs.1.65 Crores), Hassanur (Rs.10.00 Lakhs), Thiginarai (Rs.10.00 Lakhs), Mallankuli (Rs.10.00 Lakhs), Sothanpuram (Rs.10.00 Lakhs) at total an estimated cost of Rs.2.05 Crores. These construction of tanks project in next 5 years will certainly reduce the flood impact and also helpful to farmers and improve ground water recharge.

Watershed management programme in Anthiyur, Ammapettai and Nambiyur Panahcyat Union areas:

Year of 2017-2018, under Watershed Management Programme 119 check dams 97 farm ponds, at a cost of Rs.3.60 Crores will be taken up and work orders have also been issued. The construction of check dam with recharge pits involving user group and local community will avoid flood and also to conserve more water in check dam and recharging ground water.

Watershed management programme

In Erode District, under District Watershed Development Project, watershed development is carried out in 5 Project with an estimate cost of about Rs.30 Crores per project. The Expenditure is incurred for

I. Natural Resource Management (NRM): Under NRM Water Harvesting and Storage Structures like Farm Pond, Check Dams, Percolation Pond, Cattle Pond, Village Pond, Sunken Pond, Recharge Shafts etc are being constructed to improve the Ground Water level.

II. Farm Production System (FPS): The Livelihood of the Farmers in the Watershed can be improved by imparting Latest Technology to farmers by distribution of seeds, planting material, machinery equipments & Farm Implements at subsidised rates. This help to improve the production and productivity of crops and aids in increasing the income of farmers.

III. Livelihood Support System (LSS): These are possibilities of identifying Self-Help Groups in Village and Grant- in - aid can be given to Land less labours of the Watershed which includes distribution of Tailoring machines, Saloon chairs etc based on the requirement. Also, revolving fund can be distributed to the viable Self- Help Groups which will help the empowerment of womens and Landless Labours in the watershed.

Sl. No	Component	Phy Target	Phy Achmt	Fin.Target (Rs. in Lakhs)	Achievement (Rs. in Lakhs)
Natural Resource Management (NRM)					
1	Check Dam	5	5	15.940	15.940
2	Farm Pond	1	1	0.500	0.236
3	Village Pond	4	4	13.000	12.335
4	Recharge Shaft	3	3	1.200	1.052
	Total	13	13	30.640	29.563

Long Term goal for flash flood management:

There are 112 ground level bridges where roads are crossing the odai, streams etc., During rainy season flash floods causing stoppage of traffic for hours together and any person crossing the odai will bewashed away and thereby causing severe damage to men and materials. All these ground level bridges will be replaced by constructrion of elevated / high level bridges in a phased manner over a period of 10 years.

Hazard and Vulnerability Assessment

Erode District is located in rain shed area hence the rainfall is scanty and erratic in nature, results in severe drought during summer which leads to scarcity of water. Agriculturists suffer a lot by drought. Sometimes it may affect wild life survival. The animal behavior and movement is mainly influenced by the availability of water inside the forest.

Erode is under moderate to high risk zone for Drought Hazard. Invariably Drought affected throughout the District in the year 2016 and 1,42,364 farmers were affected.

Drought is a slow process which can be anticipated without any haste and thus proper planning would be possible.

LONG TERM GOALS TO MITIGATE THE EFFECT OF DROUGHT (2017-2030):

(1) Improvement of Soil Moisture:

Soil moisture and its availability to support plant growth is a primary factor in farm productivity. Too little moisture can result in yield loss and plant death. Too much causes root disease and wasted water. Precise control over the root zone environment, in terms of both water and nutrient content, leads to healthier crops and higher yields.

With a view to improve the soil moisture speedy steps have been taken to revive and rejuvenate the practice of application of tank silt to agricultural lands in a proper manner. In order to implement the suggestion, innovative use of MGNREGA for tank silt application, financial support for transportation of tank silt from the tanks to the farms and provision of NABARD-UPNRM (Umbrella Programme on Natural Resources Management) support to farmers for scaling up the tank silt application will be implemented in a phased manner.

In Integrated Watershed Management Programmes (IWMP), Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) will be restructured for taking up the silt application to agricultural lands as a component of land development. Tank Silt Application will be included as a component of watershed development.

Agricultural Technology and Management Agency (ATMA) programme will be utilized for Tank silt application may be initiated in each panchayat.

Silt (sedimentation) samples will be taken from the tanks and analysed for its nutrient status and toxicity if any, by the Agriculture Department soil testing laboratories and suitable recommendations on tank wise silt characteristics and its usage may be for disseminated to the farmers.

Factors influencing silting of tanks and their nutrient content, such as addition of livestock manure during grazing season in tank bed and droppings of birds perching on trees planted in tank bed, will be widely published to create awareness among the public.

Encouraging farmers to use organic manures in the fertilizer schedule which will not only increased yield but also improved soil moisture content at various soil depth and improved soil productivity.

(2) Renovation of tanks, ponds, Ooranies, desilting, cleaning, strengthening of bunds:

Tanks, ponds and lakes have always played an important role in irrigation, supplying drinking water, ecology, tourism/culture and domestic use. Rainwater harvesting and storage are important mechanisms for adapting to climate change. Implementation of community water management schemes with maximum people's participation millions rely on these ecological services provided by water bodies and historically rainwater harvesting has been used as an easy, low-cost and locally adoptable technique to maintain water storage. is crucial to ensure the success of such schemes.

The tank sluices and weirs are simple masonry works. Most of them are old and need continuous maintenance. The present status of these structures across the state shows a picture of leaking sluices and damaged weirs. The normal damages caused due to the absence of local care have to be attended by the farmers. The damages on weirs are caused mainly by the encroachers on the tank beds, who are in a hurry to dispose of the storage to save their standing crops from submergence. The researches on water management estimate the loss of water due to the leaking sluices as one third of the storage.

Large-scale infestation of weeds is observed in majority of the tanks. These weeds are mostly Juliflora jungles and Ipomea cornea shrubs. Juliflora jungles are thorny bushes regenerating on their own without water. They occupy most part of the tank bunds, waterspreads and feeder channels. These impede any development work by the locals. Ipomea cornea is one of the major succulent weeds growing in the water spread areas of tanks. They spread very fast choking up the entire waterspread. It is found that most of the tanks infested by these weeds are unusable for the grazing activity besides causing losses to the agricultural income in the villages.

In view of the above context, the Renovation of tanks, ponds, Ooranies, desilting, cleaning, strengthening of bunds acquires more importance. Periodical Cleaning, desilting of supply and distribution channels with active participation of

user community, local public and NGOs will be carried out in a phased manner. Every year 300 water bodies will be revovated.

Details of Renovation of tanks, ponds, Ooranies, desilting, clearing, strengthening of bunds in Block wise

S. No.	Name of the Block	No. of Ponds Selected	Total Estimate Amount (Rs.in Lakhs)
1	2	3	4
1	Erode	1	0.98
2	Modakurichi	22	22.00
3	Kodumudi	10	10.00
4	Perundurai	32	32.00
5	Chennimalai	34	34.00
6	Ammapettai	18	18.00
7	Anthiyur	7	7.00
8	Bhavani	16	16.00
9	Gobi	34	34.00
10	Nambiyur	29	29.00
11	T.N.Palayam	15	15.00
12	Sathy	42	42.00
13	Bhavanisagar	30	30.00
14	Thalavadi	38	38.00
	Total	328	327.98

(3) Construction of check dams with recharge pits:

Check dams are a highly effective practice to reduce flow velocities in channels and waterways. Contrasting big dams, check dams have a faster implementation timeline, are cost effective, and are smaller in scope. Because of this, their implementation will not typically displace people or communities nor will they destroy natural resources if careful design considerations are undertaken. Moreover, the dams themselves are simple to construct and do not rely on advanced

technologies – thereby they can be applied in more rural and less advanced communities.

Check dams still require maintenance and sediment removal practices. Check dams, depending on the material used, can have a limited life span but if implemented correctly can be considered permanent though not encouraged.

A recharge pit allows the rainwater to replenish groundwater by recharging the underground aquifers. It can be built to recharge a bore well or just to help the water infiltration in an area. A recharge pit can be totally invisible when finished. As it is filled of stones, it doesn't present any danger (contrary to an open well for example). The percolation rate of a recharge pit is much less than of an open well. The water percolates slowly because there is no hydrostatic pressure in the pit.

Construction of check dams with recharge pits will be implemented through Watershed management, Agricultural Engineering Department in a phased manner to augment the ground water table.

(4) Reduction of water usage for agriculture under the programme of Drop Less Grow More Crops concepts.

Water is becoming scarce commodity these days due to competitive demand and also due to the change in climatic behaviour, particularly the erratic nature of rainfall. The available water sources or the new sources those are being created need to be used in best possible manner to fulfill the vision of "Per Drop More Crop" through efficient water conservation and water management practices. It is in this context more vital to link most of the water sources with micro irrigation to get extended coverage for a longer duration.

The main objectives of Per Drop More Crop (Micro Irrigation) are

I.to increase the area under micro irrigation technologies to enhance water use efficiency,

II.to Increase productivity of crops and income of farmers through precision water management, promote micro irrigation technologies in water intensive/consuming crops like sugarcane, banana, cotton etc and give adequate focus to extend coverage of field crops under micro irrigation technologies, make potential use of micro irrigation systems for promoting fertigation, promote micro irrigation technologies in water scarce, water stressed and critical ground water blocks of Erode District such as Nambiyur, Ammapettai, Anthiyur etc.,

III.to link tube-well irrigation projects with micro irrigation technologies for best use of energy both for lifting and pressurised irrigation as far as possible, to promote, develop and disseminate micro irrigation technology for agriculture and horticulture development with modern scientific knowledge,

IV. to create employment opportunities for skilled and unskilled persons, especially unemployed youth for installation and maintenance of micro irrigation systems.

The Department of Horticulture is implementing Micro irrigation scheme namely Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) with objective to bring more area under Drip and Sprinkler Irrigation System in the District and the scheme is being implemented for the past few years. Under the scheme farmers are encouraged to set up drip irrigation systems in their field for effective utilisation of available water and also to conserve water. More focus and priority be given for promoting micro irrigation technologies in water scarce, water stressed and critical ground water blocks to conserve water and get extended coverage in terms of area and time period for live saving irrigation. The farmers are assisted to install the micro irrigation system by way of providing 100 per cent subsidy to the Small & Marginal farmers and 75 per cent to the other farmers. During the year 2017-18, it is programmed to bring the additional area of 10160 ha of various horticulture crops and agriculture crops under micro irrigation system. The scheme will be implemented for coming years to cover the more area and farmers are also imparted training to use and maintain the micro irrigation system.

(5) Popularising Micro Irrigation Methods among farmers:

1. Drip Irrigation System:

Drip Irrigation technology involves irrigating root zone through emitters fitted on a lateral tube as well as inserted within the tubing as emitting pipe. The use of different emitters will depend upon specific requirements, which may vary from crop to crop.

Fertigation is important for getting the maximum benefits out of the micro irrigation technology. Therefore, farmers are encouraged for the use of fertigation device by the farmers such as venturi injector or fertilizer tank on which the subsidy is available.

Water requirement, age of plant, plant to plant spacing, soil type, water quality and availability etc are some of the factors which decide the choice of emitting system.

2. Sprinkler Irrigation:

In sprinkler irrigation, water is discharged under pressure in the air through a set of nozzles attached to a network of High Density Poly Ethylene (HDPE) pipes, simulating the rainfall. Sprinkler irrigation systems are suitable for irrigating crops where the plant density is very high. It is widely used for cereals; pulses; seeds; spices; and field crops. The sprinkler irrigation systems may be portable, mini sprinklers, micro sprinklers, semi-permanent sprinklers or large volume sprinkler systems (Rain-guns).

Portable Sprinkler Irrigation System: In portable sprinkler irrigation systems the HDPE pipes are used for mains and sub-mains which can be shifted from one place to another as per the irrigation schedule with respect to design layout. These can be used in both, plains as well as in undulating terrains.

Micro Sprinklers: Micro Sprinklers are mostly used for irrigating leafy vegetables, nurseries, hardening of seedlings and a few vegetables. Apart from providing irrigation, the micro sprinkler also helps in changing the micro climatic conditions near the plant. Micro sprinklers are low radius sprinklers. The selection of micro sprinklers depends on the type of crop, soil, types, etc.

Mini Sprinklers: They are commonly used for close growing crops like groundnut, potato, onion, ginger, short statured fodder crops, etc. Mini sprinklers are also suitable for frost protection.

Semi-Permanent Sprinkler Irrigation System: In Semi-Permanent Sprinkler System, the piping network for main line and lateral lines are permanently buried with risers fitted on the lateral lines. The sprinkler nozzles are fitted on each riser pipe and can be easily shifted from one place to another to irrigate the required area in shifts as per the irrigation schedule or the crop water requirement.

Large Volume Sprinkler Irrigation System (Rain gun): Large volume sprinkler irrigation systems (Rain guns) are used where larger areas are to be covered with one or two sprinklers. These sprinklers have a discharge ranging from 10,000 lph to 32,000 lph and radius of throw from 24 m to 36 m. These systems require high pressure and high discharge pipes & pumps to operate them. These are preferred for irrigating crops spread over large areas in short time.

In Erode District, the Agriculture, Horticulture and Agriculture Engineering, Watershed Management Departments are engaged in the implementation of Micro irrigation methods among farmers depending upon the crop raised, land pattern, water source, etc., It is programmed to achieve 1000 acres per year to brought under Micro Irrigation system.

5(a) Implementation of Agricultural Schemes to minimize the water usage, decreasing soil erosion, increasing soil fertility and ensure income to farmers: Implementation of schemes like Integrated Farming System, Alternate cropping system of Paddy, Bund planting with pulses, Distribution of green manure seeds, Distribution of Neem seedlings, Distribution of Gypsum and Zinc Sulphate for soil reclamation, Distribution of Vermibed, Organic Demo plots, Organic input Production Units, Subsidy for ploughing, Encouraging Millet cultivation under TamilNadu Millet Mission will help the Farmers to reduce the water usage, spraying technologies in order to mitigate drought, reduce soil erosion, increase the soil

fertility and soil reclamation. The schemes are being funded by the State and the Government of India for Farmers welfare.

(6) Implementation of Community Irrigation Concepts with automation:

Community Irrigation Concepts are implemented with the following aims;

i. To create a sense of ownership of water resources and the irrigation system among the users, so as to promote economy in water use and preservation of the system.

ii. To improve service deliveries through better operation and maintenance.

iii. To achieve optimum utilization of available resources through sophisticated deliveries, precisely as per crop needs.

iv. To achieve equity in water distribution.

v. To increase production per unit of water, where water is scarce and to increase production per unit of land where water is adequate.

vi. To make best use of natural precipitation and ground water in conjunction with flow irrigation for increasing irrigation and cropping intensity.

vii. To facilitate the users to have a choice of crops, cropping sequence, timing of water supply, period of supply and also frequency of supply, depending on soils, climate and other infrastructure facilities available in the commands such as roads, markets cold storages, etc., so as to maximize the incomes and returns.

viii. To encourage collective and community responsibility on the farmers to collect water charges and payment to Irrigation Agency.

ix. To create healthy atmosphere between the Irrigation Agency personnel and the users.

In Erode District, the Agriculture, Horticulture and Agriculture Engineering, Watershed Management Departments are engaged in the implementation of community Irrigation methods among farmers depending upon the crop raised, land pattern, water source, etc., It is programmed to achieve 500 acres per year to brought under Micro Irrigation system.

(7) Educating the public and creating awareness about over exploitation of ground water.

Ground water is a mineral that occurs in the subsurface within sediments, rocks, desertic sand, ice & snow. It gets replenished It gets from meteoric precipitation. Ground water is most widely distributed precious resource of the Earth. Among the natural water resources, ground water forms an invisible component of the system.

Overexploitation leads to (i) increase in pumping depths, reduction in well/tube well yields and rise in the cost of pumping ground water and (ii) widespread and acute scarcity of ground water in summer months for irrigation and

drinking uses. This forces farmers to deepen their wells and install larger pumps. Rich farmers may cope with this challenge relatively easily, but small and marginal farmers, many of whose wells are supported by shallow aquifers, often find it difficult.

In view of the increasing thrust on development of ground water resources, there is an urgent need to augment these depleting resources in the active recharge zone. This can be augmented through natural or artificial recharge. Rainfall is the main source of both types of recharge.

The dominant method of artificial recharge is through the use of civil structures (such as percolation tank, check dams, recharge shafts etc) that arrest or slow down surface runoff, under suitable hydro-geological and hydrologic conditions.

In Erode District, active steps taken by the Agriculture, Watershed Management and Agriculture Engineering Dept for educating the public and creating awareness about over exploitation of ground water. Further steps are under full swing for conversion of defunct borewells into water recharging structures and conversion of abandoned quarries into water recharging structures.

Erode District being a well known destination for production of textile fabric materials, water consuming industries associated with textile processing are in large number. With a view to save ground water, water consuming industrial units have been encouraged to recycle the industrial effluent water and to reuse the water for industrial purpose. This will save ground water to a great extent.

In addition to this, Encouragement and enforcement of individual household rain water harvesting structures for augmentation of ground water table will be taken with the active participation of public, NGOs, user groups, local community etc.,

Every year, construction of more Farm ponds by the Watershed Department to augment ground water

The farmers will be encouraged to form Formation of recharge pits near agricultural wells.

(8) Regulating the digging of borewells to avoid exploitation and also to save under ground water.

With a view to protect groundwater resources, provide safeguards against hazards of over exploitation and to ensure planned development and proper management of this vital and limited resource THE TAMIL NADU GROUNDWATER (DEVELOPMENT AND MANAGEMENT) ACT, 2003 (Tamil Nadu Act 3 of 2003) has been enacted.

Effective steps have been initiated to develop, control, regulate and administer the ground-water and to direct and regulate the development and

management of ground-water resources in the District in consistent with conserving it and ensuring its optimal and efficient utilization. Further, conjunctive use of surface-water and ground-water shall be undertaken to maximize beneficial use of the available water resources.

(9) Rejuvenation of Bhavani and Cauvery river water by adopting new technology.

In Erode District, the major rivers are Cauvery and Bhavani. These two rivers are polluted by mixing of domestic sewage and untreated industrial effluent water. The polluted water is treated to pottable water by a new technology called Boom Tube Resonator which functions on the concept of Fine Particle Softwave Thrombotic Agglomeration Reaction and this will ensure protection of ground water table and also ensures continuous flow of river water. The continuous flow of river water ensures preservation of ecology. The test running of this project is under way.

(10) Construction of check dams across river Bhavani:

Construction of new check dams across river Bhavani at Arasur, Periya Kodiveri and Ottathur places have been proposed by the PWD. This will augument ground water table and conservation of ecology.

(11) Construction of Barrage across river Cauvery at Karuvelampalayam in Kodumudi Taluk by TANGEDCO:

Construction of barrage by TANGEDCO at Karuvelampalayam in Kodumudi Taluk. This will ensure,

- a)Augument of ground water level
- b)Ensure drinking water supply
- c)Improves Water storage level
- d)Continuous flow of water in river ensures preservation of ecology and survival of multi organisms.

(12) Encouragement of Tree Plantation in Drought Prone Areas of Erode District:

Trees are very beautiful gift of nature, they give us flowers, fruits, bamboo, fuels. Trees are also very good source of paper, gums. They prevent soil. They protect us from climatic issues.

They release oxygen which is needed for human being to breath, also they absorb carbon dioxide. Many living species resides in tree like insects, birds and many animals.

They provide us ecological balance and also give us cool shade during summer.

In order to save our environment and make our earth green we should plant as much as trees possible. They refresh air from toxic gases and prevent us from air pollution.

Trees are main important source of rain. They are very helpful friend of humanity. In order to save our environment, we should protect trees.

Awareness campaign will be conducted among general public, farmers, students etc., to plant more trees and to preserve them.

An innovative effort has been initiated in Erode District. The age old trees, which are to be removed owing to development projects especially laying of roads, have been replanted and the survival rate is observed around 70 to 80%. This effort has restored the fruitful benefits of big trees, otherwise it will be very big loss to nature and ecology.

TREE PLANTATION 2018-19

Sl.No.	Name of the Block	No. of Works	No. of Seedlings Planted
1	Modakkurichi	1	500
2	Perundurai	5	2950
3	Ammappettai	14	4650
4	Anthiyur	8	6430
5	Bhavani	6	500
6	Gobi	45	15455
7	Nambiyur	2	1000
8	TN Palayam	5	2400
9	Sathy	27	12535
10	Bhavanisagar	13	3020
11	Thalavady	79	14050
Total		205	63490

(13) Encouragement of Cultivation of Hydroponix, Azola cultivation, cultivation of high yielding fodder varieties and Implementation of mixed farming concepts to improve soil fertility:

With minimal water availability, palatable green fodder can be produced with maize, sorghum and wheat grains. 1 kg of grains can be converted to 6 kg of green fodder within 10 days. This technology is driven to farmers by various extension tools like field demonstration, pamphlet distribution and press release in dailies. The video clipping of hydroponic fodder production is being displayed in District

propaganda van of Public Relation Department. The pamphlets are displayed in veterinary institutions and distributed to farmers also.

Innovative farmer who prepared the hydroponic model assembly was identified in Palayapalayam of Erode District and instructed to prepare the low cost model to exhibit the other farmers by arranging a grand mass contact programme in Erode District.

In the year 2014-16, 800 azolla trays were distributed to progressive farmers with 100% subsidy 0.75 kg of kg can be harvested every day from each tray measuring 91 x 31/21. By this, 300-400 kg of Azolla green fodder is harvested daily and fed to animals.

Red chari variety of sorghum seeds were given to farmers sowing in 600 Acres under drought mitigation scheme in 2nd week of march. This fodder is ready to harvest from 1st week of May. 6000-8000 tonnes of sorghum fodder will be harvested in Month of May and that can be given to animals as green and dry fodder and it is also improve the soil fertility.

It is programmed to increase the reach of the above scheme to more number of farmers.

(14) Organic farming:

Organic farming is a way of farming, which excludes the use of chemical fertilisers, insecticides, etc. It is primarily based on the principles of use of natural organic inputs and biological plant protection measures. The purpose of organic farming is not to go back to primitive form of indigenous knowledge and skills using the vast potential of various kinds of residues and water.

In other words, the role of organic agriculture whether in farming, processing, and distribution is to sustain and enhance the health of ecosystems and organisms from the smallest in the soil to human beings.

Organic farming uses a variety of methods to improve soil fertility, including crop rotation, cover cropping, and application of mulching.

Organic farming tends to tolerate some pest populations while taking a longer-term approach. Organic farming, organic pest control involves techniques like encouraging predatory beneficial insects and microorganisms, careful crop selection and crop rotation. Each of these techniques also provides other benefits- soil protection, fertilization, pollination, water conservation etc. These benefits are both complementary and cumulative in overall effect on farm health.

There are various major advantages of organic farming:-

(i) It increases productivity at lower cost:

There is misconception among the people that organic farming leads to loss in productivity. It is also proven that after a short period of drop in yields, organic farming is more productive than chemical farming.

(ii) Environmental friendly:

Conventional agriculture based on chemical farming is rapidly depleting natural resources particularly fresh water, soil, air and fossil fuels. In chemical farming there is also use of large quantities of pesticides, fertilizer etc. and there is also water wastage through high volume irrigation, heavy use of petrochemicals for farm machinery and long distance transport etc. but organic farming curtails all these.

(iii) It reduces food contamination and increased food equality:

Conventional agricultural practices based on chemical fertilizer causing greater contamination of food in absence certification and in the wake of unhygienic handling. But in organic farming there is no such problems.

The Agriculture Department, consistently carry out awareness among farmers and encourages them to adopt to Organic farming. It is programmed to add atleast 1000 acres of land under organic farming, every year.

Further, the Agriculture and Horticulture Departments promotes a comprehensive scheme namely The Paramparagat Krishi Vikas Yojana (PKVY). Under the scheme the farmers are encouraged to put up Demonstration on Organic farming in their field for which bio inputs are supplied at subsidised cost and also latest technologies are imparted through training and exposure visit. During the year 2017-18, one cluster consisting of 30 farmers has taken up for shifting to organic agriculture and the targets will be increased many folds in coming years.

1.Encourage the use of vermicompost among the farmers for crop production and also encouraged to produce vermicompost in their farm itself by way of assisting them with subsidy for setting up of vermicompost production units. Farmers also imparted training on production of vermicompost.

2.Encouragement of cattle rearing and production of farm yard manure which is highly useful in growth of plants, soil fertility etc.,

3.Adoption of Organic pest management to minimize environmental pollution, approach towards sustainability, maintain quality as well as quantity produce, decrease bio-hazards created in food chain due to presence of chemicals, controlling pests and insects getting resistant to chemicals etc.,

DROUGHT MITIGATION WORKS IN HILL AREAS;

In Erode District, out of a total area of 5,72,264 Hectares, the reserve forest area is in an extent of 2,27,747.62 hectares of land covering Sathyamangalam

Range, Kadambur Forest and Burgur Forest. The tribal population has been provided with free collection and use of Minor Forest Produce for tribals. The services of tribals have been utilized in all the major afforestation and development activities of the forest department. The Tribal population have been educated to avoid tree cutting for conservation of rain water. The tribal people have been provided with alternate employment under Forest Conservation Act.,

Encouraging the tribal people in the control of lantana by manually cutting and at the same time, they are trained in making low-cost furniture, handicraft, toys and other utility articles using lantana wood. Thus a generation of sustainable livelihood options for tribals and forest conservation is achieved at the same time. A project at a cost of Rs.1.00 Crore will be implemented by Khadhi and Village Industries Department in collaboration with Poombukar.

Conducting of awareness programmes in all tribal villages about the organic farming and ill effects of chemical pesticides and fertilizers on land and environment and health.

The training of tribal people in making Panchagavya, Jeevamritam and preparing the land using cow dung, green mulching and goat manure.

Encouraging the tribal population to adopt soil and water conservation technology for hill slopes, extensive soil conservation, preservation of forests and increasing forest cover and construction of check dams.

ATHIKADAVU-AVINASHI PROJECT

Athikadavu - Avinashi Pumping Scheme is an irrigation, Ground water Recharge and Drinking water supply scheme on DBOT (Design Built Operate and Transfer) basis, commissioning of the entire system and follow-on Operation & Maintenance for 60 months. The project envisages to divert 1.50 TMC of surplus water from the Bhavani River in the downstream of Kalingarayan Anicut by pumping through pipelines for 70 days in a year at the rate of 250 cusecs to feed 1045 Nos. of tanks / Ponds (32 Nos. of WRD tanks, 42 Nos of Union tanks and 971 Nos of village ponds) to benefit the drought prone and ground water depleted areas of Coimbatore, Tiruppur and Erode Districts for the benefit of an irrigable area of 24,468 acres.

An Administrative Sanction was accorded for an amount of Rs.1652.00 crores under State Fund, vide G.O. (M.S.) No.84, Public Works (I.Spl.2) Department, Dated: 28.03.2018. Subsequently, Revised Administrative Sanction has been accorded for an amount of Rs.1756.88 Crores vide G.O. (Rt) No. 142, PW (I.Spl.2) Department, Dated: 08.04.2021. Following that, the Second Revised Administrative Sanction has been accorded for an amount of Rs.1916.417 Crore vide G.O. (Ms) No. 34, Water Resources (W2) Department, Dated: 02.06.2023.



மாண்புமிகு தமிழ்நாடு முதலமைச்சர் அவர்கள் சென்னை தலைமைச் செயலகத்திலிருந்து காணொலிக் காட்சி வாயிலாக இன்று (17.08.2024) ஈரோடு, கோயம்புத்தூர், திருப்பூர் மாவட்டங்களில் வறட்சியால் பாதிக்கப்பட்ட பகுதிகளில் உள்ள 1045 குளம், குட்டைகள் நீர் நிரம்பும் வகையில் ரூ.1916.41 கோடி மதிப்பீட்டில் வடிவமைக்கப்பட்ட 'அலிநாசி திட்டத்தினை துவக்கி வைத்ததைத் தொடர்ந்து, ஈரோடு மாவட்டம், பலாளி காலிங்கராயன் அணைக்கட்டு பகுதியில் நடைபெற்று காணொலிக் காட்சி நிகழ்ச்சியில், மாண்புமிகு வீட்டுவசதி மற்றும் நகர்ப்புற வளர்ச்சித்துறை அமைச்சர் திரு.க.முத்துசாமி அவர்கள், மாண்புமிகு தமிழ் வளர்ச்சி மற்றும் செய்தித்துறை அமைச்சர் திரு.மு.பெசாமிநாதன் அவர்கள், ஈரோடு நாடாளுமன்ற உறுப்பினர் திரு.கே.இயிரகாஷ், சட்டமன்ற உறுப்பினர்கள் திரு.ஏ.ஜி.வெங்கடாசலம் (அருள்மீதுரி), திருமதி சி.சரஸ்வதி (கொடக்குறிச்சி), திரு.எ.ஆர்.சஸ்வரன் (திருச்செங்கோடு), ஈரோடு மாநகராட்சி செயர் திருமதி.க.நாகரத்தினம், மாவட்ட ஆட்சித் தலைவர்கள் திரு.ராஜ கோபால் கணகரா, இ.ஆ.ப., (ஈரோடு), திரு.கா.கிரிஸ்நாஜ், இ.ஆ.ப., (திருப்பூர்), திரு.கிராந்தி ஜார் பாரி, இ.ஆ.ப., (கோயம்புத்தூர்), தலைமைப்பொறியாளர் (நீர்வள ஆகாரத்துறை) கோயம்புத்தூர் மண்டலம் திரு.எஸ்.முருகேசன், கண்காணிப்பு பொறியாளர் (சிறப்புத்திட்ட வட்டம், அலிநாசி), திரு.எஸ்.திருமலைக்குமார் உட்பட பலர் கலந்து கொண்டனர்.







LAND SLIDES

Even though land slide possibilities are very low in Erode District, land slide preventive measures have been taken. Construction of retaining wall at appropriate places in major roads passing through Hill areas, widening of juncture points, curves have been taken to avoid land slides in hill areas.

EARTH QUAKE

Goals – Earth Quake – Precautionary measures for 2017 -2030

- 1.Encouraging construction of multi story buildings with earth quake resistant methods.
- 2.Periodical training of Civil Engineers regarding construction of earth quake resistant buildings.
- 3.Creating awareness among the public regarding earth quake and ways and means to protect during occurrence of earth quake.
- 4.Educating young children, school and college students in the management of earth quake
- 5.Periodical training of officials regarding management of earth quake disasters.
- 6.Conduct of sensitisation meeting with local user communities residential welfare associations, identification and **training of volunteer etc.,**

CHAPTER – 4

HAZARD, RISK AND VULNERABILITY ANALYSIS

4.1. Matrix of Past disasters in the District:

Based on the past years experiences, the major disasters likely to affect Erode District are flood and drought. The low lying areas affected by floods are listed below:

Sl. No.	Name of canal	Period of Past experience
1	2	3
1	Lower Bhavani Project Main Canal bund breached at mile 59/4 in Perundurai Taluk of Erode District.	24.11.2008
2	Kalingarayan Chennal left side bund from mile 23/6 to 23/7, 24/2 to 24/4, 25/2 to 25/4 and 26/0 to 26/4	07.11.2011
3	Kalingarayan Chennal left side bund from mile 27/2 to 28/4, 30/1 to 30/2, 32/2 to 33/5, 36/2 to 36/4.	07.11.2011
4	Kalingarayan Chennal left side bund from mile 36/6 to 37/2	07.11.2011
5	Malayampalayam Branch of Kalingarayan Channel left side bund from mile 1/0 to 1/1, 1/4 to 1/4 ½ & 1/6 to 1/7	07.11.2011
6	Nanjai Uthukuli Channel at LS.3.00 Km right side bank in Perumpallam Anicut scheme	07.11.2011
7	Kalamangalam Channel at L.S.1.50Km to 9.00 Km in Kuranganpallam Anicut scheme	07.11.2011
8	In Thadapalli canal at various places between mile 22/3 to 39/0 canal bund was over washed.	22.10.2011
9	In Gunderipallam Reservoir the surplus arrangement was damaged.	22.10.2011
10.	In 50 vllages across 7 Taluks namely Sathyamangalam, Gobichettipalayam, Bhavani, Anthiyur, Erode, Modakkuruchi and Kodumudi were affected by the floods caused by release of excess water simultaneously from Bhavanisagar Dam and Mettur Dam which crossed 1.50 lakh cusecs.	15.08.2018 to 20.08.2018

11	In LBP Canal left bank Breached in Ukkaram village of Sathyamangalam Taluk. Due to this Breach totally 128 houses were inundated in Kethampalayam of Sathyamangalam taluk and Sundakkampalayam of Nambiyur Taluk. Immediately 154 persons were evacuated and sheltered in relief centre.	07.11.2019
12	In 11 villages 6 Taluks namely Sathyamangalam, Gobichettipalayam, Bhavani, Erode, Modakkuruchi and Kodumudi were affected by the floods caused by release of excess water simultaneously from Bhavanisagar Dam and Mettur Dam which crossed 1.50 lakh cusecs.	04.08.2022 to 14.08.2022
13	On 01.05.2023, in Erode District, Erode taluk in the village of 03 Mettunachuvampalayam, the ground-level bridge located on Re. S. No. 165/2 of the Ellappalayam canal, as well as the ground-level bridge on Re. S. No. 71 in Karai Ellappalayam village, were completely damaged and washed away by water.	01.05.2023
14	On 01.05.2023, in Erode District, Erode block, in the village of Periyasemur-A, heavy rain fell at night in the area of Soolai Bharathi Nagar. As a result, excess water from Kaniravuthar Lake overflowed and entered approximately 10 houses in the Bharathi Nagar residential area. Immediately 43 persons were evacuated and sheltered in relief centre	01.05.2023
15	Heavy rains on 06.11.2023 resulted in the inundation of residential areas in various villages in Erode taluk, leading to the evacuation of the public. As a result, 415 people were immediately sheltered in relief centers.	06.11.2023
16	On 07.11.2023, heavy rain in the village of Kookalur, under the Gobichettipalayam taluk, caused a blockage in the drainage system. As a result, rainwater entered approximately 25 houses in the Thalaikkombu Pudhur area due to the lack of an outlet for the water.	07.11.2023
17	On the night of 08.11.2023, heavy rain in the areas of Nambiyur Taluk, Vemmandampalayam Inner Circle, Irugalur village, and Majar Kolandapalaiyam caused the pond to overflow. Due to the collapse of the nearby	08.11.2023

	embankment, water entered approximately 10 acres of agricultural land. Furthermore, on the night of 09.11.2023 heavy rain in Nambiyur Circle, Vemmandampalayam Inner Circle, and Vemmandampalayam "A" village caused the wall of the government higher secondary school to collapse by about 100 meters.	
18	On 08.11.2023, due to heavy rain, the temporary bridge constructed in the village of Makkinangombai, Sathiyamangalam taluk, was completely submerged in floodwater. Traffic in that area has been temporarily halted, and an alternative route has been arranged.	08.11.2023
19	In Santhan Nagar Kulam, there was a breach in Emmampoondi B village of Nambiyur Taluk. Due to this breach, a total of 7 houses in Rajiv Gandhi Nagar and Ambedkar Nagar in Nambiyur Taluk were inundated.	19.05.2024
20	On 20.05.2024, heavy rain in the Kadappamadai area of the Perundurai taluk, particularly affecting KG Fabric and Premier companies, caused water to accumulate on the main roads of the Sipcot city. The rainwater was subsequently drained using a JCB. Additionally, in Eengur village, the culverts were blocked, leading to water accumulation around the village. As a result of the rain, the boundary walls of 10 companies on the 6th cross street of Sipcot collapsed and were damaged.	20.05.2024
21	In Palanikavundan Pudur Pond Breached in Emmampoondi village of Nambiyur Taluk. Due to this Breach totally 52 houses were inundated in Periyar Nagar and Kamaraj Nagar of Nambiyur Taluk. Immediately 136 persons were evacuated and sheltered in relief centre	22.05.2024
22	Due to heavy rain in the Pappankuttai area of Emmampoondi B village in Nambiyur Taluk, a total of 10 houses in Pappankuttai Nagar were inundated. Therefore 61 people were immediately evacuated and sheltered in a relief center.	22.05.2024
23	In 7 villages across 5 Taluks namely Erode, Modakkuruchi, Kodumudi, Bhavani and Anthiyur were affected by the floods caused by release of excess water from Mettur Dam	31.07.2024 To 03.08.2024

	which crossed 1.70 lakh cusecs.	
24	Anthiyur-Burgur Road: Due to heavy rains (recorded at 58 cm) during the night hours of 14.08.2024, the road between km 10/0 and km 21/0 has been badly affected by stone and mud slips from the hillock side. The berms on the valley side have been severely eroded, and at many locations, the BT surface of the road has been badly damaged.	14.08.2024
25	Broken Drainage Culvert at Mile 47-2-145 of LBP Main Canal	19.08.2024

4.2 Classification of vulnerability:

The floods and drought are the disasters affecting Erode District and the following places have been identified as disaster prone areas and separate plans have been formulated and various task force committees have been formed to effectively manage the emerging situations.

Sl. No.	Classification of vulnerable areas	Vulnerable areas which will be affected by heavy rainfall only	Vulnerable areas which will be affected by floods in River Cauvery and Bhavani only	Vulnerable areas which will be affected by floods in Varattupallam Dam	Total
1.	Very High Vulnerable areas	0	0	0	0
2.	High Vulnerable areas	01	61	10	72
3.	Medium Vulnerable areas	41	06	0	47
4.	Low Vulnerable areas	02	12	0	14
Total		44	79	10	133

Vulnerable areas in Corporation, Municipalities, Town Panchayats and Rural Panchayats

Corporation

S.No	Category	Erode Corporation	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	2	Ward No.7	1) Vairapalayam area
3			Ward No. 60	2) P.S.Agrakaram area
4	Medium	6	Ward No.17	1) Kanthaiyan Thottam Malligai Nagar
5			Ward No.45	2) Ashokapuri
6				3) Central Threatre area
7				4) Annai Sathiya Nagar
8				5) Nesavalur colony
9				6)Kamarajar street,Nadar Medu
10	Low	0	0	0
Total		8	-	-

Bhavani Municipality

S.No	Category	Bhavani Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	13	Ward No. 4	1) Kanthan Pattarai
3				2) Pumping Station Back side
4			Ward No. 8	3) Somasundarapuram
5			Ward No.13	4) Palanipuram 1st Street & 4th Street
6			Ward No.20	5) Pasuveshwarar Street
7			Ward No. 21	6) Thanthai Periyar Street
8				7) Keeraikkara Street
9			Ward No. 22	8) Old Bus Stand
10				9) Makkan Street
11			Ward No. 25	10) Kalthozhilalar Street
12			Ward No.26	11) Srinivasapuram
13				12) Royal Theater Area

14			Ward No.27	13) Palakkarai Street
15	Medium	0	0	0
16	Low	0	0	0
Total		13	-	-

Sathyamangalam Municipality

S.No	Category	Sathyamangalam Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	5	Ward No.19	1) Pillaiyar Kovil Street
3				2) Muniyappa Kovil Street
4			Ward No.21	3) Mathimarathurai Veethi
5				4) Mamarathurai Santhu
6			Ward No.26	5) Parisalthurai Street
7			Medium	0
8	Low	0	0	0
Total		5	-	-

Gobichettipalayam Municipality

S.No	Category	Gobichettipalayam Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	0	0	0
3	Medium	13	Ward No.16	1) Perumal Samy Nagar
4				2) Sakthi Santhi Nagar
5			Ward No.17	3) Amman Nagar
6				4) Subbannan Street
7				5) Kabilar Street
8			Ward No.22	6) Sivashanmugam Street
9				7) S.D.N. Colony
10			Ward No.25	8) Sleater house Street
11				9) Najappa Street
12				10) Venkadachalam Pettai
13			Ward No.26	11) Saminathapuram
14			Ward No.27	12) Seethalakshmi Puram
15			Ward No.30	13) Anna Nagar
16	Low	0	0	0
Total		13	-	-

Vulnerable Areas of Town Panchayats

S.No	Category	Total Number	Name of the Town Panchayat	Ward	Location
1	Very High	0	0	0	0
2	High	14	Perundurai	-	1) SIPCOT Perundurai
3			Kodumudi	Ward No.5	2) Vadakku Theru
4				Ward No.9	3) Eluppu Thoppu
5			Kilambadi	Ward No.11	4) Kombu Palayam
6			Vengampur	Ward No.2	5) Kasipalayam
7			Appakudal	Ward No.10	6) Bhavani River Bank
8			Jambai	Ward No.9	7) Jambai
9			P.Mettupalayam	Ward No.9	8) P.Mettupalayam
10			Athani	Ward No.12	9) Odaimedu
11			Ammapettai	Ward No.10	10) Meenavar Street
12			Nerinjipettai	Ward No.2	11) Keel Theru
13			Anthiyur -B	-	12)Maavilakku Mariyamman Kovil Street
14			Anthiyur -B	-	13) Kannapan kinatru street
15			Anthiyur -B	-	14) Nehru Street
16	Medium	11	Unjalur	Ward No.2	1) Unjalur
17			Chennasamudram	Ward No.2	2) Ramanathapuram
18			Modakkurichi	Ward No.3	3) Kosalai - Keerikalkadu
19				Ward No.15	4) Gandhi Street - Naduppalayam
20			Arachalur	Ward No.12	5) Komarapalayam Colony
21				Ward No.13	6) Vadapalani AD Colony
22			Aval Poondurai	Ward No.4	7) AD New Colony
23				Ward No.15	8) Pungadu Thirumangalam Main Street
24			Nambiyur	Ward No.6	9) Periyar Nagar
25				Ward No.14	10) Rajeev Gandhi Nagar
23	Aval Poondurai B	-	11) Aval Poondurai B		
24	Low	0	0	0	0
Total		25	0	0	0

Rural Panchayats

S. No	Category	No	taluk	Firka	Village	Location	
1	Very High	0	0	0	0	0	
2	High	31	Erode	Erode North	Anainasuvam Palayam	1) Seetharamayyar street	
3						2) Vaikkal Street	
4			Kodumudi	Kilambadi	Nanjai Kolanalli	3)Chathirappatti	
5			Gobichetti palayam	Vaniputhur	Nanjai Puliya Patti	Perumugai	4)Parisalthurai Veethi
6							5) Adasapalaiyam
7			Kugalur	Ammapalayam	Mevani	6) Sanjeevirayan Kulam	
8						7) Mevani to Ammapalayam Road	
9						8) Ammapalayam to Ganeshanputhur Road	
10						9) Patel Veethi	
11						10) Mariamman Kovil Veethi	
12						Pariyur	Nanjaigavundan palayam
13			12) Vathanakadu – Pathi Road				
14			Anthiyur	Athani	Keelvani	13) Kallakattuputhur Area	
15						Kuppandam palaym	14) Karuvalvadi Pudhur
16							15) Kamaraj Nagar
17						Moongilpatty	16) Meenavar Street
18							17) Mariyamman Kovil Street
19							18) Nadu Pillaiyar Kovil Street
20				19) Kamachi Amman Kovil Street			
21			Sathya mangalam	Sathya mangalam	Komarapalaya m	20) Fathima Nagar	
22						Alathukombai	21) Old Ration Shop street
23	22) Moolakkarai Area						
24	Bhavanisagar	23) Amman Kovil Street					
25		24) Karuparayan Kovil					
26	Bhavanisagar	25) Boyar colony					
27	Arasur	Makkinagombai	26) Anna Nagar Area				

28			Bhavani	Bhavani	Uratchikottai	27) Kamatchi Amman Kovil		
29						28) Nethaji Nagar		
30				Kavindapadi	Kavindapadi	29) Gandhi Nagar		
31						30) Seraiyampalayam		
32						31) Koomputhottam		
33	Medium	24	Erode	Erode North	Elavamalai	1) Padithurai		
34					Elavamalai	2) Solamanthottam		
35			Modak kurichi	Modakkurichi	Punjai Lakkapuram	3) Pokkuvarathu Nagar		
36						4) A.D.Colony		
37					Kangayam Palayam	5) Kangayam Palayam		
38			Kodumudi	Kodumudi	Kolathu palayam	6) J.J.Nagar		
39			Perundurai	Chennimalai	Perundurai	7)Thiyagi kumaran Nagar, Mugsipidariyur, Chennimalai		
40						Perundurai	Perundurai	8)Ponmudi, Perundurai
41						Perundurai	Perundurai	9)Kullampalayam, Perundurai
42			Gobichetti palayam	Vaniputhur	Kongarpalayam	10) Vinoba Nagar		
43						11) MGR Nagar		
44						12) Vaniputhur Shandy Area		
45				Kugalur	Thalaikombu pudur	13)Thalaikombu pudur		
46			Sathya mangalam	Mathampalai yam	Matham palaiyam	14)Kanakkarasam palaiyam		
47					Nallur	Nallur	15) Nallur	
48			Anthiyur	Pacham palayam	Pachampalayam	16)Periyar Nagar		
49					Pacham	Pachampalayam	17) ASM Colony	
50					palayam	Pachampalayam	18) Bagavan Garden	
51					Pacham	Pachampalayam	19) Amman Nagar	
52					palayam	Pachampalayam	20)Azhagan Nagar (Ravindran Hospital)	
53	Pacham	Pachampalayam			21)Annamaduvu			
54	palayam	Pachampalayam			22) Neykarai,Settinodi			
55		Thalavadi	Thalavadi	Thalavadi	23)Hasanur			
56				Thalavadi	24) Iggalur			
41	Low	14	Erode	Erode North	Elavamalai	1) Sudukattuthurai		

42					2) Karupparayan Kovil
43					3) Odai
44				Mettunasuvam palayam	4) Nattuvan kattu
45					5) Kandhasamythottam
46				Karaiellapalaya m	6) Sudukattuthurai
47		Modakkuri chi	Modakkurichi	Punjai Kalamangalam -B	7) Kaalakathi Kuttai
49				Enjampalli A	8) Murungayaiyan Savadi
50		Bhavani	Bhavani	Kurichi	9) Koothampatti
51				Varadhanallur	10) Varadhanallur area
52				Bhavani	11) Sanniyasipatti area
53				Kurichi	12) Singampettai area
54					13) Kadappanallur area
55					14)Kesarimangalam area
Total		69			

CHAPTER – 5

HAZARD, RISK AND VULNERABILITY ANALYSIS

DOCUMENTATION OF DAMAGES CAUSED BY MONSOON FLOOD-2018

1. SUMMARY:

With the extraordinary southwest monsoon in 2018, the Districts Erode, Salem and Namakkal bore the brunt of floods due to heavy downpour in the catchment areas of river cauvery in Kodagu and Hassan Districts of Karnataka. Following the torrential rains, the reservoirs of Krishnarajasagar and Kabini breached the danger mark resulting in discharge of excess waters. The inflow of waters from the reservoirs filled the mettur dam to its maximum capacity of 120 feet. For the second time this year, Mettur dam has attained the full capacity. The situation turned grim in the downstream of cauvery due to the surplus outflow from the brimming Mettur dam. Apart from the woes of Mettur dam, the incessant rains in Nilgiris and kerala led to increased outflow from the Pillur dam to Bhavanisagar. The surge in release of waters from the Bhavanisagar pushed the Bhavani river in spate raising the red alert to the people residing along the banks of the river.

Though the quantum of water discharge fluctuated depending on the rainfall in the upstream areas, the District administration of Erode, Salem and Namakkal were issued flood alerts through the circular from the Revenue administration on 9th August 2018. Meanwhile, the release from mettur was intimated in prior by the District administration periodically alerting the downstream Districts. The Interdepartmental Zonal teams too were sent to monitor the situation in the expected vulnerable areas in Erode. Precautionary measures were taken to prevent the loss of lives of human and cattle. It was all due to the combined discharge of waters that led to flooding of many areas and hence increasing the vulnerable points to 113. The functionaries were vigilant on the ground and the flood monitoring officer too visited the points. The unexpected rainfall has submerged 128 hectares of cropland, 32 water pumping stations and damaged 1786 houses. Post floods, the Chief Minister, state ministers and Commissioner of Revenue Administration visited the areas affected and reviewed the situation.

2. HOW IT ALL BEGAN?

On 9th August 2018, the Central water commission issued advisory warning for River Cauvery stating there is likelihood of heavy release of water from Krishnarajasagar and Kabini dam and the combined discharges of more than 1 lakh cusecs is expected to reach mettur dam within 2 days and requested to take suitable precautionary measures. Hence the IDZT were alerted at the possible vulnerable

locations. Gradual release of water were carried out on 10th, 11th and 12th of august from Mettur and Bhavanisagar until the sudden spurt on the very next day.

2.1 Ground report on Flood and its affected areas:

On 13th August 2018, the combined water release into cauvery was 114885 cusecs of which 111085 cusecs and 3800 cusecs outflows were from Mettur and Bhavanisagar respectively. Bhavani sagar outflows as Bhavani river affected the Sathyamangalam, Gobichettipalayam and Anthiyur taluks. The LBP canal which was built for the irrigation purpose was also flowing to its maximum capacity with 2300 cusecs. In case of Mettur dam the cauvery flows through Anthiyur before joining the Bhavani river at Kooduthurai, Bhavani affected many parts downstream of the river like the Bhavani, Erode, Kodumudi and Modakurichi taluks.

❖ **Bhavani sagar reservoir:**

Due to the heavy downpour of rains in the catchment areas of ooty, the pillur dam reached the maximum capacity of 97 feet. As the inflow rose, simultaneously release of water from the Pillur to Bhavanisagar also increased. The following details of **Pillur dam** briefly give an overview of situation in Bhavanisagar.

Date	Water Level (ft)	Storage (mcft)	Inflow (cusecs)	Outflow (cusecs)
15.8.18	97	1493	19554	32687
16.8.18	92	1382	15547	27768
17.8.18	90	1340	22163	34868
18.8.18	95	1448	18469	29326
19.8.18	97	1493	9464	16898

2.2 Impact of the flood due to Bhavanisagar release is as follows:

Date	Outflow (cusecs)	Taluk	Affected Area	Families Evacuated
15.08.2018	37200	Sathyamangalam	Rangasamudram (Parisal Thurai),	12
			Kottuveerampalayam (Muniyappan koil street),	10
			Komarampalayam (Fathima nagar)	26
		Gobi	Nanjai Puliyampatti	9

As the water entered the localities, the families were evacuated and shifted to relief camps. No major damages were reported.

Date	Outflow (cusecs)	Taluk	Areas Affected	Families evacuated
16.8.2018	47700	Sathyamangalam	Rangasamudram	38
			Kottuveerampalayam	26
			Alathukombai	12
			Komarapalayam	64
			Ikkarainegamam	13
		Gobi	Ammapalayam (Rakanaampalayam colony)	46
		Anthiyur	Athani (odai medu)	45
			Kuppandampalayam	67

In Gobi taluk of Melvani, 63 houses were damaged out of which 23 houses were encroachments. Then in Kasipalayam firka and vaniputhur firka, totally 170 ares of coconut and banana plantation damages were reported. In Rakkanampalayam Ganesan puthur road, the habitations were isolated due to the rise in water level.

In Anthiyur taluk, Kuppanapalayam village the water level reached 5 feet by 16th night. And in case of Keelvani group village 31 houses were submerged and watered entered into the crop fields affecting the tamarind

Date	Outflow (cusecs)	Taluk	Areas Affected	Impact (Partial/Complete submergence, Crop damage, Houses affected)
17.8.2018	72700	Sathyamangalam	Rangasamudram Kottuveerampalayam Alathukombai Komarapalayam Ikkarainegamam	14.82 hectares of agricultural crops damaged. (29 farmers) 32.60 hectares of Horticultural crops damaged. (73 farmers)
		Gobi	Vaniputhur (Nanajaipuliyampatti)	46 houses-partially

) &(Perumugai)	submerged
		Bhavani	Perunthalaiyur Vairamangalam B Mettupalayam Chinnapuliur	1.98 2.40 3.79 Hectares of crop submerged

In Gobi taluk of vaniputhur, the water level raised to 3 feet which surrounded the Panchayat office, VAO office and the Anganwadi centre blocking the entry into the buildings. Houses in the riverbed were submerged.

❖ **Mettur reservoir:**

The outflow from the mettur increased from 27500 to 48500 cusecs on 11th august. The PWD officials of mettur dam and the District Collector periodically passed the message on the inflows and the outflows. Based on this collector alerted the officials and IDZT teams. Through the tom-tom the public were sent warning messages to not go for bathing or fishing in the river. The drastic surge in the outflow to 10800 cusecs led to evacuation of 60 families in Bhavani taluk. As the water level rose to 111085, crops submerged and more families had to shift to the relief camps. Between, the geographical location of Anthiyur taluk is distinct from others as both cauvery and Bhavani rivers pass through the either side of the southern edges of the taluk. The outflow from the Bhavani did not have any impact whereas the cauvery overflowed.

Date	Outflow (cusecs)	Taluk	Affected area	Impact (Affected/ Submerged/ Damaged)
15.08.2018	91074	Anthiyur	Ammapettai 'A' Meenavar street	2 houses
16.08.2018	150152	Anthiyur	Ammapettai 'A' Meenavar street	1 house
17.08.2018	169000	Anthiyur	Ammapettai 'A' Kamaraj street	2 houses
18.08.2018	174518	Anthiyur	Ammapettai 'A' Old maariamman Kovil street	2 houses

❖ **2.3 Post Confluence of Bhavani and Cauvery rivers:**

The Sangameswarar temple built at the confluence of Bhavani and cauvery is famous and most visited pilgrimage center located at kooduthurai, Bhavani. The

outflow of cauvery itself reached 91074 cusecs and after merging it increased to 101352 cusecs which resulted in water level rising to 6 feet from the riverbed.

Date	Outflow (cusecs)	Taluk	Areas Affected	Impact (Affected/Submerged/Damaged)
16.08.2018	200152	Bhavani	Koundapadi-Aapakoodal road	Water flow over the bridge
		Erode (East)	Vairapalayam	17-houses affected
		Erode (North)	Anainasuvampalayam	14-houses affected
		Modakurichi	Parisal thurai	2-houses encroached houses affected Vinayagar statue completely submerged
		Kodumudi	Eluputhopu Vadakku theru Nanjai Kilambadi Nanjai kolanelli	Water level upto 2 feet affected 20 houses Water level upto 2 feet affected 12 houses 40 houses 11 houses

Date	Outflow (cusecs)	Taluk	Areas Affected	Impact (Partial/Complete submergence, Crop damage, Houses affected)
		Bhavani	Market area, Kaveri street, Palakarai street, Nethaji nagar	44 54 18 50
		Erode (East)	Vairapalayam S.S.Agraharam	9 2

17.8.2018	244000	Erode (north)	Vaikaal street Seetharam Iyer steet Elavamalai Mettunasuvamp alayam	14 11 2.87 hectares 0.90 hectares
		Modakurichi	Lakkapuram Parisal thurai Kangeyampalay am	2 houses 9 houses
		Kodumudi	Vegambur A Kasipalayam Kodumudi 'A' village- Vadakku theru Kilambadi- Nanjai kilambadi Nanjai kolanelli Unjalur	10 houses Water level till 4feet 12 houses 0.24 hectare 23 houses 30 houses 2 houses

In Kodumudi, majority of the crops were submerged after the outflow reached beyond 2 lakh cusecs. In the same taluk, at kilambadi the community toilet was almost submerged when the water level rose to 5 feet. In Bhavani taluk, thiruvalluvar nagar at Thamarai kuttai 500 sand bags were placed to prevent the water entry. In Modakurichi, two houses and the pillars of the water pumping station were completely submerged.

On the 18th august the outflow was 233268 cusecs and hence the water level remained almost the same in all the taluks.

3. IMPACT OF BACKWATERS:

During the confluence of the rivers the heavy flow of cauvery with more than 1 lakh cusecs thwarted the normal flow of Bhavani leading to back waters. At some places in Bhavani, back waters have flooded the residential areas. On 17th, near the Kadappanallur at perampichipalayam nearly 7 houses were damaged completely. At Oricheri- Bhavani aapakoodal main road and singampettai nearly 2.70 hectares of crop damages occurred.

At Jambai- kalungeri area, 37 houses 54 hectares of land were surrounded by waters. As the water receded 5 hectares crop damage were reported.

4. CRISIS MANAGEMENT

Some of the unexpected incidents were witnessed and those crisis were handled well through proper coordination with PWD, Fire, Police and 2 SDRF teams. These

are worth mentioning as they serve as additional inputs for the future disaster preparedness.

On the night of 15th August, at Bhavani the heavy rush of water carried water hyacinth along with it which were spread unevenly in the river stream. Near the bridge, the piled up water hyacinth clogged the movement of water to other side. This was brought to the notice of the Collector and the District administration decided to remove those aquatic weeds immediately. Hitachi excavators and vehicles were arranged by the PWD to remove and dispose them. Had it not been removed water would have flowed over the bridge impacting the same.

In other case, at Modakurichi Nattatheeswarar temple, located in the river stream, one cow and 2 calves were stuck inside the temple. As the level of water spurted the cows could not be brought to the shore. Though the cows were sheltered at a safe place inside the temple, they were starving without the feed. On 17th evening a 9 member team of Animal husbandry, Fire, Local people with the help of boat rescued the cows.

Also, the walls of samundeeswari temple at Modakurichi collapsed as the the soil underneath was loosened and no casualties except for physical damage.

5. DISTRICT DISASTER MANAGEMENT PLAN:

The activities carried out as a part of DDMP is explained briefly:

5.1. Pre Disaster:

5.1.1 Planning:

- ❖ First responders had been already identified.
- ❖ InterDepartmental zonal teams had been put in place.
- ❖ Circular for preparedness with clear instructions were issued to all the line departments.
- ❖ Kudimaramathu works were carried out with the community participation.

5.1.2 Early warning:

- ❖ Forecasts received from CWC, neighbouring District administration, Dam authorities and the same has been communicated to the local authorities.
- ❖ After receiving the flood alerts, early warning had been issued to all the line departments, First responders, Community of expected vulnerable areas and also anticipated areas that were likely to get affected due to release of excess water from the dams.
- ❖ Though vulnerability areas had been identified and mapped, public from the most of the low lying unidentified areas were alerted and evacuated.
- ❖ Control room in the collectorate was kept functioning round-the-clock.

5.1.3 Information dissemination:

- ❖ The information regarding the flood alert had been disseminated through media, tom- tom, mike and through field functionaries and local authorities.

5.1.4 Preparedness:

- ❖ Adequate mock drills were conducted to sensitise people on how to respond to the disaster alerts.
- ❖ Relief centres/ public buildings were identified and kept available.
- ❖ Alternative sources for Power and water supply were identified.
- ❖ The personnel and manpower from various services like fire, police, Electricity board, pump operators, sanitary workers, local volunteers etc were kept available.
- ❖ Ensured availability of vehicles to transport people from affected areas to relief centres
- ❖ Availability of health personnel and medicines ensured.
- ❖ Essential commodities were stocked at the vulnerable points.

5.2 During Disaster:

With the continuous discharge of water from the mettur dam and the Cauvery river, 50 villages of 7 taluks in Erode District were inundated. This sudden floods led to evacuation of those affected families. The people and animals had been temporarily relocated to relief shelters. SDRF teams were sent to the affected areas for immediate rescue by TNSDMA.

- ❖ Control room was continuously updating the information regarding the inflow and outflow of waters as well as the number of relief camps in each taluk to the State Disaster management cell.
- ❖ In case of updates regarding the water levels, the information was disseminated to the DDMA, IDZT and the revenue and the local authorities.

5.2.1 Evacuation:

From all the vulnerable points, people were evacuated to nearby safer locations like Schools, Marriage and community halls. The following are the details of the number of families shifted to the **relief centres** in the respective taluks of Erode District.

S.No	Name of the Taluk	Name of the Relief Centres	No. of families	Total no. of persons Evacuated
1	Erode	Union Primary School, cauvery Karai, Vairapalayam,Erode.	28	77
2	Erode	PS Marriage hall Anainasuvampalayam	21	73
3	Modakurichi	Panchyat Union Elementary School, Kangayempalayam.	6	16

4	Bhavani	Govt.Girls Hr. Sec.School, Bhavani	44	162
5	Bhavani	Thelungu Chettiyar Thirumanamandabam, Bhavani	44	136
6	Bhavani	Govt. Middle School, Kamaraj Nagar, Bhavani	54	172
7	Bhavani	Municipal Middle School, (East) Bhavani	18	80
8	Bhavani	Kandhasiramam Mandabam, Bhavani.	83	286
9	Bhavani	Municipal Elementary School (North), Bhavani	97	347
10	Bhavani	Menatchi Kalyana mandabam	61	230
11	Bhavani	Serayampalayam PU School P.Mettupalayam	23	115
12	Bhavani	Bhavani Old Busstand	44	162
13	Bhavani	Seenivasapuram	0	0
14	Bhavani	Palanipuram	0	0
15	Bhavani	Somasundarapuram	61	230
16	Bhavani	Market street	0	0
17	Bhavani	Jambai- Ricemill	10	35
18	Bhavani	Bhavani- Thiruvalluvar Nagar	75	248
19	Bhavani	Appakoodal Town Samuthyakoodam	18	63
20	Bhavani	Palakkarai street	0	0
21	Gobichetti palyam	Panchayat Union Middle School, Perunthalaiyur.	12	26
22	Gobichetti palyam	Girama Public Service Centre,Najaipuliyampatti, Gobi	0	0
23	Gobichetti palyam	Panchayat Union Middle School, Mevani, Gobi	0	0
24	Gobichetti palyam	Pachayat Union Primary School, Ammapalayam, Gobi	0	0
25	Gobichetti palyam	Mevani Middle school	28	38
26	Gobichetti palyam	Ganeshapuruthur PU School	66	225
27	Gobichetti palyam	Perunthalaiyur Anganvadi Indra	12	36

		nagar		
28	Gobichetti palyam	Bangalaputhur T.N Palayam	48	158
29	Kodumudi	Seetharam Kalyana Mandapam, Kodumudi	62	214
30	Kodumudi	SAP Mandapam, Kodumudi	19	62
31	Kodumudi	Kasipalayam Samuthaya Koodam, Vengambur	16	41
32	Kodumudi	Panchayat Union Middle School, Malayampalayam	63	166
33	Kodumudi	Throwbathyamman Kovil, Chathirappatty, Nanjai Kolanalli	41	133
34	Anthiyur	Community Hall, Athani	12	34
35	Anthiyur	Govt.H.Sec school Moongilpatti	51	154
36	Anthiyur	Kuppandam palayam - PU School Karungalvadi	41	170
37	Anthiyur	Athani Samuthayakoodam	0	0
38	Anthiyur	Ricemill -Athani	35	132
39	Sathya mangalam	P.u.Primary School Allathukombai	20	73
40	Sathya mangalam	Thoddampalam P.U.Primary School	62	187
41	Sathya mangalam	Kottuvirampalayam Annaikombu mandapam	45	246
42	Sathya mangalam	Rangasamuthram S.R.N School	20	66
43	Sathya mangalam	Komarapalayam Angalamman Thirumanamandapam	68	252
44	Sathya mangalam	Puthukalaiyanur Govt.High School Indiyampalayam	27	114
45	Sathya mangalam	Palaiyakalaiyanur	0	0
46	Sathya mangalam	Makkinangambai	0	0
47	Sathya mangalam	Ikkarathathappali P.U.Primary School	0	0
48	Sathya mangalam	Ikkarithathappalli	0	0
49	Sathya mangalam	Arriyapampalayam Sri Ragaventhra Higher Secondary School Sathyamangalam	56	294
50	Sathya mangalam	Makkinangambai Kamachiamman Kovil Mandapam	183	558
51	Sathya mangalam	Thodampallayam Relative House	0	0
52	Sathya mangalam	Annanagar Rangasamuthiram Govt.H.Sec School	50	220

53	Sathya mangalam	Agraharam Anaikkombu Mahal	30	120
54	Sathya mangalam	Chennimooanur Mahal	74	255
55	Sathya mangalam	Moolakkarai Thirumanamandabam	0	0
56	Sathya mangalam	Anaikal Mandabam Kottuveerampalayam	15	50
57	Sathya mangalam	Ariyappampalayam Middle school	0	0
58	Sathya mangalam	Karattur Ragavendra Marriage Hall	82	307
59	Sathya mangalam	Fathima Nagar Ragavendra Marriage Hall	0	0
60	Sathya mangalam	Alathukombai Angalamman Kovil	0	0
61	Sathya mangalam	SRT School Konamoolai	74	255
62	Sathya mangalam	Sirumugai Govt. Middle School Alathukombai	20	73
63	Sathya mangalam	Ikkarai Nagamam Samuthyakoodam Mandabam Arachalur	35	152
64	Sathya mangalam	Makkinamkombai Mahakaliyamman Kovil Mandabam	183	558
65	Sathya mangalam	Konamoolai	0	0
66	Sathya mangalam	Arachur Devangapuram Kamatchiyamman kovil Mandabam	259	786
67	Sathya mangalam	Pudhu kothukadu High school - Indipalayam	36	147
Total			2532	8734

5.2.2 Search and Rescue:

There were search and rescue teams involving SDRF, Police and fire service personnel deployed at all sensitive locations. Revenue officials pacified the public to move to the relief shelters. It was due to the coordination among the police and the revenue officials that District administration was able to act swiftly.

- ❖ In Gobi taluk, Bodichinnampalayam village 3 persons were trapped in an agricultural field due to sudden flood and were rescued with the help of local fisherman using coracles.
- ❖ Two newly born infants along with the mothers were shifted to GH to avoid complications.

5.2.3 Isolating the flood affected regions:

- ❖ Barricades and ropes were placed to prevent the people from reaching their houses submerged in water (since people frequently visit their habitations to

oversee their things from theft).

- ❖ At Modakurichi, Bhavani, Sathyamangalam, kodumudi, 4 temples located on the river banks were isolated from public approaching it. (Curiosity of the people to view the flood affected place and its water level).
- ❖ Bridge over Bhavani river at perunthalayur village, Bhavani taluk was submerged and transport services diverted through alternative routes.
- ❖ Erode - sathyamangalam main road near arasur also submerged and transport services were diverted.
- ❖ Security personnel were also deployed at such places as public were thronging to take selfies especially at Bhavanisagar and Kodiveri dams.

5.2.4 Facilities/ Services provided at Relief centres:

- ❖ Sufficient quantity of Food, drinking water, milk were through volunteers, NGOs, people's representatives. Community kitchens were arranged by the department with the help of local people at few places.
- ❖ Blankets, Sarees, Dhoties, Children wear and mats were distributed.
- ❖ Mobile medical units visited the relief shelters round the clock.
- ❖ Gen-sets provided to all centres to provide uninterrupted power supply.
- ❖ Sanitary workers were deployed for cleaning the relief centres, toilets and chlorinated the water supply to ensure hygienic conditions. Fogging was done at all relief locations to prevent mosquito bites.
- ❖ Security with the help of adequate police force provided at all possible locations.
- ❖ In inundated areas fire service personnel were deployed to ensure safe relocation of the residents.
- ❖ Frequent visit of people's representatives and officials to provide mental support to the public and also to ensure that the adequate facilities were provided to them.
- ❖ Care has been extended to the animals rescued by the animal husbandry department.

5.2.5 Prevention of Epidemic outbreak:

- ❖ Supply of chlorinated drinking water to the public (affected and non affected).
- ❖ Application of bleaching powder at all affected and also in the vicinity of those affected places. (Water stagnated and inundated areas).
- ❖ De-watering pumps were used to pump out the water from stagnated resident areas.
- ❖ Ensured sanitation to all public toilets and toilets at relief centres.
- ❖ Close monitoring by the staffs at health camps for chances of outbreak of diseases and Cleaning of drainage channels.

5.3 Post disaster:

The sterilisation of areas were carried out after draining of waters, through bleaching and liquid chlorination to ensure hygiene. The power was restored with the gradual receding of waters from the areas. After ensuring the stability and safety of the houses, people from the relief centres were sent back to their houses.

Relief package of 5kg rice, 2 litres kerosene and Rs.1000 cash were given to the affected families.

5.3.1 Damage Assessment:

The damages of houses and crops were assessed and categorised as partial and complete. Based on the assessment the compensation to affected families were determined.

House damage:

S. No	Name of the Taluk	Number of houses damaged
1	Erode	52
2	Kodumudi	248
3	Gobi	132
4	Bhavani	713
5	Sathyamangalam	477
6	Modakurichi	11
7	Anthiyur	153
TOTAL		1786

For house damages the relief amount was distributed through ECS to all the affected families.

Crop Damage:

Agriculture, Horticulture and Sericulture crop damages reported in Erode District are listed below:

Agriculture crops:

S.No	Name of the Taluk	No of affected farmers	Total Extent cultivated (In Hectares)	Total Extent damaged (In Hectares)
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1	Erode	6	0.92	0.84
2	Kodumudi	63	17.26	12.16
3	Perundurai	0	0.00	0.00
4	Gobi	3	0.90	0.90
5	Bhavani	18	18.028	9.767
6	Sathy	22	34.951	10.020
7	Modakurrichi	-	Nil	Nil
8	Anthiyur	-	Nil	Nil
Grand Total		112	72.06	33.687

Horticulturecrops:

S.No	Name of the Horticultural Crop	Total Extent cultivated (In Hectares)	Total Extent damaged (In Hectares)
1	Banana	79.79.0	55.94.0
2	Mango	0.80.0	0.20.0
3	Papaya	2.30.0	1.20.0
4	Ashgourd	0.14.0	0.14.0
5	Drumstick	0.55.0	0.55.0
6	Onion	1.23.0	1.07.5
7	Tapioca	3.04.0	2.18.0
8	Water melon	0.30.0	0.30.0
9	Yam	0.43.0	0.29.0
10	Turmeric	29.21.0	23.18.5
11	Chillies	0.10.0	0.10.0
12	Arecanut	0.20.0	0.20.0
13	Jasmine	1.35.0	1.35.0
14	Turmeric	1.08.5	1.08.5
Total		120.525	87.795

Sericulture Crops:

S.No	Name of the Taluk	Total Extent cultivated (In Hectares)	Total Extent damaged
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			(In Hectares)
1	Bhavani	7.92	7.09
Total		7.92	7.09

Infrastructure damage:

The damages were assessed by the Engineers at field level and reported the extent of structures damaged.

S. No.	Department	No. of structures damaged	Amount required for temporary restoration (Rs. in lakhs)
1	TWAD	32 WORKS	460.63
2	TWAD	5 WORKS (PERMANENT RESTORATION)	34.37
3	PWD	6 WORKS	79.20
TOTAL		43	574.20

❖ Necessary proposals had been sent for requirement of funds.

Identification of new vulnerable areas:

Based on past history of rainfall and inundation, only 5 vulnerable areas were identified by the DDMA. With the recent deluge cauvery and bhavani, additionally 108 areas were identified and marked as new vulnerable areas.

S. No.	Classification of vulnerable area	Vulnerable areas which will be affected by heavy rainfall only	Vulnerable areas which will be affected by floods in River Cauvery and Bhavani only	Total
1	Very High Vulnerability	0	0	0
2	High Vulnerability	0	61	61
3	Medium vulnerability	31	06	37
4	Low vulnerability	03	12	15
Total		34	79	113

Table- Category of vulnerable areas

Water levels were marked at the recent flood affected areas and the vulnerability maps were also updated. The category of very high vulnerable area was not reported in any taluk.

AN ASSESSMENT ON FLOOD WATERS

In addition to the marking of vulnerable points and geotagging the same, we have also noted the height of water reached corresponding to the outflow levels in all the flood affected Taluk which will serve as reference points for future evacuation process.

Kodumudi Taluk

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	16.08.2018	Cauvery	Nanjai Kolanalli Chathirapatti (Periyasamy and thirteen others)	214573	7 Mts	1 feet
2	17.08.2018	Cauvery	Nanjai Kolanalli Chathirapatti (Periyasamy and thirteen others house and Shanmugam and thirteen others houses)	246145	9 Mts	3 feet
					9 Mts	2 feet
3	18.08.2018	Cauvery	Nanjai Kolanalli Chathirapatti (Periyasamy and thirteen others house, Shanmugam and thirteen others houses and Lakshmi and twelve others house)	240424	8.5 Mts	5 feet
					8.5 Mts	3 feet
					8.5 Mts	2 feet
S.No	Date	Name of the river	Sub merged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited	Height/ level of the water from the river

					areas	bed
1	16.08.2018	Cauvery	Kodumudi Eluppu thoppu (Muthusamy and thirty one others)	214573	10 Mts	1 feet
2	17.08.2018	Cauvery	Kodumudi Eluppu thoppu (Muthusamy and thirty one others and Sellammal and Fifty eight others)	246145	14 Mts	3 feet
					14 Mts	2 feet
3	18.08.2018	Cauvery	Kodumudi Eluppu thoppu (Muthusamy and thirty one others, Sellammal and Fifty eight others and Ramesh and Twenty nine others)	240424	13 Mts	5 feet
					13 Mts	3 feet
					13 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	16.08.2018	Cauvery	Nanjai Kilambadi Kombupalayam (Rani and twenty others house)	214573	6 Mts	2 feet

2	17.08.2018	Cauvery	Nanjai Kilambadi Kombupalayam (Rani and twenty others house and Balamani and twenty five others)	246145	9 Mts	3 feet
					9 Mts	2 feet
3	18.08.2018	Cauvery	Kodumudi Eluppu thoppu (Rani and twenty others house, Balamani and twenty five others and Kamalam and sixteen others)	240424	8 Mts	5 feet
					8 Mts	3 feet
					8 Mts	2 feet

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	16.08.2018	Cauvery	Central water Commission office, Kodumudi	214573	The water submerged the entrance steps in central water commission office	2 feet
2	17.08.2018	Cauvery		246145	The water submerged the entrance steps and flow inside the central water commission office	1 feet
3	18.08.2018	Cauvery		240424	The water submerged the entrance steps and flow inside the central water commission office	2 feet

Bhavani Taluk

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	15.08.2018	Cauvery	Padithurai	140000	8 Mts	4 feet
3	17.08.2018	Cauvery	Mariyappan – Parvatham house	150000	6.5 Mts	6 feet
4	18.08.2018	Cauvery	Pillyar Kovil step	200152	7.5 Mts	6.5 feet
5	19.08.2018	Cauvery	Kuppusamy – Thavasiyammal house	244000	8.5 Mts	7 feet
6	20.08.2018	Cauvery	Kuppusamy – Thavasiyammal house	240000	8.5 Mts	7 feet
9	17.08.2018	Cauvery	Regina begum house	244000	4.5 Mts	4 feet
10	18.08.2018	Cauvery	Vinayagar Kovil entrance	244000	5 Mts	7 feet
13	15.08.2018	Cauvery	Indhirani house	120000	3 Mts	6 feet
14	16.08.2018	Cauvery	Vinayagar Kovil	140000	6 Mts	8.5 Feet
15	17.08.2018	Cauvery	Vinayagar Kovil	140000	6 Mts	8.5 Feet
16	18.08.2018	Cauvery	Vinayagar Kovil end	150000	6.5 Mts	9 feet
17	19.08.2018	Cauvery	Vinayagar Kovil end	150000	6.5 Mts	9 feet
18	20.08.2018	Cauvery	Vinayagar Kovil end	150000	6.5 Mts	9 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water	Height/ level of the water
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					from river bank to inhabited areas	from the river bed
1	15.08.2018	Bhavani	Somasundarapuram Street (At Ranganathan house)	120000	1.5 Mts	3 feet
2	16.08.2018	Bhavani		140000	2.5 Mts	4.5 feet
3	17.08.2018	Bhavani		140000	2.5 Mts	6 feet
4	18.08.2018	Bhavani		150000	3 Mts	7 feet
5	19.08.2018	Bhavani		150000	3 Mts	7 feet
6	20.08.2018	Bhavani		150000	3 Mts	8 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	15.08.2018	Cauvery	Kandhanpattarai Padithurai	140000	4.5 Mts	2 feet
2	16.08.2018	Cauvery	Kandhanpattarai Padithurai	140000	4.5 Mts	2 feet
3	17.08.2018	Cauvery	Gopal house	150000	6 Mts	4 feet
4	18.08.2018	Cauvery	Vinayagar Temple	150000	8 Mts	5 feet
5	19.08.2018	Cauvery	Vinayagar Temple rear end	150000	8.5 Mts	7 feet
6	20.08.2018	Cauvery	Vinayagar Temple rear end	150000	8.5 Mts	7.5 feet

Modakuichi Taluk

S. No	Date	Name of the river	Submerged /Affected area	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height / level of the water from the river bed
1	15.08.2018	Cauvery	Parisal Thurai	84402	Flow within the stream	-
2	15.08.2018	Cauvery	Kangayampalaya	84402	Flow within the stream	-
3	15.08.2018	Cauvery	Mannatham Palayam	84402	Flow within the stream	-
4	15.08.2018	Cauvery	Parisal Thurai	214573	2 Mts	2
5	16.08.2018	Cauvery	Kangayam Palayam	214573	2 Mts	4
6	16.08.2018	Cauvery	Parisal Thurai	214573	3 Mts	2
7	16.08.2018	Cauvery	Kangayam Palayam	214573	3 Mts	-
8	16.08.2018	Cauvery	Parisal Thurai	226792	3 Mts	2
9	17.08.2018	Cauvery	Kangayam Palayam	226792	3.2 Mts	9
10	17.08.2018	Cauvery	Mannatham Palayam	226792	2.6 Mts	-
11	17.08.2018	Cauvery	Parisal Thurai	246145	3.2 Mts	2
12	17.08.2018	Cauvery	Kangayam Palayam	246145	3.7 Mts	9
13	17.08.2018	Cauvery	Mannatham Palayam	246145	3.7 Mts	-
14	18.08.2018	Cauvery	Parisal Thurai	246145	3.2 Mts	2
15	18.08.2018	Cauvery	Kangayam Palayam	246145	3.7 Mts	9

Gobichettipalayam Taluk

S.No	Date	Name of the river	Submerged /Affected area	Out flow (Cu secs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	15.08.2018	Bhavani	Vaniputhur Nanjaipuliyampatti (Parisalthurai Veethi)	41271	2.5 Mts	-
2	16.08.2018			60208	5 Mts	5 feet
3	17.08.2018			58750	4 Mts	4 feet
4	15.08.2018	Bhavani	Vaniputhur Perumugai -B (Adsapalaiyam)	41271	2.5 Mts	-
5	16.08.2018			60208	5 Mts	5 feet
6	17.08.2018			58750	4 Mts	4 feet
7	15.08.2018	Bhavani	Kugalur Ammapalayam (1.Mevani to Ammapalayam road 2.Ammapalayam to Ganeshanputhur road)	41271	2.5 Mts	-
8	16.08.2018			60208	5 Mts	5 feet
9	17.08.2018			58750	4 Mts	4 feet
10	15.08.2018	Bhavani	Kugalur Mevani (1.Patel veethi 2.Mariamman Kovil veethi)	41271	2.5 Mts	4 feet
11	16.08.2018			60208	5 Mts	5 feet
12	17.08.2018			58750	4 Mts	4 feet

Anthiyur Taluk

S.No	Date	Name of the river	Submerged /Affected area	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	16.08.2018	Cauvery	Odimedu-Athani (Shanthi and fourty six house)	35000	2 Mts	4 feet
2	17.08.2018			47700	3.5 Mts	4 feet
3	18.08.2018			43000	3 Mts	4 feet
4	16.08.2018	Bhavani	Kuppandam palayam (Rasathi and sixty six house water)	35000	2 Mts	4 feet
5	17.08.2018			47700	3.5 Mts	4 feet
6	18.08.2018			43000	3 Mts	4 feet
7	16.08.2018	Bhavani	Keelvani Group (Pavunayal and thirty house water)	35000	2 Mts	4 feet
8	17.08.2018			47700	3.5 Mts	4 feet
9	18.08.2018			43000	3 Mts	4 feet

FUTURE PERSPECTIVES:

The recent experience of flood due to the overflow of dam waters is a lesson learnt for future disaster. The evacuation numbers are high as majority of the families reside along the banks of cauvery and bhavani encroaching the water courses.

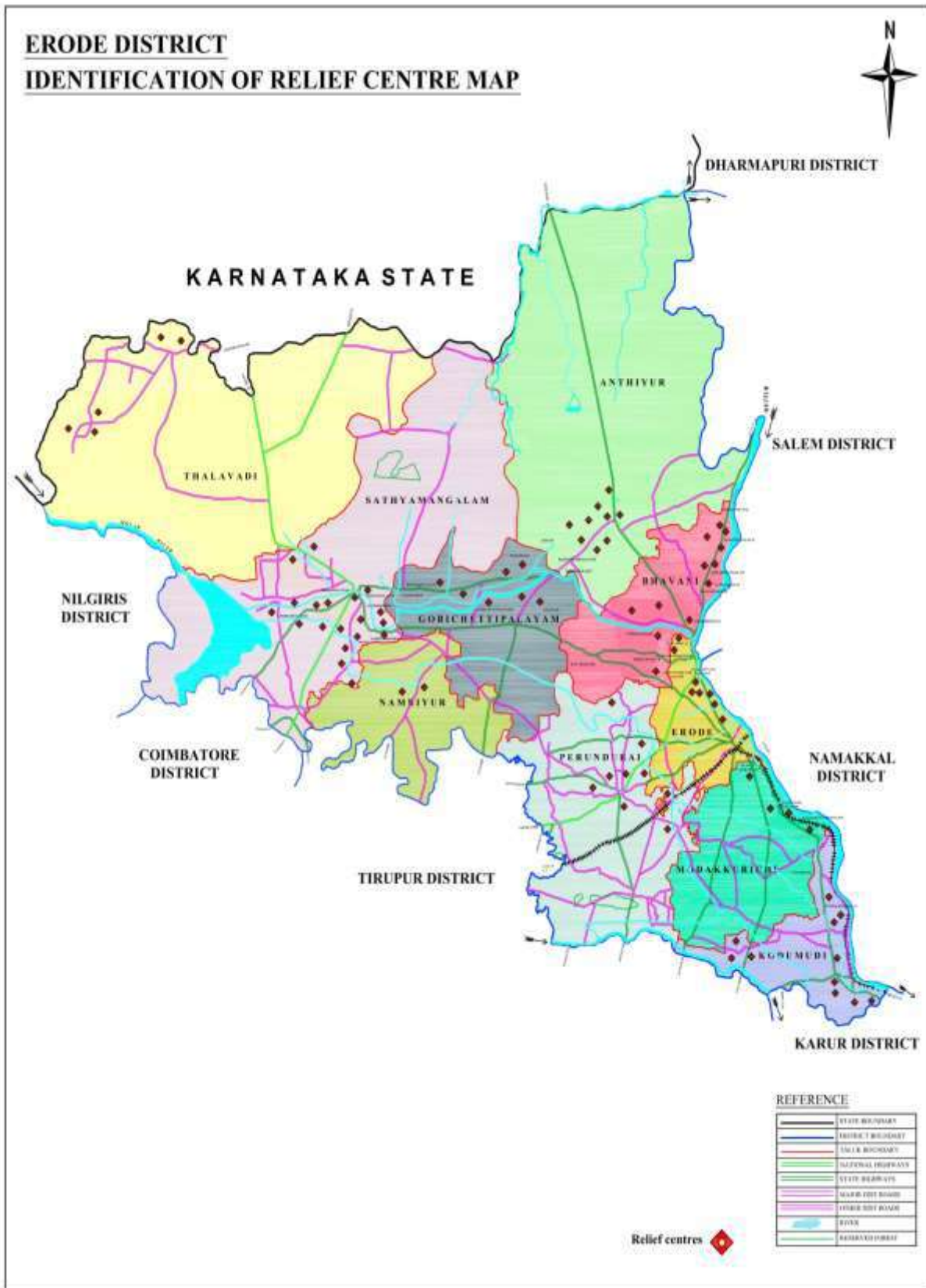
- ❖ Sensitisation about the vulnerability areas and the risks involved among the public.
- ❖ Encouraging more First time responders and inclusion of women responders as well.
- ❖ Resettlement of encroachers to alternative locations.
- ❖ Plan to prevent new encroachments in water courses.
- ❖ Extending desilting to more water bodies and also removal of trash and weed along the riverbanks.

To conclude, the disaster management framework implementation minimized the risks and the reduced the damages to a large extent. Awareness on Sendai framework can be created among the school and college students for better preparedness. The detailed assesment on water levels at the new vulnerable points would help in mitigating the risks involved due to unanticipated floods.

VULNERABLE AREA MAP

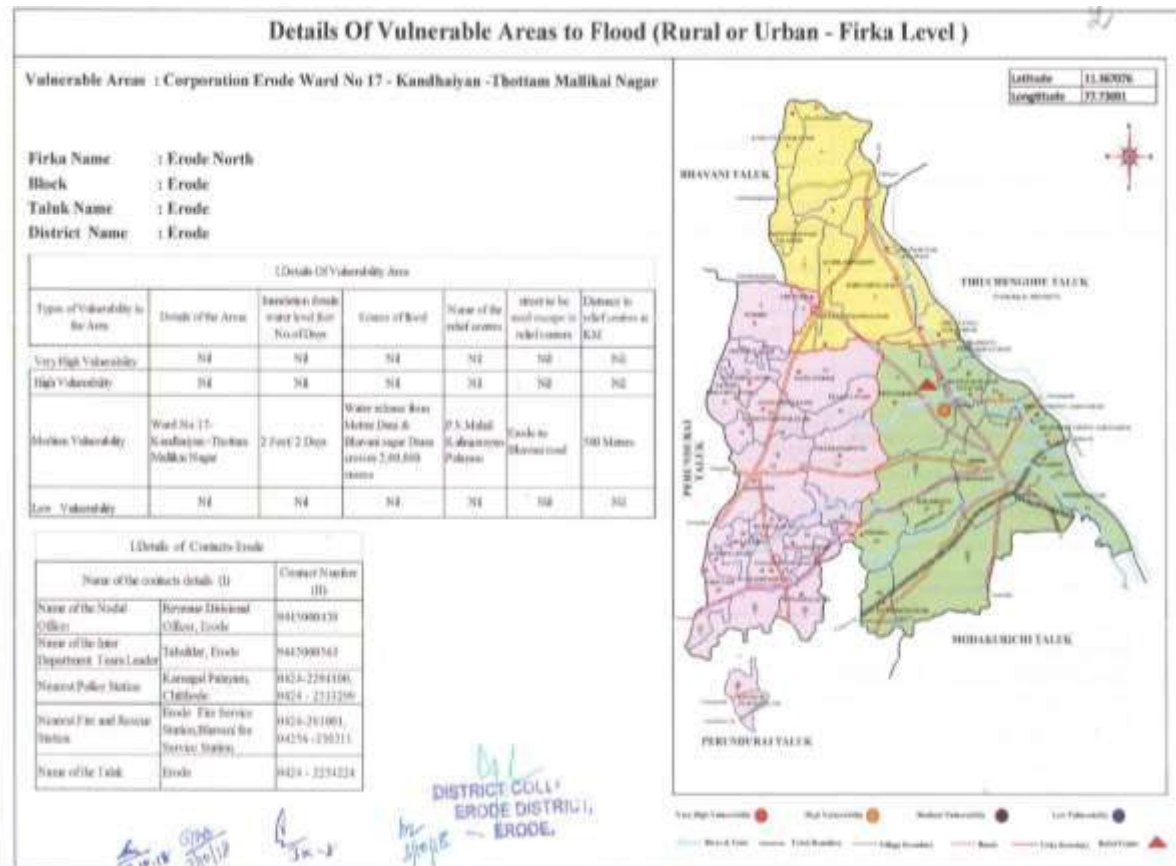
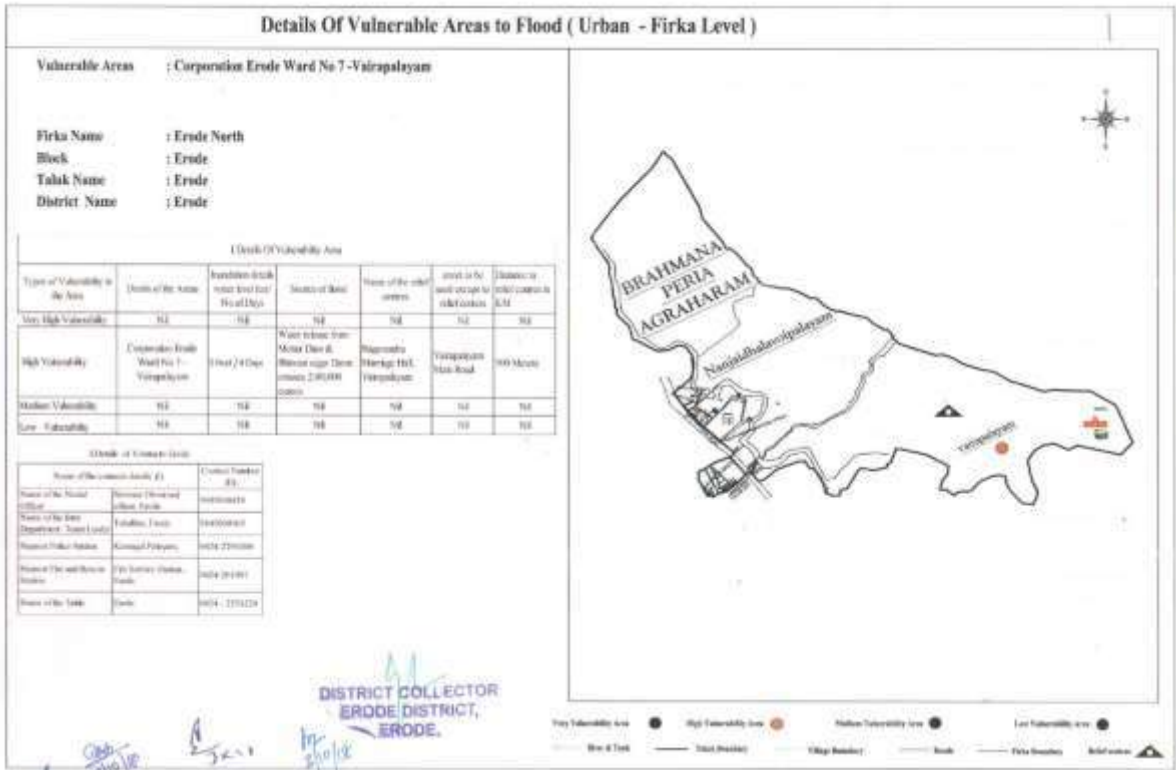


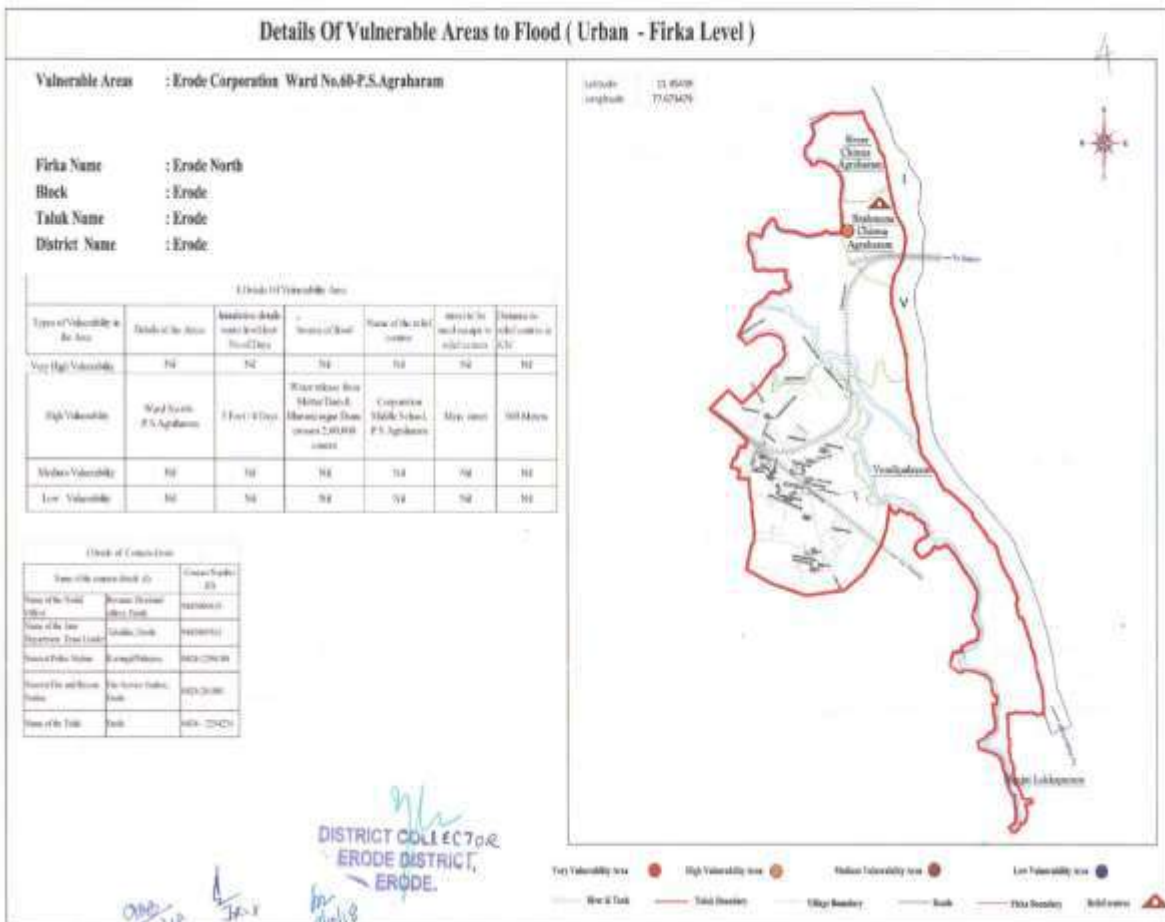
RELIEF CENTRE MAP



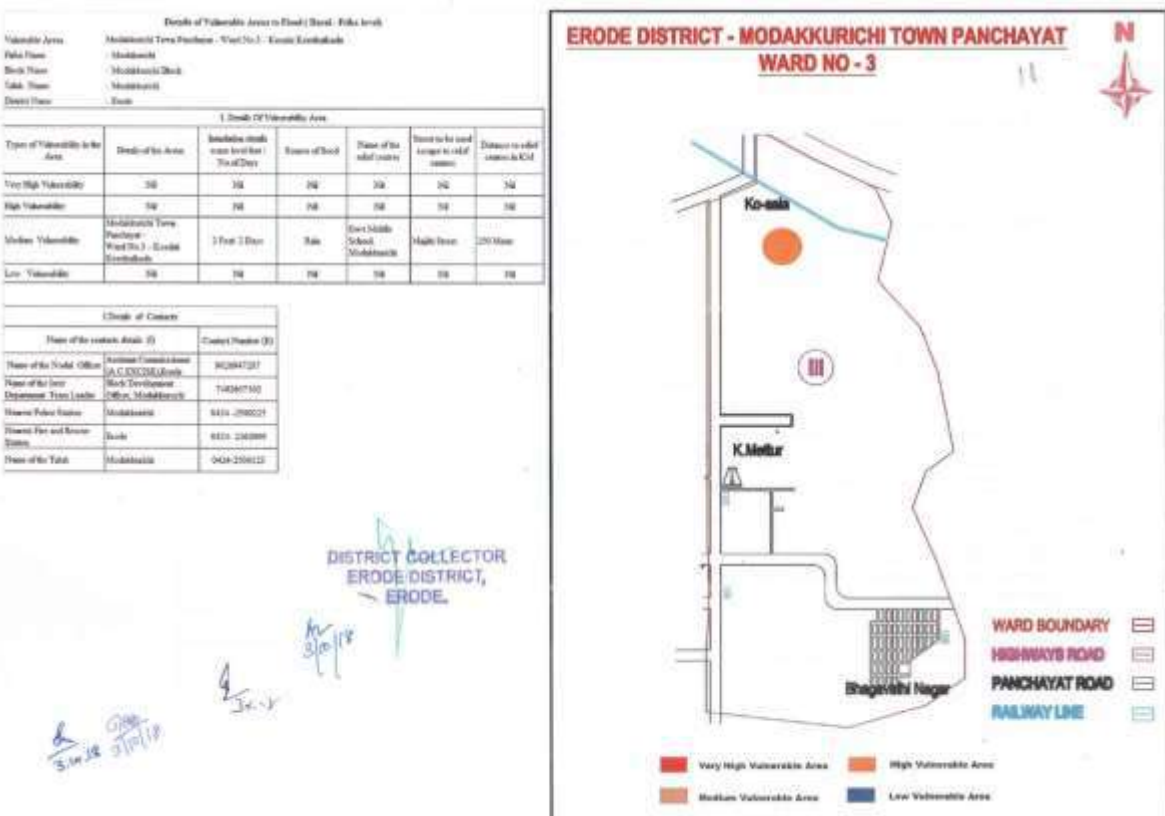
Vulnerable Firka level Map

Erode Taluk :





Modakurichi Taluk



Details of Vulnerable Areas to Flood (Rural - Pkca level)

Vulnerable Area: Modakkurichi Town Panchayat - Ward No.15 - Gouda Street, Nalappalayam

Village Name: Modakkurichi

Block Name: Modakkurichi Block

Taluk Name: Modakkurichi

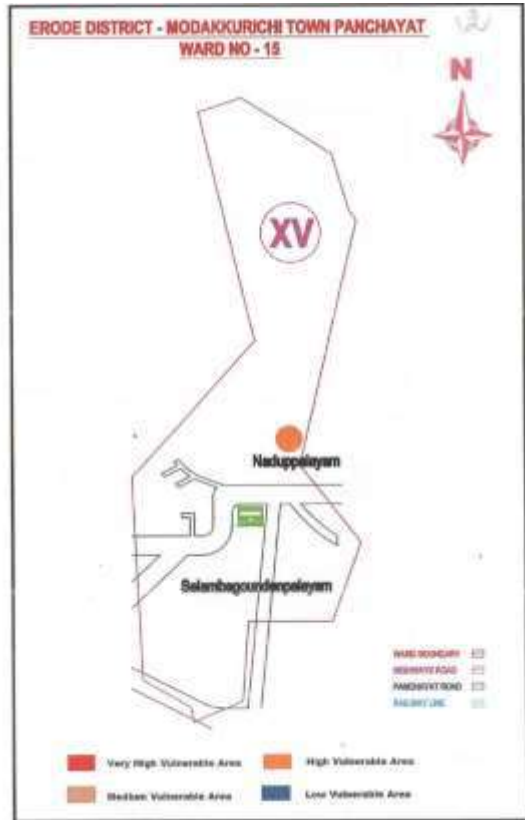
District Name: Erode

I. Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Inundation details water level (ft) / No of Days	Source of flood	Phase of the relief centre	Street to be used except to relief centre	Distance to relief centre in KM
Very High Vulnerability	50	50	50	50	50	50
High Vulnerability	50	50	50	50	50	50
Medium Vulnerability	Modakkurichi Town Panchayat - Ward No.15 - Gouda Street, Nalappalayam	2 Feet 2 Days	Rain	Govt Middle School, Modakkurichi	High Street	210 Meters
Low Vulnerability	50	50	50	50	50	50

I. Details of Contacts	
Name of the contact details (A)	Contact Number (B)
Name of the Village Officer	Assistant Commissioner (A.C. (S&DR)) Erode
Name of the Area Development Team Leader	Block Development Officer, Modakkurichi
Nearest Police Station	Modakkurichi
Nearest Fire and Rescue Station	Erode
Name of the Taluk	Modakkurichi

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Details of Vulnerable Areas to Flood (Rural - Pkca level)

Vulnerable Area: Arachalur Town Panchayat Ward No.17 Pothupalai AD Colony

Village Name: Modakkurichi

Block Name: Modakkurichi Block

Taluk Name: Modakkurichi

District Name: Erode

I. Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Inundation details water level (ft) / No of Days	Source of flood	Phase of the relief centre	Street to be used except to relief centre	Distance to relief centre in KM
Very High Vulnerability	50	50	50	50	50	50
High Vulnerability	50	50	50	50	50	50
Medium Vulnerability	Arachalur Town Panchayat Ward No.17 - Pothupalai AD Colony	2 Feet 2 Days	Rain	Govt Middle School, Arachalur	High Street	210 Meters
Low Vulnerability	50	50	50	50	50	50

I. Details of Contacts	
Name of the contact details (A)	Contact Number (B)
Name of the Village Officer	Assistant Commissioner (A.C. (S&DR)) Erode
Name of the Area Development Team Leader	Block Development Officer, Modakkurichi
Nearest Police Station	Modakkurichi
Nearest Fire and Rescue Station	Erode
Name of the Taluk	Modakkurichi

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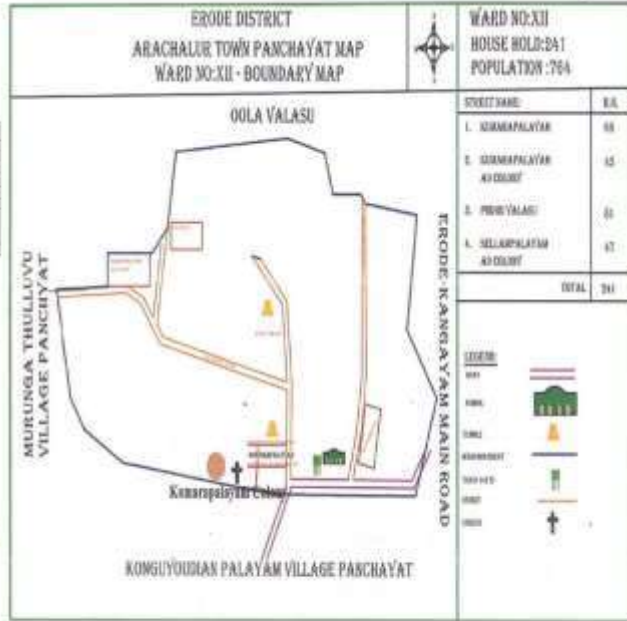
Details of Vulnerable Areas to Flood (Block - Palla level)

Vulnerable Area: Available Town Panchayat Ward No. 12 (Kangrayam Colony)

Water Flow: 1. Shallowly
 Bank Flow: 1. Shallowly to Bank
 Tidal Flow: 1. Shallowly
 Disaster Cause: 1. Earth

1. Details of Vulnerability Area						
Type of Vulnerability in the Area	Depth of the Area	Immediate Details (Area / Depth / Slope)	Area of Flood	State of the PAFI Control	Stand to be used (except to relief centers)	Distance to relief centers in KM
Very High Vulnerability	10	10	10	10	10	10
High Vulnerability	10	10	10	10	10	10
Medium Vulnerability	Available Town Panchayat Ward No. 12 (Kangrayam Colony)	2 Feet 2 Days	Rain	Open Market, School, Area	High Store	100 Meters
Low Vulnerability	10	10	10	10	10	10

1. Details of Control	
Name of the control device (A)	Contact Number (B)
Name of the Flood Officer	Available Town Panchayat (Kangrayam Colony) 9449712187
Name of the Area	Block Development Office, Madhavaram
Department / Team Leader	Office, Madhavaram
Phone Number	9449712187
Phone Fax and Mobile Number	9449712187
Name of the Tank	Madhavaram



Very High Vulnerable Area High Vulnerable Area
 Medium Vulnerable Area Low Vulnerable Area

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Details of Vulnerable Areas to Flood (Block - Palla level)

Vulnerable Area: Arampalayam Town Panchayat - Ward No. - AD 10th colony

Water Flow: 1. Shallowly
 Bank Flow: 1. Shallowly to Bank
 Tidal Flow: 1. Shallowly
 Disaster Cause: 1. Earth

1. Details of Vulnerability Area						
Type of Vulnerability in the Area	Depth of the Area	Immediate Details (Area / Depth / Slope)	Area of Flood	State of the PAFI Control	Stand to be used (except to relief centers)	Distance to relief centers in KM
Very High Vulnerability	10	10	10	10	10	10
High Vulnerability	10	10	10	10	10	10
Medium Vulnerability	Arampalayam Town Panchayat - Ward No. - AD 10th colony	2 Feet 2 Days	Rain	Open Market, School, Area	High Store	100 Meters
Low Vulnerability	10	10	10	10	10	10

1. Details of Control	
Name of the control device (A)	Contact Number (B)
Name of the Flood Officer	Available Town Panchayat (Arampalayam Colony) 9449712187
Name of the Area	Block Development Office, Madhavaram
Department / Team Leader	Office, Madhavaram
Phone Number	9449712187
Phone Fax and Mobile Number	9449712187
Name of the Tank	Madhavaram



Very High Vulnerable Area High Vulnerable Area
 Medium Vulnerable Area Low Vulnerable Area

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Details of Vulnerable Areas in Flood (Urban - Erode level)

Vulnerable Area: Upper Town Panchayat Ward No.2, Erode
 Title Name: Erode
 Book Name: Erode
 Tola Name: Erode
 Sheet Name: Erode

3.Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Seasonal details water level last Flood/Day	Source of flood	Flow of the tidal current	Area to be used escape to relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	NA	NA	NA	NA	NA	NA
Medium Vulnerability	Upper Town Panchayat Ward No.2 - Erode	2 Feet / Day	Construction water release from Karur Dam & Erode's upper dam (area covered 1,20,000 acres)	Construction Heritage Hill, Erode	Upper Town in Erode	1 Km
Low Vulnerability	NA	NA	NA	NA	NA	NA

3.Details of Contents	
Name of the contents details (I)	Contact Number (II)
Name of the Tola Office	Assistant Director of Agriculture, Erode
Name of the Town Department / Town / Locality	Urban, Erode
Name of the Police Station	Erode
Name of the Fire and Rescue Station	Erode
Name of the TMA	Erode

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Details of Vulnerable Areas in Flood (Urban - Erode level)

Vulnerable Area: Vengambur Special Grade Panchayat Ward No.2, Erode
 Title Name: Erode
 Book Name: Erode
 Tola Name: Erode
 Sheet Name: Erode

3.Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Seasonal details water level last Flood/Day	Source of flood	Flow of the tidal current	Area to be used escape to relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Vengambur special grade Panchayat Ward No.2 - Erode	2 Feet / Day	Construction water release from Karur Dam & Erode's upper dam (area covered 1,20,000 acres)	Construction Heritage Hill, Erode	Upper Town in Erode	100 m.
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

3.Details of Contents	
Name of the contents details (I)	Contact Number (II)
Name of the Tola Office	Assistant Director of Agriculture, Erode
Name of the Town Department / Town / Locality	Urban, Erode
Name of the Police Station	Erode
Name of the Fire and Rescue Station	Erode
Name of the TMA	Erode

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Details of Vulnerable Areas in Flood (Flood - Fells level)

Vulnerable Area	Kilambadi Town Panchayat Ward No.11 - Range police
Police Station	Kilambadi
Block Name	Kilambadi
Taluk Name	Kilambadi
District Name	Erode

I.Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Intensification details water level Foot Head/Depth	Source of Flood	Phase of the relief centres	street to be used to reach to relief centres	Distance to relief centres in KM
Very High Vulnerability	70	70	70	70	70	70
High Vulnerability	Shankar Hotel (Kilambadi) Ward No.11 - Range police	1 Foot 1 Day	Shankar Hotel (Kilambadi) Ward No.11 - Range police Dams & Storage water Dams across 2,75,000 cusecs	Kilambadi Kilambadi Kilambadi	Kilambadi Kilambadi Kilambadi	500 m
Medium Vulnerability	70	70	70	70	70	70
Low Vulnerability	70	70	70	70	70	70

II.Details of Contacts

Name of the contact details (A)	Contact Number (B)
Name of the Ward Office	Assistant Director of Agriculture Kilambadi 9842774202
Name of the In-charge Departmental Officer	Taluk, Kilambadi 99411 84499
Revenue Police Station	Kilambadi 94204-222793
Revenue Panchayat Office	Kilambadi 94204-222790
Name of the Taluk	Kilambadi 94204-222799

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Bhavani Taluk

Details of Vulnerable Areas in Flood (Bhavani - Fells level)

Vulnerable Area	Bhavani Municipality - Ward No.4 - (1) Station Police (2) Pumping Station Back Side
Police Station	Bhavani
Block Name	Bhavani
Taluk Name	Bhavani
District Name	Erode

I.Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Intensification details water level Foot Head/Depth	Source of Flood	Phase of the relief centres	street to be used to reach to relief centres	Distance to relief centres in KM
Very High Vulnerability	70	70	70	70	70	70
High Vulnerability	Bhavani Municipality - Ward No.4 - (1) Station Police (2) Pumping Station Back Side	1 Foot 1 Day	Shankar Hotel (Kilambadi) Ward No.11 - Range police Dams & Storage water Dams across 2,75,000 cusecs	Kilambadi Kilambadi Kilambadi	Kilambadi Kilambadi Kilambadi	100 m
Medium Vulnerability	70	70	70	70	70	70
Low Vulnerability	70	70	70	70	70	70

II.Details of Contacts

Name of the contact details (A)	Contact Number (B)
Name of the Ward Office	District A&B Director Welfare (Bhavani) 7738802318
Name of the In-charge Departmental Officer	Taluk, Bhavani 94470 00267
Revenue Police Station	Bhavani 94276 220225
Revenue Panchayat Office	Bhavani 94276 220211
Name of the Taluk	Bhavani 94276 220214

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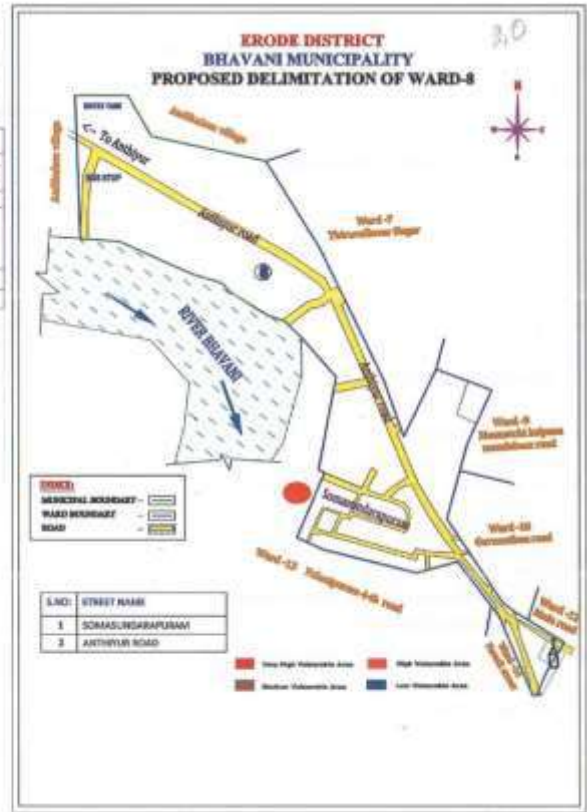


Details of Vulnerable Areas to Flood (Based - FSLs level)

Vulnerable Area	Bhavani Municipality - Ward No. 8 - Somasundarapuram					
Pillar Name	Bhavani					
Block Name	Bhavani					
Tahsil Name	Bhavani					
District Name	Erode					

Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Inundation details water level above Normal Days	Source of flood	Name of the relief centers	area to be used except to relief centers	Distance to relief centers in KM
Very High Vulnerability	70	70	70	70	70	70
High Vulnerability	Bhavani Municipality - Ward No. 8 - Somasundarapuram	3 Feet 7 Days	Neighbourhood water release from Middle Dam & Bhavani Nagar Dam (area 1,00,000 sqm)	Government / P.W.D. Bhavani	Government / P.W.D. Bhavani	100 km
Medium Vulnerability	70	70	70	70	70	70
Low Vulnerability	70	70	70	70	70	70

Details of Contacts	
Name of the contact details (A)	Contact Number (B)
Name of the Field Officer	734891276
Name of the Area Department Team Leader	9449 80097
Nearest Police Station	Bhavani 04216 230245
Nearest Fire and Rescue Station	Bhavani 04216 230211
Name of the Tahsil	Bhavani 04216 230234



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Details of Vulnerable Areas to Flood (Based - FSLs level)

Vulnerable Area	Bhavani Municipality Ward 13 - Palanpuram 1st & 4th street					
Pillar Name	Bhavani					
Block Name	Bhavani					
Tahsil Name	Bhavani					
District Name	Erode					

Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Inundation details water level above Normal Days	Source of flood	Name of the relief centers	area to be used except to relief centers	Distance to relief centers in KM
Very High Vulnerability	70	70	70	70	70	70
High Vulnerability	Bhavani Municipality Ward 13 - Palanpuram 1st & 4th street	5 Feet 3 Days	Neighbourhood water release from Middle Dam & Bhavani Nagar Dam (area 1,00,000 sqm)	Government / P.W.D. Bhavani	Government / P.W.D. Bhavani	100 km
Medium Vulnerability	70	70	70	70	70	70
Low Vulnerability	70	70	70	70	70	70

Details of Contacts	
Name of the contact details (A)	Contact Number (B)
Name of the Field Officer	734891276
Name of the Area Department Team Leader	9449 80097
Nearest Police Station	Bhavani 04216 230245
Nearest Fire and Rescue Station	Bhavani 04216 230211
Name of the Tahsil	Bhavani 04216 230234



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Details of Vulnerable Areas to Flood (River - Polla level)

Vulnerable Area	Bhavani Municipality Ward No. 20 - Pasuvesswara Street					
Police Station	Bhavani					
Block Name	Bhavani					
Taluk Name	Bhavani					
District Name	Tamil Nadu					

Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Areas	Inundation details water level/level/ Flood/Depth	Source of Flood	Phase of the relief centers	Area to be used average in relief centers	Distance to relief centers in KM
Very High Vulnerability	50	50	70	70	70	50
High Vulnerability	Bhavani Municipality Ward No. 20 - Pasuvesswara Street	1 Foot 3 Days	Groundwater water release from Marudhurai & Bhavani Nagar Dam across 2,00,000 acres	Govt/NGO/MS/MSM/MSM/MSM	Govt/MSM/MSM/MSM/MSM	100 Km
Medium Vulnerability	50	50	70	70	70	50
Low Vulnerability	50	50	70	70	70	50

Names of the centers details (E)		Center Number (E)
Name of the Hostel Office	District Adm Directorate, Bhavani Office	118801218
Name of the State Department/Zone/Center	Tamil Nadu, Bhavani	94433 00567
Nearest Police Station	Bhavani	94216 230243
Nearest Fire and Rescue Station	Bhavani	94216 230211
Name of the Taluk	Bhavani	94216 230214



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Details of Vulnerable Areas to Flood (River - Polla level)

Vulnerable Area	Bhavani Municipality - Ward No.21 - Keerankara Street / Thanthai Periyar Street					
Police Station	Bhavani					
Block Name	Bhavani					
Taluk Name	Bhavani					
District Name	Tamil Nadu					

Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Areas	Inundation details water level/level/ Flood/Depth	Source of Flood	Phase of the relief centers	Area to be used average in relief centers	Distance to relief centers in KM
Very High Vulnerability	50	50	70	70	70	50
High Vulnerability	Bhavani Municipality - Ward No.21 - Keerankara Street / Thanthai Periyar Street	1 Foot 3 Days	Groundwater water release from Marudhurai Dam & Bhavani Nagar Dam across 2,00,000 acres	Govt/MSM/MSM/MSM/MSM	Govt/MSM/MSM/MSM/MSM	100 Km
Medium Vulnerability	50	50	70	70	70	50
Low Vulnerability	50	50	70	70	70	50

Names of the centers details (E)		Center Number (E)
Name of the Hostel Office	District Adm Directorate, Bhavani Office	7318801218
Name of the State Department/Zone/Center	Tamil Nadu, Bhavani	94433 00567
Nearest Police Station	Bhavani	94216 230243
Nearest Fire and Rescue Station	Bhavani	94216 230211
Name of the Taluk	Bhavani	94216 230214



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Details of Vulnerable Areas in Flood (River - Erode level)

Vulnerable Area	Sharan Municipality Ward No.22 - Old Bus Stand	31 Mahesh Street
Police Station	Sharan	
Block Name	Sharan	
Tank Name	Sharan	
District Name	Erode	

I.Details Of Vulnerability Area						
Types of Vulnerability in the Area	Details of the Areas	Inundation details water level above Normal Days	Source of flood	Name of the relief centers	nearest to be used except to relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Sharan Municipality Ward No.22 - Old Bus Stand (Mahesh Street)	1 Feet - 1 Day	Groundwater water release from Sharan Dam & Sharan open Drain system	Government for school, Sharan	Shree Sharan High Road	100 Mts
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

II.Details of Contacts	
Name of the contacts details (I)	Contact Number (II)
Name of the Trench Officer	District Ad. District Welfare Officer
Name of the Senior Department Head/Leader	Talukha, Sharan
Name of the Police Station	Sharan
Name of the Fire and Rescue Station	Sharan
Name of the Tank	Sharan



Details of Vulnerable Areas in Flood (River - Erode level)

Vulnerable Area	Sharan Municipality Ward No.21 - Kalthokhal street	
Police Station	Sharan	
Block Name	Sharan	
Tank Name	Sharan	
District Name	Erode	

I.Details Of Vulnerability Area						
Types of Vulnerability in the Area	Details of the Areas	Inundation details water level above Normal Days	Source of flood	Name of the relief centers	nearest to be used except to relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Sharan Municipality Ward No.21 - Kalthokhal street	1 Feet - 1 Day	Groundwater water release from Sharan Dam & Sharan open Drain system (SHARAN Trench Sharan street)	Government for school, Sharan	Shree Sharan High Road	100 Mts
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

II.Details of Contacts	
Name of the contacts details (I)	Contact Number (II)
Name of the Trench Officer	District Ad. District Welfare Officer
Name of the Senior Department Head/Leader	Talukha, Sharan
Name of the Police Station	Sharan
Name of the Fire and Rescue Station	Sharan
Name of the Tank	Sharan



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Details of Vulnerable Areas in Flood (Ward - Erode level)

Vulnerability Area: Bhavani Municipality - Ward No. 26 - (Srinivasapuram 2nd road)

Village Name: Bhavani
Block Name: Bhavani
Tahsil Name: Bhavani
District Name: Erode

I. Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Areas	Inundation details water level feet / Flood Days	Source of flood	Name of the relief centers	street to be used escape to relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Bhavani Municipality - Ward No. 26 - (Srinivasapuram 2nd road/2nd road)	3 Feet / 3 Days	Southwestern water release from Upper Dam & Dammed water from reservoir (100,000 cusecs)	Municipal Workshop (M) Bhavani	Venkateswara Street, Bhavani	100 Yds.
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

II. Details of Contacts		
Name of the contacts details (I)	Contact Number (II)	
Name of the Social Officer	District Ash Chandra Prudhan Officer	710881258
Name of the In-charge	Talukda, Bhavani	84118 02087
Name of the Police Station	Bhavani	04219 210247
Name of the Fire and Rescue Station	Bhavani	04219 210311
Name of the Tola	Bhavani	04219 210311



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Details of Vulnerable Areas in Flood (Ward - Erode level)

Vulnerability Area: Bhavani Municipality ward No 27 - Pudukkottai Street

Village Name: Bhavani
Block Name: Bhavani
Tahsil Name: Bhavani
District Name: Erode

I. Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Areas	Inundation details water level feet / Flood Days	Source of flood	Name of the relief centers	street to be used escape to relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Bhavani Municipality ward No 27 - Pudukkottai Street	3 Feet / 3 Days	Water release from Upper Dam & Dammed water from reservoir (100,000 cusecs)	Govt Girls H. No. 5, School, Bhavani	Govt Bhavani High Street	100 Yds.
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

II. Details of Contacts		
Name of the contacts details (I)	Contact Number (II)	
Name of the Social Officer	District Ash Chandra Prudhan Officer	710881258
Name of the In-charge	Talukda, Bhavani	84118 02087
Name of the Police Station	Bhavani	04219 210247
Name of the Fire and Rescue Station	Bhavani	04219 210311
Name of the Tola	Bhavani	04219 210311



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Details of Vulnerable Areas in Flood (Road - Policy level)

Vulnerable Area: Appakudal Town Panchayat Ward No. 10 - Shivan Street Road

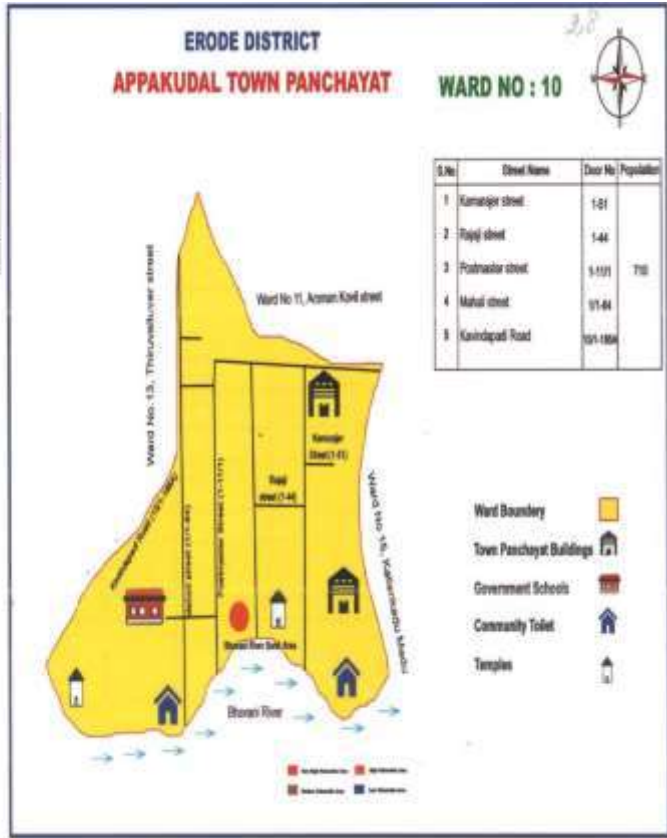
Area Name: Shivan
Block Name: Shivan
Tahsil Name: Shivan
District Name: Erode

E-Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Insulation Details water level level/ Flood/Depth	Source of flood	Name of the relief centres	nearest to be used average to relief centres	Distance to relief centres in KM
Very High Vulnerability	74	74	74	74	74	74
High Vulnerability	Appakudal Town Panchayat Ward No. 10 - Shivan Street Road	3 feet/ 3m	Shivan and River	Community School, Appakudal	Shivan Taluk State Road	10/10
Medium Vulnerability	74	74	74	74	74	74
Low Vulnerability	74	74	74	74	74	74

E-Details of Centres	
Name of the centre details (I)	Contact Number (II)
Name of the Panchayat Office	District Adh. Executive Welfare Officer 733861210
Name of the law Department / Zone / Office	Talukika, Shivan 94450 90587
Shivan Police Station	Shivan 94256 230343
Shivan Fire and Rescue Station	Shivan 94256 230311
Name of the Taluk	Shivan 94256 230310

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Details of Vulnerable Areas in Flood (Road - Policy level)

Vulnerable Area: Jambai Town Panchayat Ward No. 8 - Jambai

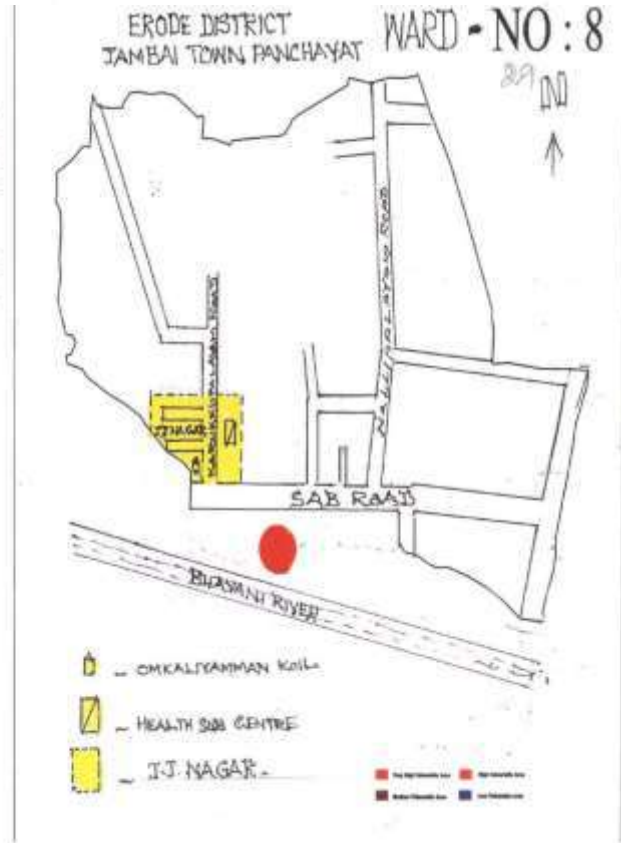
Area Name: Shivan
Block Name: Shivan
Tahsil Name: Shivan
District Name: Erode

E-Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Insulation Details water level level/ Flood/Depth	Source of flood	Name of the relief centres	nearest to be used average to relief centres	Distance to relief centres in KM
Very High Vulnerability	74	74	74	74	74	74
High Vulnerability	Jambai Town Panchayat Ward No. 8 - Jambai	3 feet/ 3m	Water release from Shivan Dam & Shivan Nagar Dam (average 1,00,000 cumm)	Subpostoffice, Shivan, Jambai	Shivan Taluk State Road	10/10
Medium Vulnerability	74	74	74	74	74	74
Low Vulnerability	74	74	74	74	74	74

E-Details of Centres	
Name of the centre details (I)	Contact Number (II)
Name of the Panchayat Office	District Adh. Executive Welfare Officer 733861210
Name of the law Department / Zone / Office	Talukika, Shivan 94450 90587
Shivan Police Station	Shivan 94256 230343
Shivan Fire and Rescue Station	Shivan 94256 230311
Name of the Taluk	Shivan 94256 230310

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Details of Vulnerable Areas in Flood (Bund - Below level)

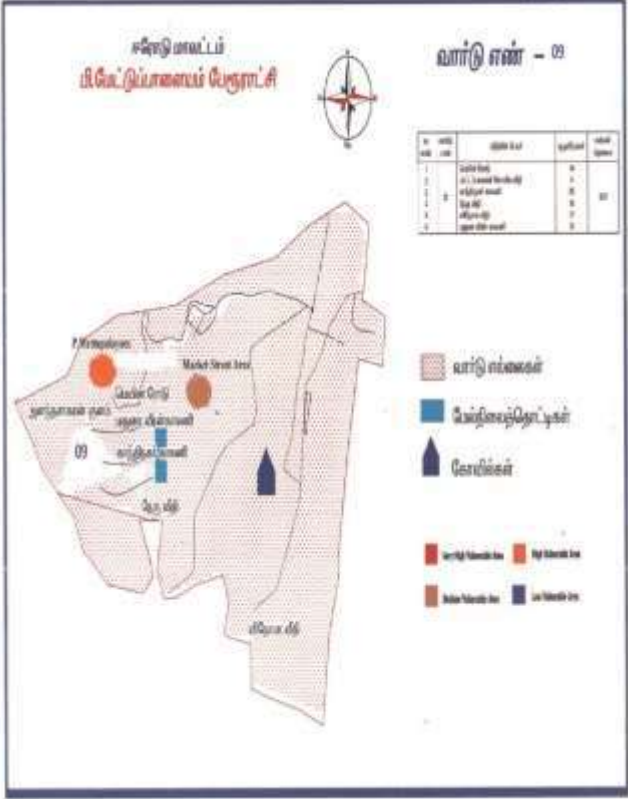
Vulnerability Area: S.P. Metropolitan Town Panchayat Ward No. 8 - P. Metropolitan S.P. Metropolitan Town Panchayat Ward No. 5 - Shakti Kalyan Area

Taluk Name: Erode
Block Name: Erode
Sub-Block Name: Erode
District Name: Erode

Type of Vulnerability in the Area	Details of the Area	Insulation details (water level) Feet/No of Days	Source of Bund	Phase of the relief centers	Area to be used except for relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	P. Metropolitan Town Panchayat Ward No. 8 & P. Metropolitan	1 Foot / 2 Days	State Water	Community Hall, P. Schools, Panchayat	2 Metropolitan Town Area	With Market
Medium Vulnerability	P. Metropolitan Town Panchayat Ward No. 8, Shakti Kalyan Area	2 Feet / 3 Days	State Water	Community Hall, P. Schools, Panchayat	P. Metropolitan Town Area	With Market
Low Vulnerability	NA	NA	NA	NA	NA	NA

Details of Centers

Name of the center	Address	Contact Number
Name of the Model Office	Chief Officer, P. Metropolitan	7098 01281
Name of the In-charge Town Officer	Taluk, Erode	9449 00007
Name Police Station	Erode	9429 21049
Name Fire and Rescue Station	Erode	9429 21011
Name of the Tank	Erode	9424 21011



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Gobichettipalayam Taluk

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Details of Vulnerable Areas in Flood (Below - Below level)

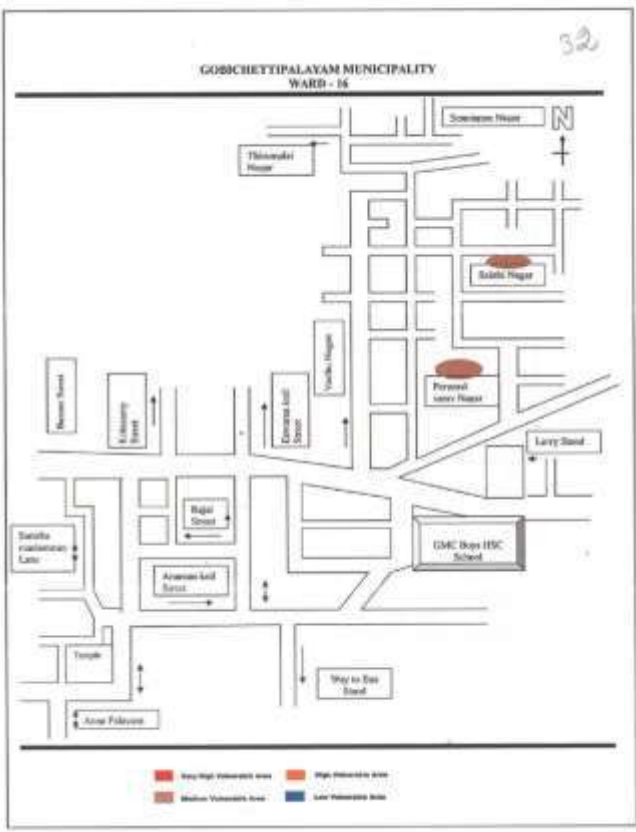
Vulnerability Area: Gobichettipalayam Municipality Ward No. 16 - (1) Panchayat; Stage 2, Sub-Town (Complete DM)

Taluk Name: Gobichettipalayam
Block Name: Gobichettipalayam
Sub-Block Name: Gobichettipalayam
District Name: Erode

Type of Vulnerability in the Area	Details of the Area	Insulation details (water level) Feet/No of Days	Source of Bund	Phase of the relief centers	Area to be used except for relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	NA	NA	NA	NA	NA	NA
Medium Vulnerability	Gobichettipalayam Municipality Ward No. 16 - (1) Panchayat; Stage 2, Sub-Town; Gobichettipalayam	2 Feet / 2 Days	State	PCCL, Gobichettipalayam	Part Street	1000 meters
Low Vulnerability	NA	NA	NA	NA	NA	NA

Details of Centers

Name of the center	Address	Contact Number
Name of the Model Office	Town Municipal Office, Gobichettipalayam	942900044
Name of the In-charge Town Officer	NA, P. Metropolitan, Taluk, Gobichettipalayam	94291 22949
Name Police Station	Gobichettipalayam	94291 29022
Name Fire and Rescue Station	Gobichettipalayam	94291 22200
Name of the Tank	Gobichettipalayam	94291 22849



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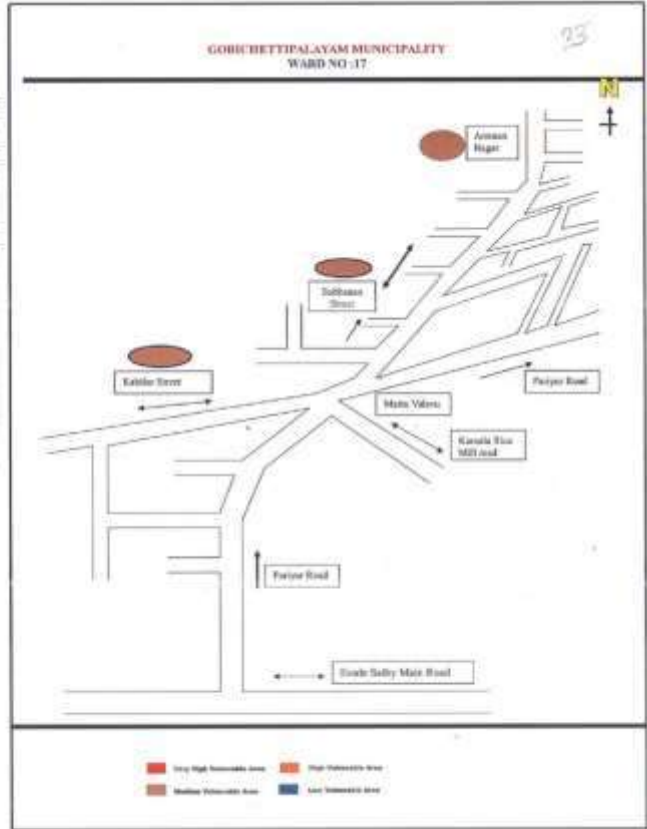
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Breakdown of Vulnerable Areas in Ward 17 (Erode)

Type of Vulnerable Area	Breakdown of Area	Population (Approx. based on Census 2011)	Number of Houses	Number of People	Area in Sq. Meters	Distance to Nearest Shelter
Very High Vulnerable Area	20	100	10	100	100	100
High Vulnerable Area	20	100	10	100	100	100
Medium Vulnerable Area	20	100	10	100	100	100
Low Vulnerable Area	20	100	10	100	100	100

Name of the Ward (A)		Ward Number (B)
Ward 17	17	17

Name of the Ward (A)	Ward Number (B)
Ward 17	17



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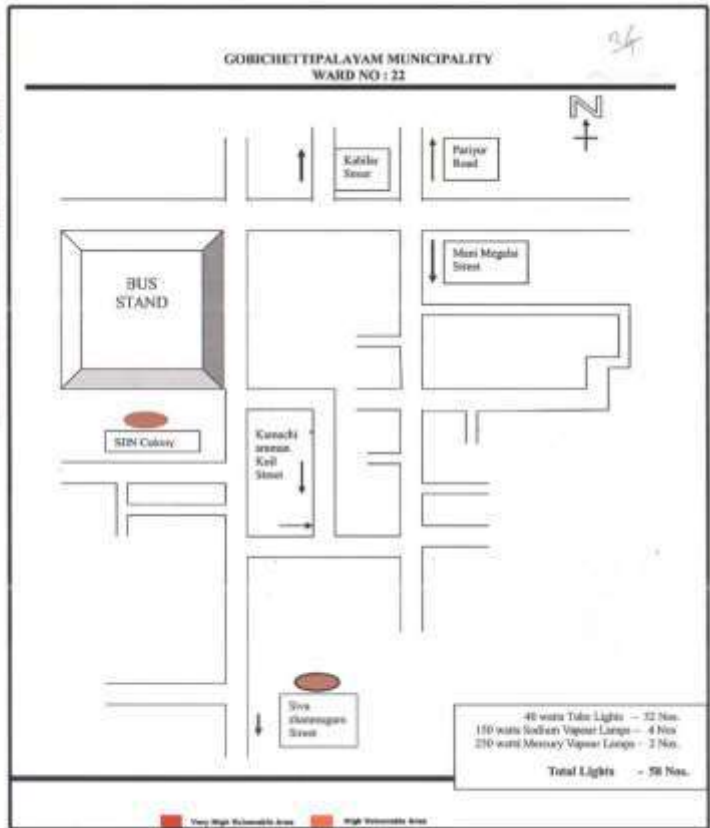
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Breakdown of Vulnerable Areas in Ward 22 (Erode)

Type of Vulnerable Area	Breakdown of Area	Population (Approx. based on Census 2011)	Number of Houses	Number of People	Area in Sq. Meters	Distance to Nearest Shelter
Very High Vulnerable Area	20	100	10	100	100	100
High Vulnerable Area	20	100	10	100	100	100
Medium Vulnerable Area	20	100	10	100	100	100
Low Vulnerable Area	20	100	10	100	100	100

Name of the Ward (A)		Ward Number (B)
Ward 22	22	22

Name of the Ward (A)	Ward Number (B)
Ward 22	22



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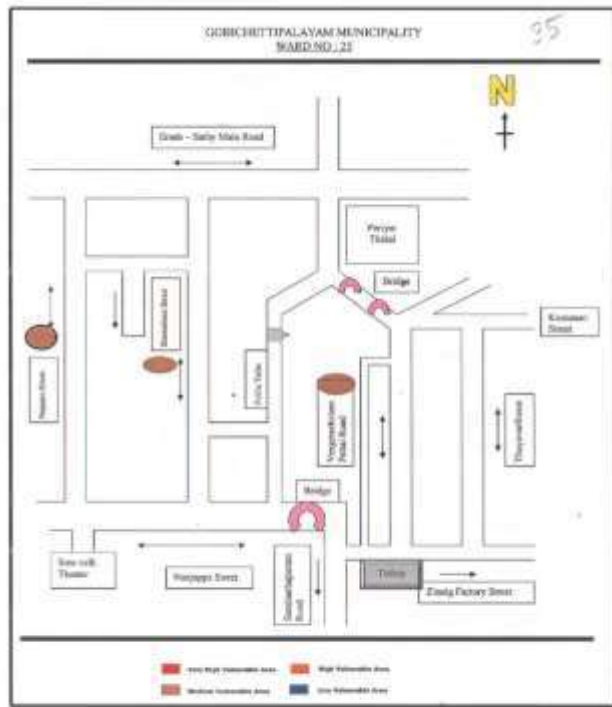
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Details of Vulnerable Areas in Ward (Urban - Villa level)

Vulnerable Area	Ward No.21 (1) Street level (near 2) Hospital Street (3) Veterinary Park, Marudhai Road
State Floor	Construction
Block Floor	Construction
Wall Floor	Construction
Roof Floor	Construction
Street Floor	Block

Details Of Vulnerable Area						
Type of Vulnerability in the Area	Details of the Area	Location details (near and far No. of Street)	Source of Risk	Year of the risk event	Area to be used in case of relief context	Distance to relief context in KM
Very High Vulnerability	3A	3A	3A	3A	3A	3A
High Vulnerability	3B	3B	3B	3B	3B	3B
Medium Vulnerability	3C	3C	3C	3C	3C	3C
Low Vulnerability	3D	3D	3D	3D	3D	3D

Details of Context	
Name of the context (Block ID)	Context Number (ID)
Name of the context (Block ID)	00000001
Name of the context (Block ID)	00000002
Name of the context (Block ID)	00000003
Name of the context (Block ID)	00000004
Name of the context (Block ID)	00000005
Name of the context (Block ID)	00000006
Name of the context (Block ID)	00000007
Name of the context (Block ID)	00000008
Name of the context (Block ID)	00000009
Name of the context (Block ID)	00000010



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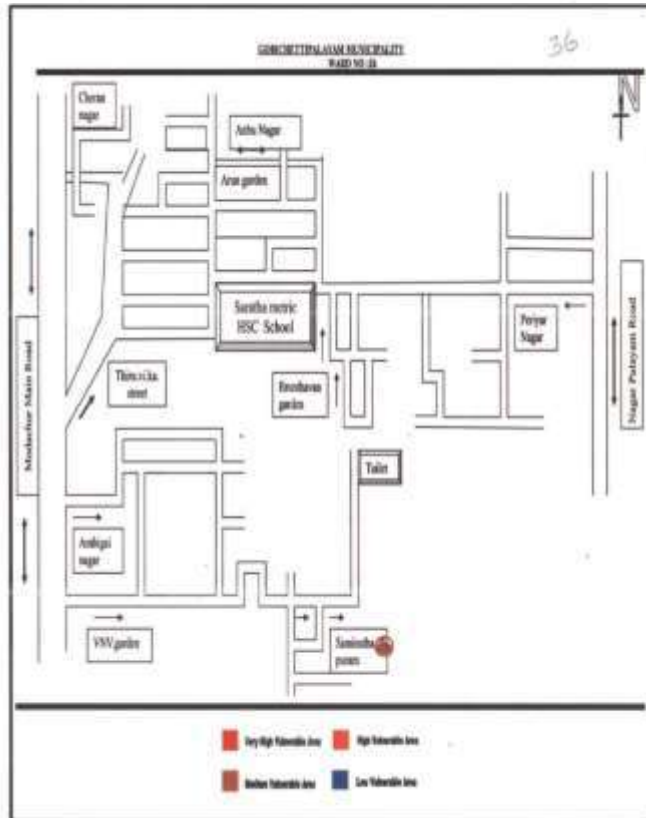
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Details of Vulnerable Areas in Ward (Urban - Villa level)

Vulnerable Area	Gobichettipalayam Municipality Ward No.21 (1) Construction
State Floor	Construction
Block Floor	Construction
Wall Floor	Construction
Roof Floor	Construction
Street Floor	Block

Details Of Vulnerable Area						
Type of Vulnerability in the Area	Details of the Area	Location details (near and far No. of Street)	Source of Risk	Year of the risk event	Area to be used in case of relief context	Distance to relief context in KM
Very High Vulnerability	3A	3A	3A	3A	3A	3A
High Vulnerability	3B	3B	3B	3B	3B	3B
Medium Vulnerability	3C	3C	3C	3C	3C	3C
Low Vulnerability	3D	3D	3D	3D	3D	3D

Details of Context	
Name of the context (Block ID)	Context Number (ID)
Name of the context (Block ID)	00000001
Name of the context (Block ID)	00000002
Name of the context (Block ID)	00000003
Name of the context (Block ID)	00000004
Name of the context (Block ID)	00000005
Name of the context (Block ID)	00000006
Name of the context (Block ID)	00000007
Name of the context (Block ID)	00000008
Name of the context (Block ID)	00000009
Name of the context (Block ID)	00000010



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Details of Vulnerable Areas to Flood (Urban - Public level)

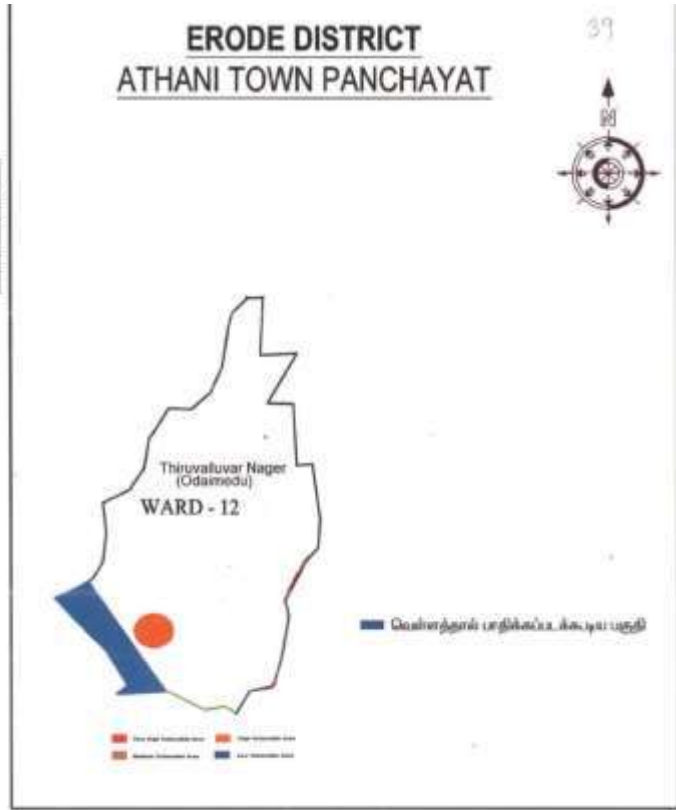
Vulnerable Area: Athani Town Panchayat - Ward No.12 - Odamedu
 Block Name: Anuppraha
 Block Name: Anuppraha
 Tahsil Name: Athani
 District Name: Erode

Details Of Vulnerability Area

Type of Vulnerability in the Area	Details of the Areas	Population Details water level feet No. of Days	Source of Flood	Name of the relief centers	extent to be covered proper to relief centers	Distance to relief centers in KM
Very High Vulnerability	700	700	700	700	700	700
High Vulnerability	Athani Town Panchayat - Ward No.12 - Odamedu	4 Road Days	Shanar river	CHSA, Athani	Shanar Main Road to Athani town	100 Miles
Medium Vulnerability	700	700	700	700	700	700
Low Vulnerability	700	700	700	700	700	700

Details of Centers

Name of the Centers Details (A)	Contact Number (B)
Name of the Panchayat Office	District Subdivision Officer (Athani)
Name of the State Department/ Town Localities	Talukdar, Athani
Nearest Police Station	Anuppraha
Nearest Fire and Rescue Station	Athani
Name of the Tank	Athani



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Details of Vulnerable Areas to Flood (Urban - Public level)

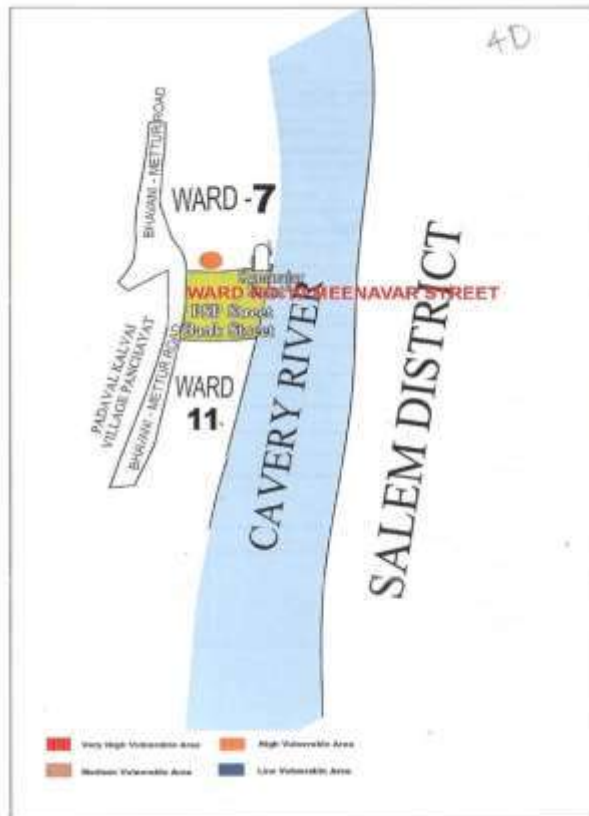
Vulnerable Area: Anuppraha Town Panchayat Ward No.10 - Shanar River
 Block Name: Anuppraha
 Block Name: Anuppraha
 Tahsil Name: Athani
 District Name: Erode

Details Of Vulnerability Area

Type of Vulnerability in the Area	Details of the Areas	Population Details water level feet No. of Days	Source of Flood	Name of the relief centers	extent to be covered proper to relief centers	Distance to relief centers in KM
Very High Vulnerability	700	700	700	700	700	700
High Vulnerability	Anuppraha Town Panchayat Ward No.10 - Shanar River	4 Road Days	Cavery River	Anuppraha Middle School, Anuppraha	Shanar Main Road to Athani town	100 Miles
Medium Vulnerability	700	700	700	700	700	700
Low Vulnerability	700	700	700	700	700	700

Details of Centers

Name of the Centers Details (A)	Contact Number (B)
Name of the Panchayat Office	District Subdivision Officer (Athani)
Name of the State Department/ Town Localities	Talukdar, Athani
Nearest Police Station	Anuppraha
Nearest Fire and Rescue Station	Athani
Name of the Tank	Athani



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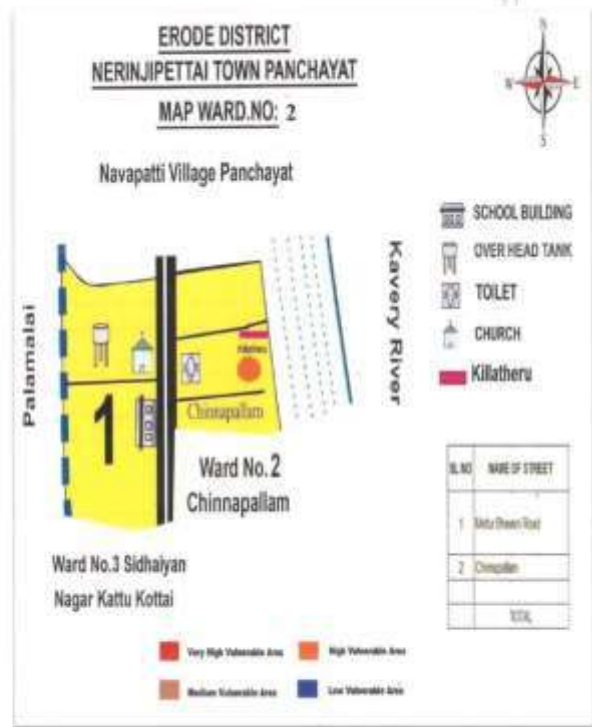
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Details of Vulnerable Areas to Flood (Urban - Urban level)

Vulnerability Area	Sathyamangalam Municipality Ward No. 19 - 1) Pillayar East street, 2) Manappa East street					
Block Name	Sathyamangalam					
Taluk Name	Sathyamangalam					
Division Name	Erode					

Type of Vulnerability in the Area	Details of the Areas	Insulation details water level feet/No of Days	Source of flood	Name of the relief centres	nearest to be used escape to relief centres	Distance to relief centres in KM
Very High Vulnerability		10	10	10	10	10
High Vulnerability	Sathyamangalam Municipality Ward No. 19 (1) Pillayar East street, 2) Manappa East street	4 Feet / 7 days	Channel flow	Govt High School, Sathyamangalam	Sathyamangalam main road	0.2 KM
Medium Vulnerability		10	10	10	10	10
Low Vulnerability		10	10	10	10	10

Details of Contacts	
Name of the contacts details (A)	Contact Number (B)
Name of the Model Office	AD, Appt, Sathyamangalam Block
Name of the lower Department / Town/Levies	141000006
Nearest Police Station	Sathyamangalam
Nearest Fire and Rescue Station	Sathyamangalam
Name of the Taluk	Sathyamangalam



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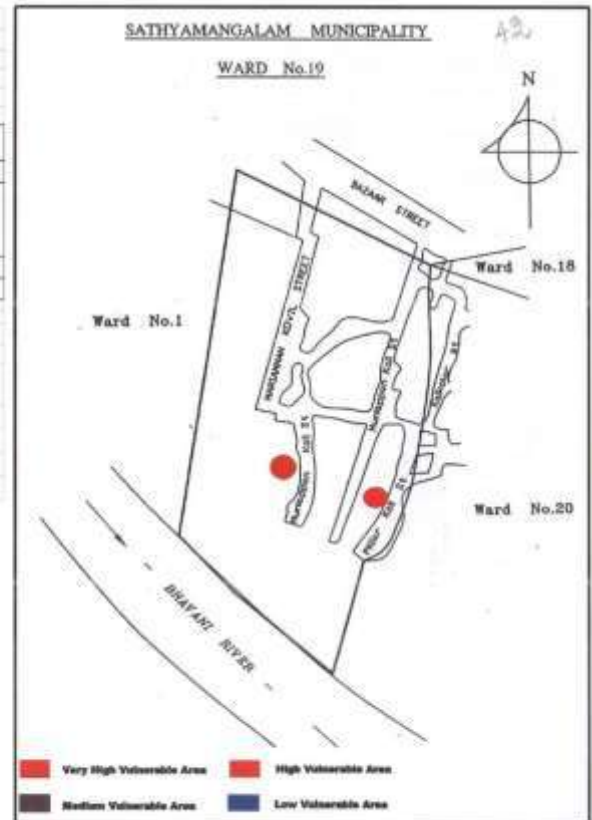
Sathyamangalam Taluk

Details of Vulnerable Areas to Flood (Urban - Urban level)

Vulnerability Area	Sathyamangalam Municipality Ward No. 19 - 1) Pillayar East street, 2) Manappa East street					
Block Name	Sathyamangalam					
Taluk Name	Sathyamangalam					
Division Name	Erode					

Type of Vulnerability in the Area	Details of the Areas	Insulation details water level feet/No of Days	Source of flood	Name of the relief centres	nearest to be used escape to relief centres	Distance to relief centres in KM
Very High Vulnerability		10	10	10	10	10
High Vulnerability	Sathyamangalam Municipality Ward No. 19 (1) Pillayar East street, 2) Manappa East street	4 Feet / 7 days	Channel flow	Govt High School, Sathyamangalam	Sathyamangalam main road	0.2 KM
Medium Vulnerability		10	10	10	10	10
Low Vulnerability		10	10	10	10	10

Details of Contacts	
Name of the contacts details (A)	Contact Number (B)
Name of the Model Office	AD, Appt, Sathyamangalam Block
Name of the lower Department / Town/Levies	141000006
Nearest Police Station	Sathyamangalam
Nearest Fire and Rescue Station	Sathyamangalam
Name of the Taluk	Sathyamangalam



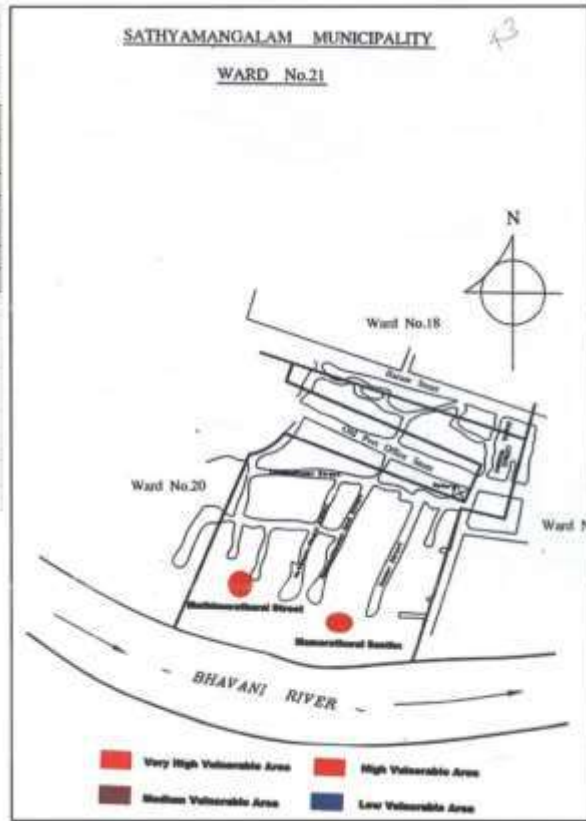
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Details of Vulnerable Areas in Flood (Urban - Police level)

Vulnerable Area	Sathyamangalam Municipality Ward No. 21 - (Muthurathal road) - (Muthurathal Road)					
Police Station	Sathyamangalam					
Block Name	Sathyamangalam					
Taluk Name	Sathyamangalam					
Division Name	Erode					
Type of Vulnerability in the Area	Details of the Area	Inundation details were level/feet/No of Days	Source of flood	Place of the relief centers	Street to be used escape to relief centers	Distance to relief centers in KM
Very High Vulnerability	30	10	30	30	30	30
High Vulnerability	Sathyamangalam Municipality Ward No. 21 - (Muthurathal road) - (Muthurathal Road)	4 Feet / 5 days	Blownd river	Govt High School, Sathyamangalam	sathyamangalam main road	0.2 KM
Medium Vulnerability	30	10	30	30	30	30
Low Vulnerability	30	10	30	30	30	30

Details of Contacts	
Name of the contact details ID	Contact Number ID
Name of the Mofal Officer	ADt Agt, Sathyamangalam Block
Name of the In-charge Officer	P. Kishore, Tahsildar, Sathyamangalam
Name of the Police Station	Sathyamangalam
Name of the Fire and Rescue Station	Sathyamangalam
Name of the Taluk	Sathyamangalam



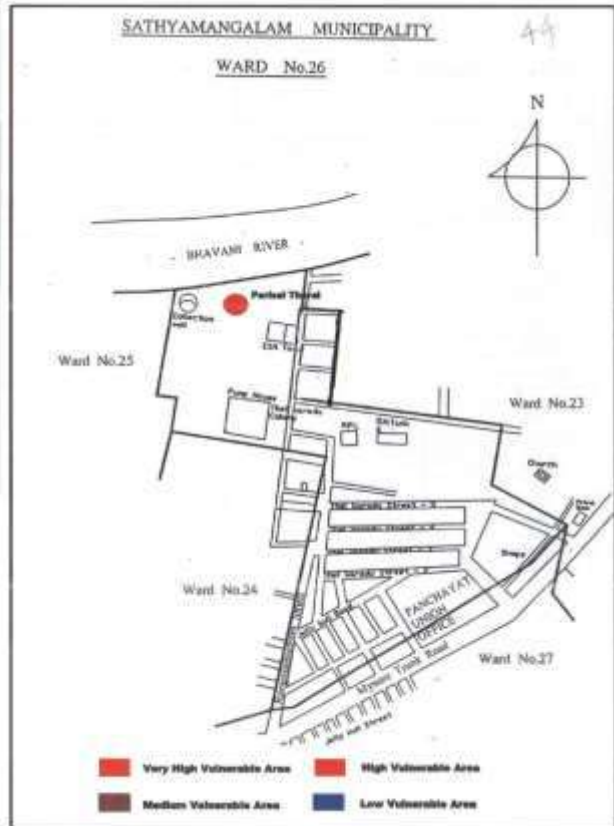
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Details of Vulnerable Areas in Flood (Urban - Police level)

Vulnerable Area	Sathyamangalam Municipality Ward No. 26 - (Panchayat road)					
Police Station	Sathyamangalam					
Block Name	Sathyamangalam					
Taluk Name	Sathyamangalam					
Division Name	Erode					
Type of Vulnerability in the Area	Details of the Area	Inundation details were level/feet/No of Days	Source of flood	Place of the relief centers	Street to be used escape to relief centers	Distance to relief centers in KM
Very High Vulnerability	30	10	30	30	30	30
High Vulnerability	Sathyamangalam Municipality Ward No. 26 - Panchayat road	4 Feet / 5 days	Blownd river	Govt High School, Sathyamangalam	sathyamangalam main road	0.2 KM
Medium Vulnerability	30	10	30	30	30	30
Low Vulnerability	30	10	30	30	30	30

Details of Contacts	
Name of the contact details ID	Contact Number ID
Name of the Mofal Officer	ADt Agt, Sathyamangalam Block
Name of the In-charge Officer	P. Kishore, Tahsildar, Sathyamangalam
Name of the Police Station	Sathyamangalam
Name of the Fire and Rescue Station	Sathyamangalam
Name of the Taluk	Sathyamangalam



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Details of Vulnerable Areas in Flood (Urban - Urban Area)

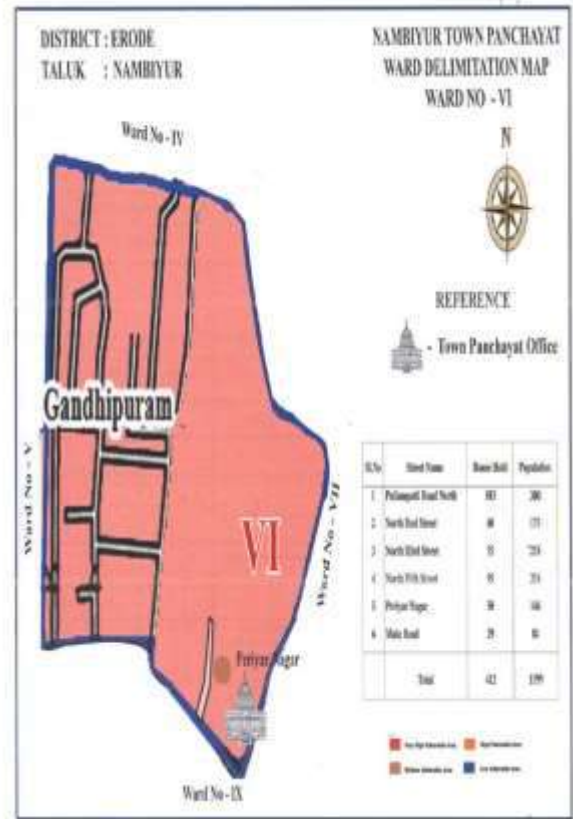
Vulnerable Area	Madhavaram Town Panchayat	Ward No. 01	Police Station
Police Station	Madhavaram		
Block Name	Madhavaram		
Taluk Name	Chikankuppam		
District Name	Erode		

I Details of Vulnerable Area

Type of Vulnerability in the Area	Details of the Area	Approximate Details (area in Sq.Meter / No. of Dams)	Source of Flood	Phase of the relief activities	Work to be done (scope to relief activities)	Distance to relief centers in KM.
Very High Vulnerability	10	10	10	10	10	10
High Vulnerability	10	10	10	10	10	10
Medium Vulnerability	Madhavaram Town Panchayat Ward No. 01, Rajagopal Nagar	2 Feet 2 Dams	Madhavaram	Govt High School Madhavaram	10	10
Low Vulnerability	10	10	10	10	10	10

I Details of Contact

Name of the contact details (I)	Contact Number (II)
Name of the District Officer	Assistant Director of Agriculture, Madhavaram
Name of the Town Department / Town Council	15th 15/15 Madhavaram, Madhavaram, Chikankuppam
Name of the Police Station	Superintendent of Police, Madhavaram Police Station
Name of the Fire and Rescue Station	Chikankuppam
Name of the Taluk	Chikankuppam



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Details of Vulnerable Areas in Flood (Urban - Urban Area)

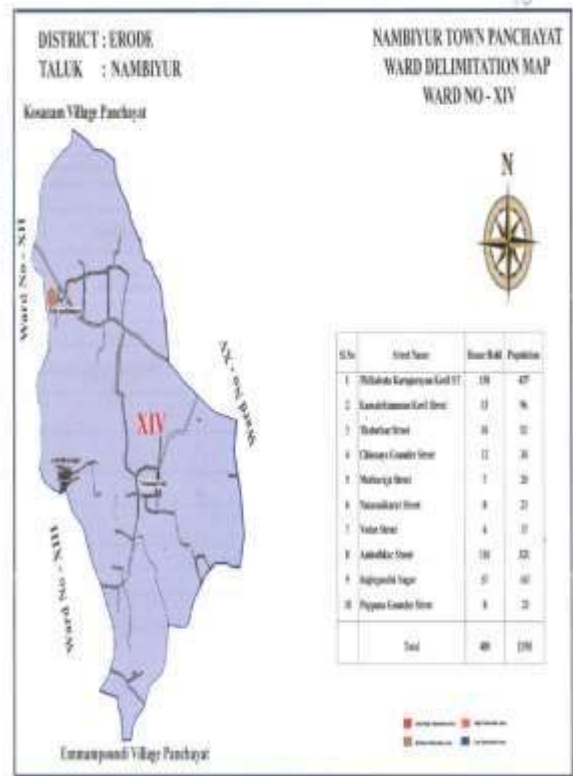
Vulnerable Area	Madhavaram Town Panchayat	Ward No. 01	Rajagopal Nagar
Police Station	Madhavaram		
Block Name	Madhavaram		
Taluk Name	Chikankuppam		
District Name	Erode		

I Details of Vulnerable Area

Type of Vulnerability in the Area	Details of the Area	Approximate Details (area in Sq.Meter / No. of Dams)	Source of Flood	Phase of the relief activities	Work to be done (scope to relief activities)	Distance to relief centers in KM.
Very High Vulnerability	10	10	10	10	10	10
High Vulnerability	10	10	10	10	10	10
Medium Vulnerability	Madhavaram Town Panchayat Ward No. 01, Rajagopal Nagar	2 Feet 2 Dams	Madhavaram	Govt High School Madhavaram	10	10
Low Vulnerability	10	10	10	10	10	10

I Details of Contact

Name of the contact details (I)	Contact Number (II)
Name of the District Officer	Assistant Director of Agriculture, Madhavaram
Name of the Town Department / Town Council	15th 15/15 Madhavaram, Madhavaram, Chikankuppam
Name of the Police Station	Superintendent of Police, Madhavaram Police Station
Name of the Fire and Rescue Station	Chikankuppam
Name of the Taluk	Chikankuppam



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3/10/18

3/10/18

CHAPTER - 6

LBP CANAL BREACH-2019

LBP CANAL BREACH ON 07.11.2019

On 07.11.2019 LBP Canal left bank Breached in Ukkaram village of Sathyamangalam Taluk. Due to this Breach totally 128 houses were inundated in Kethampalayam of Sathyamangalam taluk and Sundakkampalayam of Nambiyur Taluk. Immediately 154 persons were evacuated and sheltered in relief centre. Enumeration of Damaged houses, loss of cattle and crop damaged were under taken and relief was distributed. The details are as follows

Hut and Pucca house damage and relief dispersed in District : Rs.7,82,600

Cattle lossrelief dispersed in District : Rs.55,000

Crop loss relief amount (115 Farmers) : Rs.8,61,773

CHAPTER – 7

HAZARD, RISK AND VULNERABILITY ANALYSIS

DOCUMENTATION OF DAMAGES CAUSED BY MONSOON FLOOD-2022

1. SUMMARY:

With the extraordinary southwest monsoon this year, the Districts Erode, Salem and Namakkal bore the brunt of floods due to heavy downpour in the catchment areas of river cauvery in Kodagu and Hassan Districts of Karnataka. Following the torrential rains, the reservoirs of Krishnarajasagar and Kabini breached the danger mark resulting in discharge of excess waters. The inflow of waters from the reservoirs filled the mettur dam to its maximum capacity of 120 feet. For the second time this year, Mettur dam has attained the full capacity. The situation turned grim in the downstream of cauvery due to the surplus outflow from the brimming Mettur dam. Apart from the woes of Mettur dam, the incessant rains in Nilgiris and kerala led to increased outflow from the Pillur dam to Bhavanisagar. The surge in release of waters from the Bhavanisagar pushed the Bhavani river in spate raising the red alert to the people residing along the banks of the river.

Though the quantum of water discharge fluctuated depending on the rainfall in the upstream areas, the District administration of Erode, Salem and Namakkal were issued flood alerts through the circular from the Revenue administration on 4th August 2022. Meanwhile, the release from mettur was intimated in prior by the District administration periodically alerting the downstream Districts. The Interdepartmental Zonal teams too were sent to monitor the situation in the expected vulnerable areas in Erode. Precautionary measures were taken to prevent the loss of lives of human and cattle. It was all due to the combined discharge of waters that led to flooding of many areas and hence increasing the vulnerable points to 20.

2. Ground report on Flood and its affected areas:

On 4th August 2022, the combined water release into cauvery was 114885 cusecs of which 111085 cusecs and 3800 cusecs outflows were from Mettur and Bhavanisagar respectively. Bhavanisagar outflows as Bhavani river affected the Bhavani, Sathyamangalam and Gobichettipalayam taluks. The LBP canal which was built for the irrigation purpose was also flowing to its maximum capacity with 2300 cusecs. In case of Mettur dam the cauvery flows through Anthiyur before joining the Bhavani river at Kooduthurai, Bhavani affected many parts downstream of the river like the Bhavani, Erode, Kodumudi and Modakurichi taluks.

❖ **Bhavani sagar reservoir:**

Due to the heavy downpour of rains in the catchment areas of ooty, the pillur dam reached the maximum capacity of 102 feet. As the inflow rose, simultaneously release of water from the Pillur to Bhavanisagar also increased. The following details of **Pillur dam** briefly give an overview of situation in Bhavanisagar.

Date	Water Level (ft)	Storage (mcft)	Inflow (cusecs)	Outflow (cusecs)
05.08.2022	102	30317	25438	25443
06.08.2022	102	30317	25347	25500
07.08.2022	102	30317	15100	15000
08.08.2022	102	30317	18200	18000
09.08.2022	102	30317	25400	25000
10.08.2022	102	30317	15300	15000
11.08.2022	102	30317	15400	15000

❖ **2.1 Impact of the flood due to Bhavanisagar release is as follows:**

Date	Outflow (cusecs)	Taluk	Affected Area	Families Evacuated
06.08.2022	25500	Sathyamangalam	Anna Nagar	23
			J.J Nagar Ariyappampalayam	14
			J.J Nagar Karatur	15
06.08.2022	25500	Bhavani	Kuppam (Bhavani River) old bus stand near	29
			Somasundrampuram	80
06.08.2022	25500	Gobi	Ammapalayam Road Mevani	25

As the water entered the localities, the families were evacuated and shifted to relief camps. No major damages were reported.

❖ **Mettur reservoir:**

The outflow from the mettur increased from 75000 to 95500 cusecs on 4th august. The PWD officials of mettur dam and the District Collector periodically passed the message on the inflows and the outflows. Based on this collector alerted the officials and IDZT teams. Through the tom-tom the public were sent warning

messages to not go for bathing or fishing in the river. The drastic surge in the outflow to 10800 cusecs led to evacuation of 60 families in Bhavani taluk. As the water level rose to 210000, crops submerged and more families had to shift to the relief camps.



AN ASSESSMENT ON FLOOD WATERS

In addition to the marking of vulnerable points and geotagging the same, we have also noted the height of water reached corresponding to the outflow levels in all the flood affected Taluk which will serve as reference points for future evacuation process.

Date	Water Level (ft)	Storage (mcft)	Inflow (cusecs)	Outflow (cusecs)
04.08.2022	120	93678	210000	210000
05.08.2022	120	93582	200000	210000
06.08.2022	120	93534	177000	180000
07.08.2022	120	93550	115000	110000
08.08.2022	120	93566	130000	130000
09.08.2022	120	93566	144000	145000
10.08.2022	120	93470	140000	145000
11.08.2022	120	93470	140000	140000
12.08.2022	120	93470	120000	120000

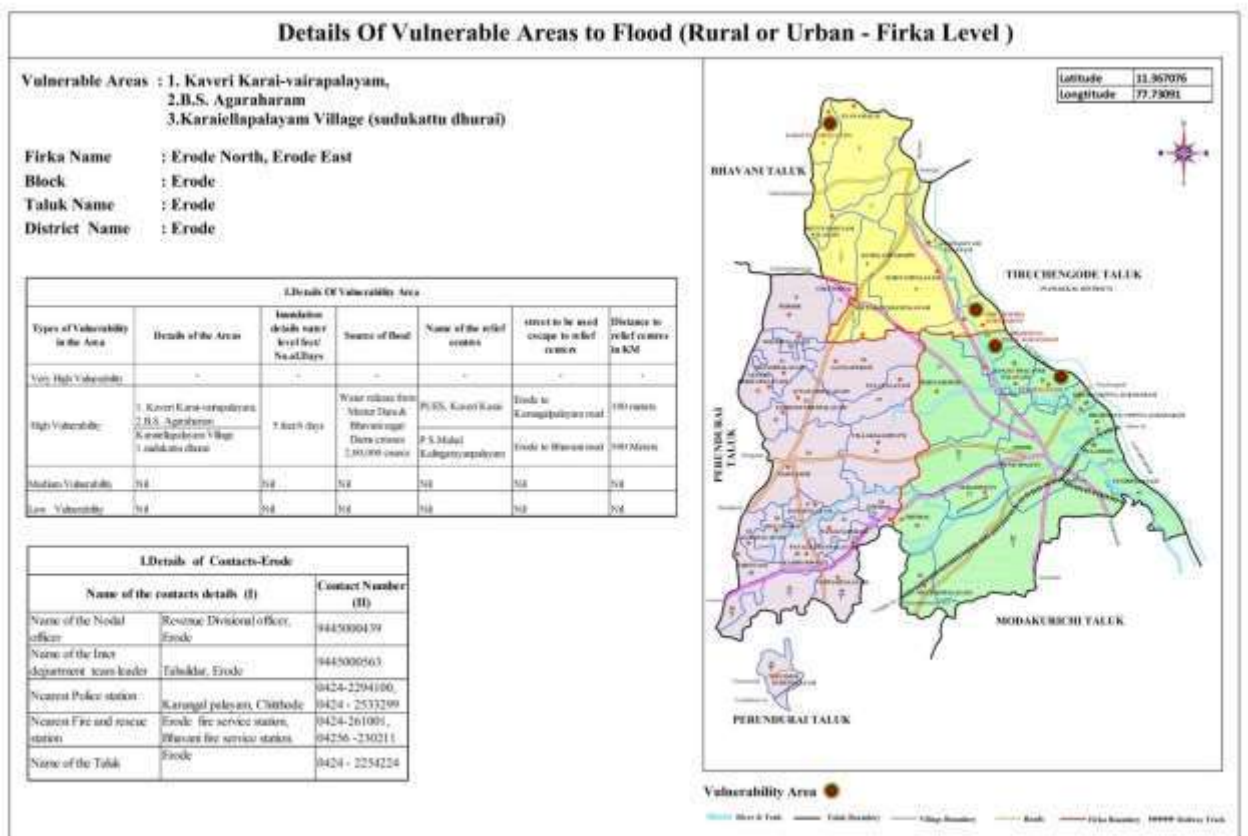
13.08.2022	120	93470	85000	85000
14.08.2022	120	93470	85000	85000

Erode Taluk

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	210000	7 Mts	5 feet
2	05.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	210000	7 Mts	5 feet
3	06.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	180000	7 Mts	5 feet
4	07.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	110000	7 Mts	5 feet
5	08.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	130000	7 Mts	5 feet
6	09.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra	145000	7 Mts	5 feet

			temple street			
7	10.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	140000	7 Mts	5 feet
8	11.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	140000	7 Mts	5 feet
9	12.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	120000	7 Mts	5 feet
10	13.08.2022	Cauvery	Erode Taluk, Vairapalayam village, Ragavendra temple street	85000	7 Mts	2 feet

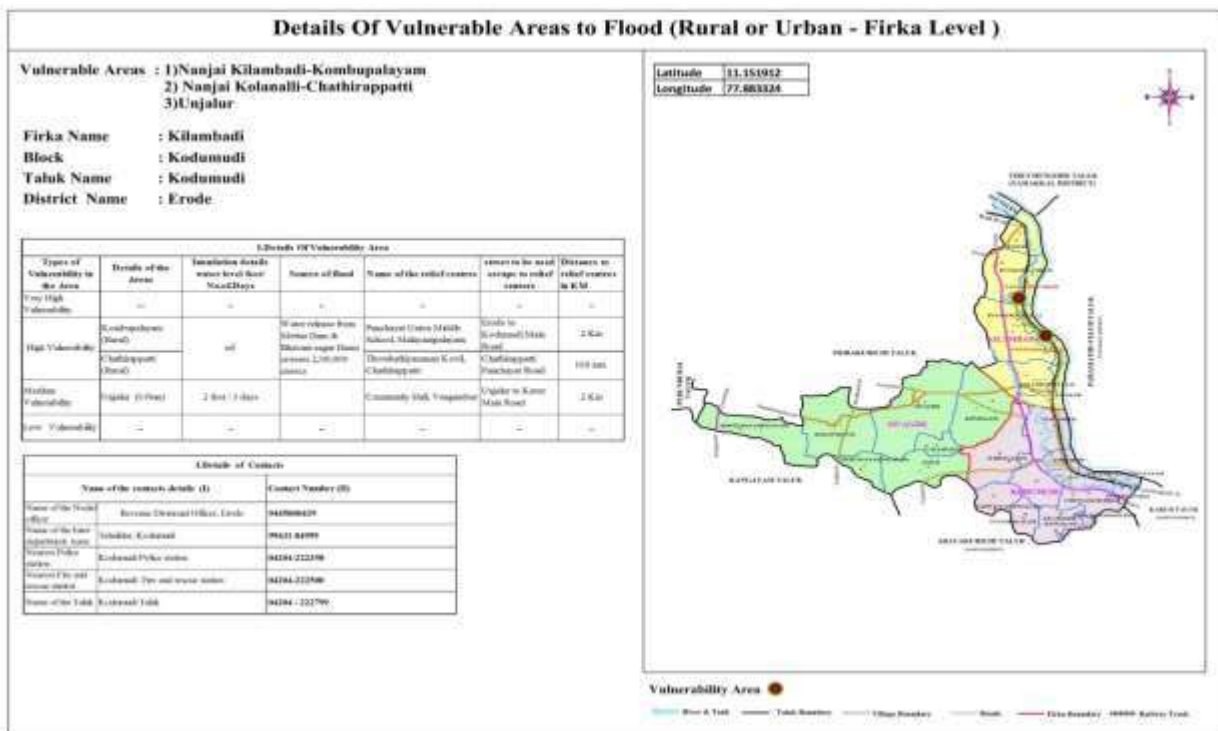
Map

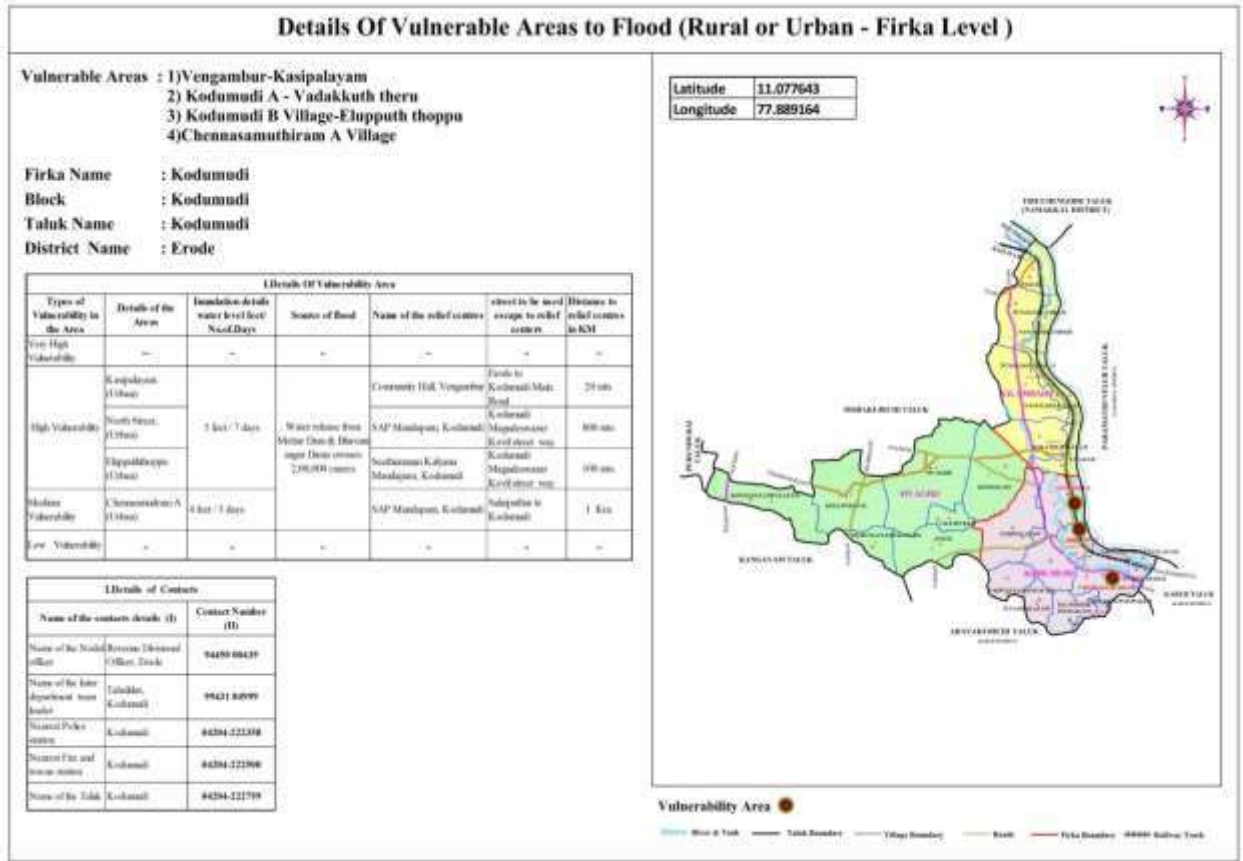


Kodumudi Taluk

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	02.08.2022 To 13.08.2022	Cauvery	Iluppu thoppu	141000	6.5 Mts	4 feet
2	04.08.2022 To 13.08.2022	Cauvery	Vadaku Street	210000	5.8Mts	5feet
3	05.08.2022	Cauvery	Kombupalayam	200000	5.8 Mts	2feet

Map

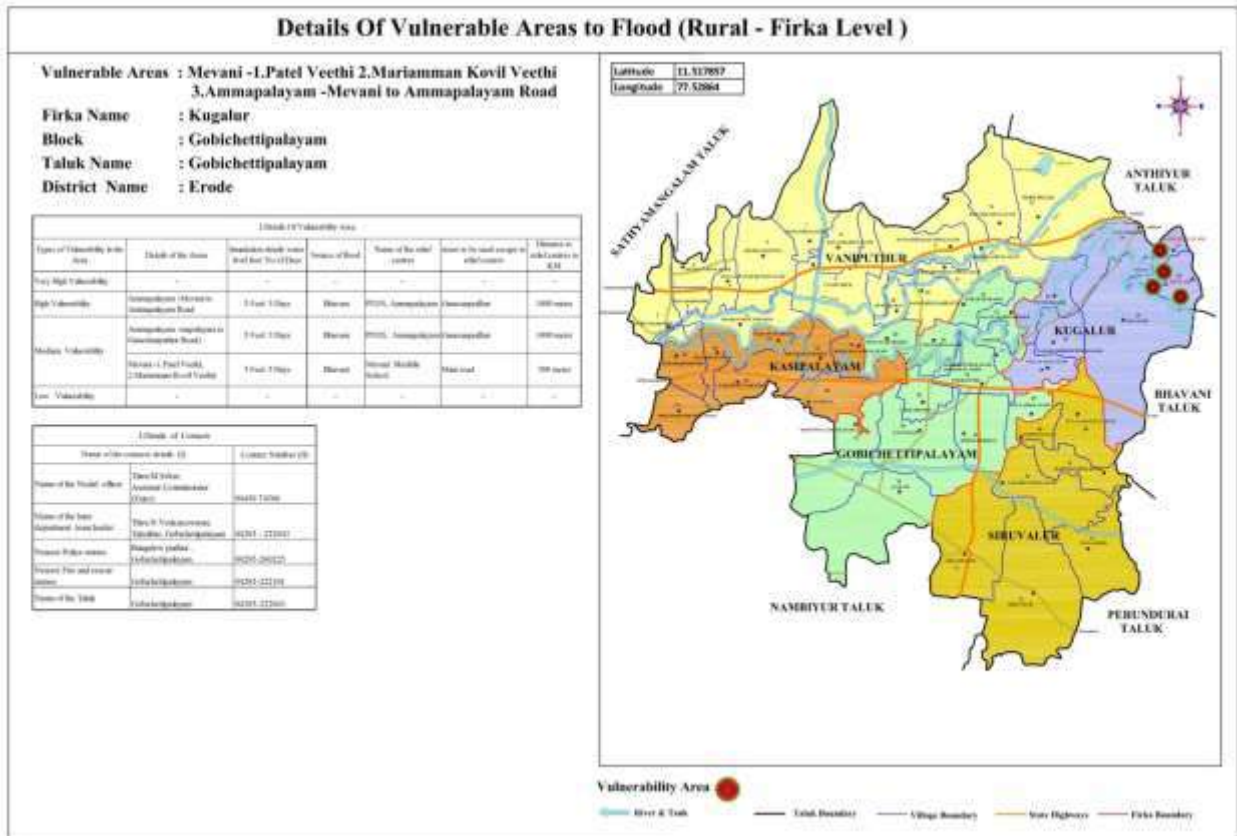




Gobichettipalayam Taluk

S. No	Date	Name of the river	Submerged / Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	06.08.2022	Bhavani	Amma palayam Road Mevani	25500	6.5 Mts	2 feet

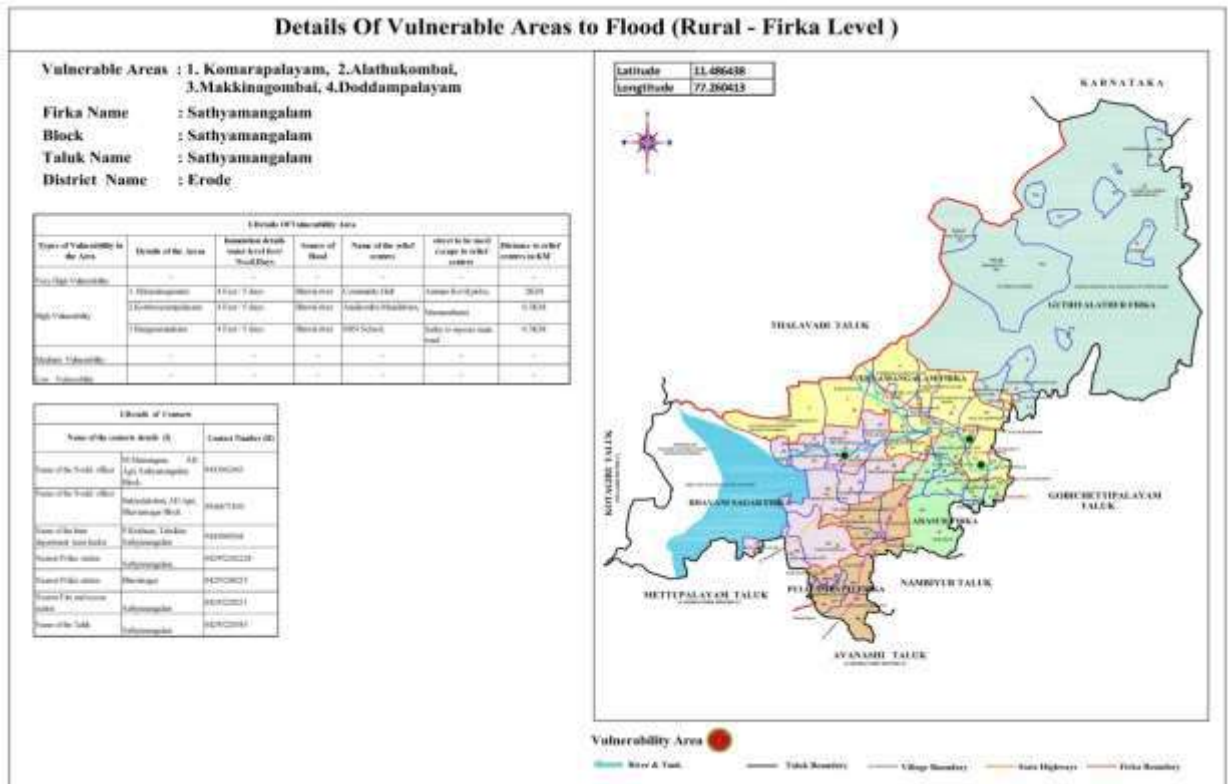
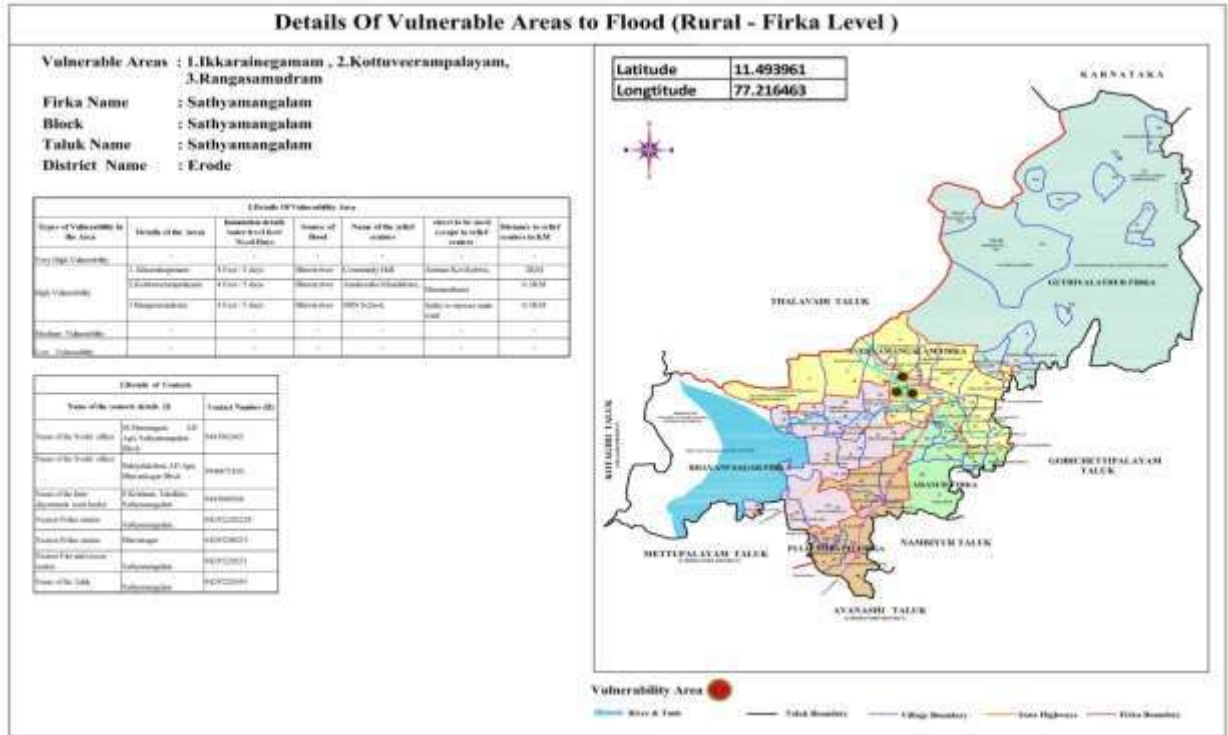
Map



Sathy Taluk

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	06.08.2022	Bhavani	Annanagar, Raggasamutheram	25500	5 Mts	4 feet
2	06.08.2022	Bhavani	J.J.Nagar, Karattur, Ariyappampalayam	25500	8Mts	5 feet
3	06.08.2022	Bhavani	Ganeshapuram, Makinaggombi, sathy	25500	4.2Mts	5 feet

Map



Bhavani Taluk

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	kandan Pattarai (Kaveri Nagar) , Bhavani B Village	210000	5.8 Mts	5 feet
2	05.08.2022	Cauvery		210000	5.8 Mts	5 feet
3	06.08.2022	Cauvery		180000	5.8 Mts	5 feet
4	07.08.2022	Cauvery		110000	5.8 Mts	5 feet
5	08.08.2022	Cauvery		130000	5.8 Mts	5 feet
6	09.08.2022	Cauvery		145000	5.8 Mts	5 feet
7	10.08.2022	Cauvery		140000	5.8 Mts	5 feet
8	11.08.2022	Cauvery		140000	5.8 Mts	5 feet
9	12.08.2022	Cauvery		120000	5.8 Mts	4 feet
10	13.08.2022	Cauvery		85000	5.8 Mts	2 feet
11	14.08.2022	Cauvery		85000	5.8 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	Pasuveshwarar Street, Bhavani B Village	210000	6.6 Mts	5 feet
2	05.08.2022	Cauvery		210000	6.6 Mts	5 feet
3	06.08.2022	Cauvery		180000	6.6 Mts	5 feet
4	07.08.2022	Cauvery		110000	6.6 Mts	5 feet
5	08.08.2022	Cauvery		130000	6.6 Mts	5 feet

6	09.08.2022	Cauvery		145000	6.6 Mts	5 feet
7	10.08.2022	Cauvery		140000	6.6 Mts	5 feet
8	11.08.2022	Cauvery		140000	6.6 Mts	5 feet
9	12.08.2022	Cauvery		120000	6.6 Mts	4 feet
10	13.08.2022	Cauvery		85000	6.6 Mts	2 feet
11	14.08.2022	Cauvery		85000	6.6 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Bhavani	Kuppam, Keerakkarai Street, Bhavani B Village	25443	5.8 Mts	5 feet
2	05.08.2022	Bhavani		25500	5.8 Mts	5 feet
3	06.08.2022	Bhavani		15000	5.8 Mts	5 feet
4	07.08.2022	Bhavani		18000	5.8 Mts	5 feet
5	08.08.2022	Bhavani		25000	5.8 Mts	5 feet
6	09.08.2022	Bhavani		15000	5.8 Mts	5 feet
7	10.08.2022	Bhavani		15000	5.8 Mts	5 feet
8	11.08.2022	Bhavani		15000	5.8 Mts	5 feet
9	12.08.2022	Bhavani		10000	5.8 Mts	4 feet
10	13.08.2022	Bhavani		10000	5.8 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Bhavani	Somasundara puram, Bhavani	25443	6.1 Mts	5 feet
2	05.08.2022	Bhavani		25500	6.1 Mts	5 feet
3	06.08.2022	Bhavani		15000	6.1 Mts	5 feet

4	07.08.2022	Bhavani	B Village	18000	6.1 Mts	5 feet
5	08.08.2022	Bhavani		25000	6.1 Mts	5 feet
6	09.08.2022	Bhavani		15000	6.1 Mts	5 feet
7	10.08.2022	Bhavani		15000	6.1 Mts	5 feet
8	11.08.2022	Bhavani		15000	6.1 Mts	5 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	Vethala padikattu, Palakkarai Street, Bhavani B Village	210000	6.3 Mts	4 feet
2	05.08.2022	Cauvery		210000	6.3 Mts	4 feet
3	06.08.2022	Cauvery		180000	6.3 Mts	3 feet
4	07.08.2022	Cauvery		110000	6.3 Mts	3 feet
5	08.08.2022	Cauvery		130000	6.3 Mts	2 feet
6	09.08.2022	Cauvery		145000	6.3 Mts	2 feet
7	10.08.2022	Cauvery		140000	6.3 Mts	2 feet
8	11.08.2022	Cauvery		140000	6.3 Mts	2 feet
9	12.08.2022	Cauvery		120000	6.3 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	Nethaji Nagar, Ottar Street, Ooratchikottai Village	210000	6 Mts	4 feet
2	05.08.2022	Cauvery		210000	6 Mts	4 feet
3	06.08.2022	Cauvery		180000	6 Mts	3 feet
4	07.08.2022	Cauvery		110000	6 Mts	3 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	Kesarimangalam	210000	10 Mts	4 feet
2	05.08.2022	Cauvery		210000	10 Mts	4 feet
3	06.08.2022	Cauvery		180000	10 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height / level of the water from the river bed
1	04.08.2022	Cauvery	(Kadappanallur)	210000	10 Mts	5 feet
2	05.08.2022	Cauvery		210000	10 Mts	5 feet
3	06.08.2022	Cauvery		180000	10 Mts	2 feet

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	04.08.2022	Cauvery	padavalkalvai	210000	6 Mts	3 feet
2	05.08.2022	Cauvery		210000	6 Mts	3 feet
3	06.08.2022	Cauvery		180000	6 Mts	3 feet

Map

Details Of Vulnerable Areas to Flood (Rural or Urban - Firka Level)

Vulnerable Areas : 1. Old Bus Stand 2. Panvewarar Street 3. Kanthan Pattural
4. Keerakkara Street 5. Srinivasapuram 6. Kal Thudhalar Street
7. Rayal Theatre Street 8. Palanapuram 1st & 4th Street
9. Periyar Street 10. Palakkara Street 11. Somasundarapuram
12. Malikan Street 13. Pumping Station Back side.

Firka Name : Bhavani
Block : Bhavani
Taluk Name : Bhavani
District Name : Erode

Details Of Vulnerability Area						
Types of Vulnerability in the Area	Details of the Areas	Inundation details water level (ft) / No. of Days	Source of flood	Name of the relief centers	Street to be used, except to relief centers	Distance to relief centers in KM
High Vulnerability	Old Bus Stand	3 to 4 Feet / 3 days	Water release from Malanthe & Panvewarar Dams across 22500 acres	State Civil St. Govt. School, Bhavani	State Highway No. 100	100 KM
	Panvewarar Street			Thangal College, Panvewarar, Bhavani	State Highway No. 100	100 KM
	Kanthan Pattural			Govt. Middle School, Kanthan Pattural, Bhavani	State Highway No. 100	200 KM
	Palanapuram			Manikandam High School, Palanapuram, Bhavani	State Highway No. 100	100 KM
	Rayal Theatre Street			Manikandam High School, Palanapuram, Bhavani	State Highway No. 100	100 KM
	Pumping Station Back side			Manikandam High School, Palanapuram, Bhavani	State Highway No. 100	100 KM
	Somasundarapuram			Kandamam High School, Somasundarapuram, Bhavani	State Highway No. 100	1 KM
	Palanapuram 1st & 4th Street			Manikandam High School, Palanapuram, Bhavani	State Highway No. 100	100 KM
	Somasundarapuram			Manikandam High School, Somasundarapuram, Bhavani	State Highway No. 100	100 KM
	Palanapuram			Manikandam High School, Palanapuram, Bhavani	State Highway No. 100	100 KM
	Perundurai			Manikandam High School, Perundurai, Bhavani	State Highway No. 100	200 KM
	Malikan Street			Manikandam High School, Palanapuram, Bhavani	State Highway No. 100	200 KM
Low Vulnerability						

Details of Contacts		
Name of the contacts details (I)	Contact Number (II)	
Name of the Nodal officer	Revenue Divisional Officer, Erode District	94470 00441
Name of the In-charge department	Block, Bhavani	94470 00967
Nearest Police station	Bhavani	94254 23043
Nearest Fire and rescue station	Bhavani	94254 23011
Name of the Taluk	Bhavani	94254 23034



Details Of Vulnerable Areas to Flood (Rural or Urban - Firka Level)

Vulnerable Areas : 1. Appakadal Village, 2. Jambol A, 3. Oricheri, 4. Uratchikottai

Firka Name : Bhavani
Block : Bhavani
Taluk Name : Bhavani
District Name : Erode

Latitude : 11.67318
Longitude : 77.565483

Details Of Vulnerability Area						
Types of Vulnerability in the Area	Details of the Areas	Inundation details water level (ft) / No. of Days	Source of flood	Name of the relief centers	Street to be used, except to relief centers	Distance to relief centers in KM
High Vulnerability	Jambol A	3 Feet / 3 days	Water release from Malanthe Dam & Bhavani Nagar Dam	Manikandam High School, Bhavani	State Highway No. 100	200 KM
	Uratchikottai			Chinnakkottai, Cannery River Bell Area	-	-
	1. Appakadal 2. Oricheri			Appakadal, Sankarathal, Kandan	Appakadal / Kandan / Sankarathal	1 KM
Low Vulnerability						

Details of Contacts		
Name of the contacts details (I)	Contact Number (II)	
Name of the Nodal officer	Revenue Divisional Officer, Erode District	94470 00441
Name of the In-charge department	Block, Bhavani	94470 00967
Nearest Police station	Bhavani	94254 23043
Nearest Fire and rescue station	Bhavani	94254 23011
Name of the Taluk	Bhavani	94254 23034



❖ Evacuation:

From all the vulnerable points, people were evacuated to nearby safer locations like Schools, Marriage and community halls. The following are the details of the

number of families shifted to the relief centres in the respective taluks of Erode District.

Erode District Relief Centers Details				
S.No	Name of the Taluk	Name of the Relief Centres	No. of families	Total no. of persons Evacuated
1	Erode	Erode Corporation Anganwadi centre and Corporation Primary School	17	50
2	Modakurichi	Panchyat Union Elementary School,Kangayempalayam.	10	32
3	Bhavani	Kandan Pattarai	75	216
		Municipality middle School (East School)	73	229
		Govt Girls Higher Sec School	115	284
		24 manai telugu chettiyar Mandabam	52	152
		Kamarajar School, bhavani	11	33
		Instene School (Vedhagiri)	46	162
		Samuthaya Koodam	62	225
		P.U.E.School,Kesarimangalam	7	20
		Magalir Suya Udhavi Kulu Kattidam, Sevai Maiyam	8	30
		P.U.E.School,Padavalkalvai	13	46
4	Gobichetti palyam	Panchayat Union Middle School, Mevani, Gobi	25	65
5	Kodumudi	Seetharam Kalyana Mandapam, Kodumudi	50	183
		SAP Mandapam, Kodumudi	12	29
		Throwbathyamman Kovil, Chathirappatty, Nanjai Kolanalli	47	136
6	Sathyamangalam	Lakshimi Mahal,Varathampalaiyam	23	69
		Panchayath Union Primary School	14	25

		Govt.Primary School	15	45
7	Modakurichi	Kangeyam - Govt.Primary School	10	32
Total			685	2063

Post disaster:

The sterilisation of areas was carried out after draining of waters, through bleaching and liquid chlorination to ensure hygiene. The power was restored with the gradual receding of waters from the areas. After ensuring the stability and safety of the houses, people from the relief centres were sent back to their houses.

Relief package of 10kg rice, 2 litres kerosene and Rs.1000 cash were given to the affected families.

FUTURE PERSPECTIVES:

The recent experience of flood due to the overflow of dam waters is a lesson learnt for future disaster. The evacuation numbers are high as majority of the families reside along the banks of cauvery and bhavani encroaching the water courses.

- ❖ Sensitisation about the vulnerability areas and the risks involved among the public.
- ❖ Encouraging more First time responders and inclusion of women responders as well.
- ❖ Resettlement of encroachers to alternative locations.
- ❖ Plan to prevent new encroachments in water courses.
- ❖ Extending desilting to more water bodies and also removal of trash and weed along the riverbanks.

To conclude, the disaster management framework implementation minimized the risks and the reduced the damages to a large extent. Awareness on Sendai framework can be created among the school and college students for better preparedness. The detailed assesment on water levels at the new vulnerable points would help in mitigating the risks involved due to unanticipated floods.

CHAPTER - 7 (A)

LBP MAINCANAL BREACH-2022

LBP MAIN CANAL BREACH ON 09.12.2022

Erode District, **Perundurai taluk**, Thiruvachi Village During the irrigation schedule due to intermittent rain pours in the area around LBP main canal the demand in the canal has been reduced from 09.12.2022 to 1000 cusecs. On 10.12.2022 around 4.30 pm in the main canal at LS mile 59-6-000 where a drainage culvert with double vent has been located in that reach, on the right bank a sudden collapse of earth has taken place and deep trench has been formed in a short time. Further deterioration has been taken place and quantum of seepage has increased suddenly, in continuation the two vent barrel has been damaged and collapsed and breach has been occurred.

Only about 1000 cusecs were running in the canal and at this juncture due to minus bed flow from either side of the canal approached the breach place and water washed away the structure too. **Any life losses or any untoward incidents were not happen.** The Work was completed within 14 days of time

CHAPTER - 8

SUMMER SEASON HEAVY RAIN DAMAGES - 2023

IN THE YEAR 2023, HEAVY RAINS IN THE ERODE DISTRICT AFFECTED SEVERAL AREAS. THE DETAILS ARE AS FOLLOWS

1) In the area known as Aalamaraththu Valasu in Periyapuliur village, Bhavani Taluk, the Rajangadu water bodies overflowed due to heavy rain that fell on the night of 01.05.2023. As a result, rainwater entered approximately 10 houses in the colony located in Aalamaraththu Valasu. Furthermore, 7 individuals (3 women, 3 men, and 1 child) from 3 families in the Aalamaraththu Valasu area were provided shelter in the Panchayat Union primary school in Poolappalayam and were sent back to their homes on the morning of 02.05.2023

Action Taken Report

❖ Aalamaraththu valasu in periyapuliur village bhavani taluk to rajangadu water bodies bund strengthening by filling by gravel.



2) On 01.05.2023, in Erode District, Erode North block, in the village of 03 Mettunachuvampalayam, the ground-level bridge located on Re. S. No. 165/2 of the Ellappalayam canal, as well as the ground-level bridge on Re. S. No. 71 in Karai Ellappalayam village, were completely damaged and washed away by water. As a result, rainwater entered over 10 nearby houses, affecting the residents. They were provided safe shelter at the Panchayat Union middle school in Periyapuliur on the night of 01.05.2023, and were sent back to their homes on the morning of 02.05.2023.

Action Taken Report

❖ NABARD Scheme 23-24 - Construction of High Level bridge at Km 2/350 of Ayyampalayam Ramagoundanvalasu road across Ellappalayam Odai
❖ CURRENT STAGE: DECK LAID, RETAINING WALL PROGRESS

Estimate - 218.65 Lakhs, Word Order Date - 02.02.2024, Duration - 18 Months



3) On 01.05.2023, in Erode District, Erode block, in the village of Periyasemur-A, heavy rain fell at night in the area of Soolai Bharathi Nagar. As a result, excess water from Kaniravuthar Lake overflowed and entered approximately 10 houses in the Bharathi Nagar residential area. The occupants of these houses (12 men, 15 women, and 16 children) were safely accommodated in the nearby Bharathi Nagar church. Once the rainwater receded, these individuals returned to their homes.

Action Taken Report

❖ Storm water drainage construction work has been completed. Now there is no stagnation in that area



4) Heavy rains on 06.11.2023 resulted in the inundation of residential areas in various villages in Erode taluk, leading to the evacuation of the public. As a result, 415 people were immediately sheltered in relief centers.

- 1) Erode East - Erode C - Natar Medu, Vinayagar Kovil Street-30
- 2) Erode East - Erode - B.P.Agraharam, M.G.R Nagar and Poompuhar Nagar-220
- 3) Erode East - Periya semur A - Malli Nagar (Slum) -73
- 4) Erode West - Attaiyampalayam- Nadar valaiyu -02
- 5) Erode West - Chithodu- Odakkadu old colony & Balaji Nagar -86
- 6) Erode North - Mettunasuvampalaiyam -Arunthathiyar Ellapalaiyam -4

Action Taken Report

❖ Desilting already carried out and periodically work



5) On 07.11.2023, heavy rain in the village of Kookalur, under the Gobichettipalayam taluk, caused a blockage in the drainage system. As a result, rainwater entered approximately 25 houses in the Thalaikkombu Pudhur area due to the lack of an outlet for the water. However, there were no significant impacts on the residential areas.

Action Taken Report

❖ Due to heavy rain, 25 Residential Buildings were surrounded by rain water at Thalaikombupudhur. Subsequently all the rain water has been drained out in a floating manner

Permanent preventive measures

❖ Detailed project report has been prepared to construct storm water drain at ward no. 7 Thalaikombupudhur at an estimated cost of Rs. 1.80 Cr. for 1.300 kms. Funds to be tie-up under CGF, KNMT



6) On the night of 08.11.2023, heavy rain in the areas of Nambiyur Taluk, Vemmandampalayam Inner Circle, Irugalur village, and Majar Kolandapalayam caused the pond to overflow. Due to the collapse of the nearby embankment, water entered approximately 10 acres of agricultural land. Furthermore, on the night of 09.11.2023 heavy rain in Nambiyur Circle, Vemmandampalayam Inner Circle, and Vemmandampalayam "A" village caused the wall of the government higher secondary school to collapse by about 100 meters.

Permanent preventive measures

- ❖ Construction of Surplus weir - Rs. 36.00 - CGF
- ❖ As Date - 25.07.2024
- ❖ Tender Date - 21.08.2024
- ❖ Word Order Date - 02.09.2024
- ❖ Present Stage - Jungle Clearance work under progress
- ❖ Probable Date of Completion - 02.02.2024



7) On 08.11.2023, due to heavy rain, the temporary bridge constructed in the village of Makkinangombai, Sathiyamangalam taluk, was completely submerged in floodwater. Traffic in that area has been temporarily halted, and an alternative route has been arranged.

Action Taken Report

❖ A New Bridge has been constructed under MGNREGS Scheme.



8) On 10.11.2023, heavy rain in several areas of the Nambiyur taluk caused the banks of the Koodakarai lake to collapse. Additionally, the Thattampudhur causeway was completely submerged in water.

Action Taken Report

❖ Banks of Gudakkarai Pond is now restored using Panchayat union general fund and the water way os cleared for free flow of water to prevent water logging in future



9) In Erode District, Erode taluk, in the Erode West Inner Circle, a ground-level bridge approximately 60 feet long, connecting Mokkaampalayam and Kulathupalayam, was washed away by heavy rain on the night of 21.11.2023. This bridge is located in Villarasambatti "B" Village, Majara Ellapalayam R.S., at Nos. 14, 15, 30, 35, and 36, and was constructed by the Ellapalayam Panchayat about 40 years ago.

Action Taken Report

❖ Bridge construction work has been completed. There is no chance to flood in that area.



10) In Karumandichellipalayam village, in the Chettithoppu area, heavy rain on 21.11.2023, caused rainwater to overflow onto the state highway leading from Perundurai to Erode.

Action Taken Report

❖ The overflow water from the Chettithoppu due to heavy rain has been drained out. At present waste water has been drained out by using 7.5 HP motor. Action has been taken to construct stormwater drain based on the feasibility report and opinion of the Public.



11) The details of the areas affected by heavy rains in the Erode circle on the night of 21.11.2023 are as follows:

- 1) Erode East - Periasemur, B Village - Malli Nagar - 76 people were accommodated in relief camps.
- 2) Erode East - Periasemur, B Village - Annai Satya Nagar - 30 people were accommodated in relief camps.
- 3) Erode East - Surampatti - Old Poonthurai Road and Kayavan Patches - 120 people were accommodated in relief camps.
- 4) Erode East - Periasemur, B Village - Weaver Colony - 100 people were accommodated in relief camps.

Action Taken Report

❖ Pichaikaranpallam Odai was desilted. Now there is no chance to flood in that area and Storm water drain constructed by Highways department. Now there is no chance to flood in that area.



12) On the night of 22.11.2023, continuous rain caused the Odathurai Lake in the village of Majara Balapalayam, Bhavani Taluk, to fill completely. As a result, the excess water in the northeastern part of the lake could not escape.

Action Taken Report

❖ The Odathurai Tank, in the Village of Majara Balapalayam, Bhavani Taluk, filled completely on 23.11.2023 and surplussed and all the three weirs in the tank, surplussed to a uniform and even depth. Water is of self Contouring Nature. In any Tank or Reservoir or lake, water will be of same level in all areas of the Tank or Reservoir. It is not possible to accumulate water in a particular portion of the lake, and so, the question of accumulation of water in the North Eastern part of the lake, and that water could not escape does not arise. Hence taking any precautionary measures does not arise.

SUMMER SEASON HEAVY RAIN DAMAGES - 2024

1) Santhan Nagar Kulam and Palanikavundan Pudur Kulambreach - 2024

Erode District, Nambiyur Town Panchayat is consists of 15 wards with a population of 16379 as per 2011 census with an extent of 24.20 Sq.Km. Due to heavy rain on 19.05.2024 from 4 pm to 9.30 pm Santhana nagar Kulam has been filled and flooded. Subsequently, the front line workers have evacuated the debris and tress fallen from the water course areas.

Due to the rain and floods, the breach in Santhana Nagar Kulam resulted in very little floodwater entering two houses in Majara Rajiv Gandhi Nagar and five houses in Majara Ambedkar Nagar Colony in Nambiyur village. The floodwater was drained away immediately, and there was no damage to the houses. Additionally, five people who were trapped in the floodwaters in the plantation areas of Ambedkar Nagar Colony were rescued by the fire department. The floodwater also entered the agricultural land adjacent to the barrage, but there was no damage to the crops.

Further, Executive officer and Thasildhar Nambiyur have been inspected the flood affected area jointly on 20.05.24 and revealed that the pond was full and beyond its capacity, surplus water went to nearby agricultural lands and flowed in to the waterways. Meanwhile, sandbag has been stacked near the bund as per the instruction of the Revenue Divisional Officer, Gobichettipalayam.

In Palanikavundan Pudur Pond, located in Emmampoondi village of Nambiyur Taluk, a breach occurred. Due to this breach, a total of 52 houses in Periyar Nagar and Kamaraj Nagar of Nambiyur Taluk were inundated. Immediately, 136 people were evacuated and sheltered in a relief center. However, since the rainwater was drained off promptly, the residential areas were not significantly affected.

Due to heavy rain from 20.05.24 to 22.05.24 in the Pappankuttai area of Emmampoondi B village in Nambiyur Taluk, a total of 10 houses in Pappankuttai Nagar were inundated. Therefore, 61 people were immediately evacuated and sheltered in a relief center. However, since the rainwater was drained off promptly, the residential areas were not significantly affected.

The Assistant Director of Town Panchayats and Assistant Executive Engineer, Erode Zone have inspected the flood affected areas and instructed to carry out the repair works in a war footing manner by dovetailing general funds. Damaged Compound wall of office building, mini power pump and pipeline were rectified immediately due to heavy rain.

Palanigoundanpuder kuttai improvement works has been taken up under KNMT 2023-24 as an estimate cost of Rs.12.00 Lakhs. As the maintenance works was

undergoing, pond was damaged and water from the pond outbreaked. Due to this the road was damaged.

Due to urgency and necessity detailed project report were prepared by the Junior Engineer and administrative sanction has been accorded on 19.07.24 and work has been awarded for the following works. All the works are under progress at various stages.

S.No	Name of the Work	Estimate Amount
1	Maintenance of Compound wall at Town Panchayat office Premises in Nambiyur Town Panchay, Erode District.	5.80
2	Maintenance of pipe Culvert at Kedarai Palanigoundenputhur road Near Kuttai in Nambiyur Town Panchayat.	8.00
3	Construction Of Compound wall, Drain, Erection of Power Pump at Existing Sump and Extension of pipe line at Ward No 11 Piliampalayam sump to JJ Nagar OHT in Nambiyur Town Panchay, Erode District.	11.40
4	Extension of pipe line from Puthu suripalayam OHT to kallankattu palayam Privu in Nambiyur Town Panchayat.	2.80
	Total	28.00



2) Due to heavy rain on 06.06 2024, rainwater flooded the drain opposite the Chennai Gate Rice Godown on the national highway from Salem to Coimbatore in Nasiyanur "A" Village. Additionally, trees in the area were leaning onto the power lines, obstructing traffic. The issue was subsequently resolved.

Action Taken Report

❖ The rain water was passes through small pipe culvert constructed by PWD under the bridge of LBB. The PWD has to construct new culvert by replacing pipe culvert constructed already.

3) On 17.05.2024, due to heavy rain in the Sathiyamangalam taluk, the temporary bridge at the Sakkarai pallam in the Kadampur forest area, on the road from Kuthiyalathur village to Majara Arikiyam, was washed away. An alternative route has been established for traffic.

Action Taken Report

❖ Sakkarai Pallam River Bridge to Completed 5 Spen. Dech Lay. Approach Exiziting Wall work completed. Heavy reil wall in Progress. This work Compeleted on 30.10.2024. Alternative route not neccesity. The Vechicle Traffice allow the Bridge within a month



4) On 20.05.2024, heavy rain in the Kadappamadai area of the Perundurai taluk, particularly affecting KG Fabric and Premier companies, caused water to accumulate on the main roads of the SIPCOT city. The rainwater was subsequently drained using a JCB. Additionally, in Eengur village, the culverts were blocked, leading to water accumulation around the village. As a result of the rain, the boundary walls of 10 companies on the 6th cross street of Sipcot collapsed and were damaged.

Action Taken Report

Following the unprecedented rainfall in May 2024, measures have been taken to address the issue:

❖ The earthen drain has been significantly deepened, and culverts have been desilted to improve water flow.

❖ A pond with a capacity of 28 lakh litre has been created at downstream to mitigate inundation.

❖ Common areas are being maintained daily, including garbage cleaning and clearing bushes along the road sides.



5) Due to rain on 20.05.2024, 10 families (10 men, 9 women, and 10 children, for a total of 29 people) living in Kullampalayam village were surrounded by rainwater. The public was safely accommodated in relief camps, and food was provided.

Action Taken Report

❖ In the coming times, to prevent rainwater from stagnating, pipe culverts have been laid and arrangements have been made on 31.05.2024 for water to go directly to the pond.



6) On 31.08.2024, heavy rain in the Anthiyur taluk, Parkur hilly areas caused damage to the roads on both sides, which were later repaired.

Action Taken Report

❖ The road side all the culverts inlet and outlet vent was cleared



7) On 04.06.2024, heavy rain in several areas of Sathiyamangalam Circle caused the road from PUNCHAI PULIYAMPATTI to NAMBIYUR to be submerged in rainwater for about two hours.

Action Taken Report

❖ As per CPCB Norms the used water treated by constructing wetland method along the stream. This construction technology is not considered as encroachment because it is used water treatment work. Based on this concept the work was sanctioned under SBM 2.0/2022-2023 at the project cost of Rs.663.00 Lakhs (It includes GOI Share, GOTN Share and ULB Share) on 15.03.2023, Work order Issued on 17.05.2023. and the work was started on 11.07.2023. 95% of work was completed. Only filling pebbles and kalvalai Plantation to be done. The work is constructed in the SF no.233/2 whereas total width of the stream in North side 72.60m and South side 50.40m. In this work open tubs (size - 5.00m x 7.50m) 2 rows with each side 18 Nos of tubs constructed to a total width of 11.80m constructed along the stream. There is no commercial buildings or machineries are involved in this project. The Construction was not affected the free flow in rainy season. Hence sufficient space available for free flow of rain water during rainy season. So, the rain water will not stagnate anymore and Some of the houses were partly constructed in the streamside above the drain and due to this the rain water may enter into the house. After completing of the scheme no bad odor in that area.

8) Due to heavy rain in Burgur the surface of the road was badly damaged-2024

Chellampalayam-Burgur-Kollegal Road is one of the most important Major District Roads, specifically from Km 10/0 to Km 51/2 (MD 1045), in the Bhavani (H) C&M Sub-Division of the Erode (H) C&M Division. This road is a key interstate route connecting Erode, Bhavani, Anthiyur, and Burgur with Kollegal in Karnataka. The traffic intensity on this road is considerable, with a large number of heavy vehicles transporting granite stones, agricultural products, and other goods between Karnataka and Tamil Nadu.

On this road, Km 10/0 to Km 51/2 lies in the western ghat section between Tamil Nadu and Karnataka. Due to heavy rains (recorded at 58 cm) during the night hours of 14.08.2024, Km 10/0 to Km 21/0 was severely affected by stone and mudslides from the hillock side, and the berms on the valley side were badly eroded. At many locations, the BT surface of the road was also severely damaged.

Currently, the Highways Department is carrying out restoration work to facilitate the free flow of traffic and public conveyance without hindrance. In the future, measures will be taken to address the severe damage to the road surface during the rainy season.

- (i) A retaining wall should be proposed on the valley side at required locations.
- (ii) The damaged culvert should be reconstructed, and new culverts should be proposed wherever rainwater flows across the road.
- (iii) A breast wall should be proposed on the hillock side wherever necessary.
- (iv) "V" shaped drains should be proposed on the hillock side to prevent berm erosion and damage to the BT surface.





9) Broken Drainage Culvert at Mile 47-2-145 of LBP MAIN CANAL-2024

Water was released into the Lower Bhavani Project Main Canal on 15th August 2024. After the water had been flowing for four days, farmers reported a water leak in the drainage culvert at mile 47-2-145 on the afternoon of 19th August 2024. They noted that a significant amount of water was escaping from the culvert, so an irrigation assistant was sent to inspect it at 8:00 PM, as instructed by higher authorities.

After this, information was given to the higher authorities and the executive engineer came and inspected the barrel and it was found that there was a lot of water leakage, Then He reported to the Honorable Minister for Housing and Urban Development, District collector and the Principal secretaries of the water resources department were informed and the water was stopped 19.08.2024 on 11.00pm to rectify the damaged portion.

In the morning of 20.8.2024 in consultation with the Engineer in Chief WRD, Chief Engineer, Superintending Engineer, Executive Engineer, Honorable Minister for Housing and Urban Development, District collector, They are decided that erected by placing a 12 inch Steel pipe inside the barrel and Plug upstream and downstream side by a concrete block temporarily this work will be completed within 2 Days and the work has been started. WRD Engineers were engaged to complete the temporary restoration work immediately on war foot basis and after completion the water was again released on 22.08.2024 in the main canal.





BROKEN DRAINAGE CULVERT AT MILE 47-2-145 OF LBP MAIN CANAL



DOCUMENTATION OF DAMAGES CAUSED BY SUMMER SEASON FLOOD-2024

1. SUMMARY:

With the extraordinary southwest monsoon this year, the Districts of Erode, Salem, and Namakkal bore the brunt of floods due to heavy downpours in the catchment areas of the Cauvery River in Kodagu and Hassan Districts of Karnataka. Following the torrential rains, the reservoirs of Krishnarajasagar and Kabini breached the danger mark, resulting in the discharge of excess water. The inflow from these reservoirs filled the Mettur Dam to its maximum capacity of 120 feet. For the fourth time this year, the Mettur Dam has reached full capacity. The situation turned grim downstream of the Cauvery River due to the surplus outflow from the brimming Mettur Dam.

Though the quantity of water discharge fluctuated depending on rainfall in the upstream areas, the District administrations of Erode, Salem, and Namakkal were issued flood alerts through a circular from the Revenue Administration on 27th July 2024. Meanwhile, the release from Mettur was communicated in advance by the District administration, which periodically alerted the downstream Districts. Interdepartmental zonal teams were also sent to monitor the situation in the expected vulnerable areas in Erode. Precautionary measures were taken to prevent the loss of human and cattle lives. This led to the inundation of many areas, with the same locations affected in 2018 now being affected again in 2024. No new locations were impacted.

HOW IT ALL BEGAN?

On July 27, 2024, the Central Water Commission issued an advisory warning for the River Cauvery, stating that there was a likelihood of a heavy release of water from the Krishnarajasagar and Kabini dams. The combined discharges of more than 100,000 cusecs were expected to reach the Mettur Dam within 2 days, and the Commission requested that suitable precautionary measures be taken. Consequently, the IDZT was alerted to possible vulnerable locations. A gradual release of water was carried out from the Mettur Dam from July 28 to 31, until a sudden spurt occurred the very next day.

2. Ground report on Flood and its affected areas:

"On August 1, 2024, a release of 125,000 to 170,000 cubic feet of Cauvery water is scheduled at the Mettur Dam. The Cauvery River flows through Anthiyur before joining the Bhavani River at Kooduthurai. The Bhavani River has affected many parts downstream, including the Bhavani, Erode, Kodumudi, and Modakurichi taluks

❖ Mettur reservoir:

The outflow from the Mettur Dam increased from 8,000 to 23,000 cusecs on July 29. The PWD officials at the Mettur Dam and the District Collector periodically communicated information about the inflows and outflows. Based on this information, the Collector alerted the officials and IDZT teams. Through loudspeakers, the public was warned not to bathe or fish in the river. The drastic surge in the outflow to 81,500 cusecs led to the evacuation of 40 families in Bhavani Taluk. As the water level rose to 150,000 cusecs, crops were submerged, and more families had to move to relief camps.

There are 30 revenue villages located in the river banks of Cauvery in 5 Taluks.

Sl.No.	Name of the Taluk	Name of the Village
1	Erode (8)	S.P Agraharam
2		Annainasuvampalayam
3		Nanjai Thalavai Palayam
4		Vairapalayam
5		B.S. Agraharam
6		S.S. Agraharam
7		Peelamedu
8		Vendipalayam
9	Modakurichi (3)	Nanjai Lakkapuram
10		Kangayam Palayam
11		Nanjai Kalamangalam
12	Kodumudi (8)	Pasur
13		Nanjaikilampadi
14		Nanjaikolanalli
15		Venkambur -A
16		Kodumudi A
17		Kodumudi B
18		Chenna Samudram -A
19		Avudayarparai
20	Bhavani (8)	Singampettai
21		Padavalkalvai
22		Kadapanallur
23		Varadhanallur
24		Saniyasipatti
25		Uratchikottai
26		Bhavani A
27		Bhavani B
28	Anthiyur (3)	Nerunjipettai
29		Ariyakavundanur
30		Ammappettai A

3. DISTRICT DISASTER MANAGEMENT PLAN:

The activities carried out as a part of DDMP is explained briefly:

3.1. Pre Disaster:

3.1.1 Planning:

- ❖ First responders had been already identified.
- ❖ Inter Departmental zonal teams had been put in place.
- ❖ Circular for preparedness with clear instructions were issued to all the line departments.

3.1.2 Early warning:

- ❖ Forecasts received from CWC, neighbouring District administration, Dam authorities and the same has been communicated to the local authorities.
- ❖ After receiving the flood alerts, early warning had been issued to all the line departments, First responders, Community of expected vulnerable areas and also anticipated areas that were likely to get affected due to release of excess water from the dams.
- ❖ Though vulnerability areas had been identified and mapped, public from the most of the low lying unidentified areas were alerted and evacuated.
- ❖ Control room in the collectorate was kept functioning round-the-clock.
- ❖ A separate WhatsApp group has been created for disaster management communication. All the Inter-Departmental District Officers have been included in this group.

3.1.3 Information dissemination:

- ❖ The information regarding the flood alert had been disseminated through media, tom- tom, mike and through field functionaries and local authorities.
- ❖ Team of officials comprising Zonal Deputy Tahsildars, Revenue Inspectors, Village Administrative Officers and Village Assistants were drafted for duty 24X7 by Tahsildars and Revenue Divisional Officers to watch the water release level in Cauvery.

3.1.4 Preparedness:

- ❖ Adequate mock drills were conducted to sensitise people on how to respond to the disaster alerts.
- ❖ Relief centres/ public buildings were identified and kept available.
- ❖ Alternative sources for Power and water supply were identified.
- ❖ The personnel and manpower from various services like fire, police, Electricity board, pump operators, sanitary workers, local volunteers etc were kept available.
- ❖ Ensured availability of vehicles to transport people from affected areas to relief centres
- ❖ Availability of health personnel and medicines ensured.

- ❖ Essential commodities were stocked at the vulnerable points.

3.2 During Disaster:

Due to the continuous release of water from the Mettur Dam, 10 locations in 5 taluks of Erode District have been affected by waterlogging. People have been temporarily relocated to relief camps.

- ❖ Control room was continuously updating the information regarding the inflow and outflow of waters as well as the number of relief camps in each taluk to the State Disaster management cell.
- ❖ In case of updates regarding the water levels, the information was disseminated to the DDMA, IDZT and the revenue and the local authorities

3.2.1 Evacuation:

From all the vulnerable points, people were evacuated to nearby safer locations such as schools, marriage halls, and community halls. The following are the details of the number of families shifted to the relief centers in the respective taluks of Erode District.

S.No	Name of the Taluk	Name of the Relief Centres	No. of families	Total no. of persons Evacuated
1	Erode	Primary School, Vairapalaiyam	13	50
2	Modakurichi	Primary School, Kangayampalayam	05	16
3	Kodumudi	Seetharam Thirumana mahal, Kodumudi Town	47	92
4	Kodumudi	S.A.P Mahal, Kodumudi Town	15	45
5	Bhavani	Municipal Elementary school, Pasuveshwarar Street, Bhavani	20	44
6	Bhavani	Municipal Community Hall,, Kamarajar Nagar, Bhavani	14	42
7	Bhavani	Government Girls Higher Secondary School, Old bus stand backside Main, Bhavani	16	35
8	Bhavani	Municipal Middle School (East School), Cauvery Street, Bhavani	14	47
9	Bhavani	Community Hall Natarajapuram, Orachikottai	16	41
10	Bhavani	RBMR Building and Library Building Peramachipalaiyam, Kadappanallur	05	13
Total			165	425

3.2.2 Search and Rescue:

There were search and rescue teams involving Police and fire service

personnel deployed at all sensitive locations. Revenue officials pacified the public to move to the relief shelters. It was due to the coordination among the police and the revenue officials that District administration was able to act swiftly.

3.2.3 Isolating the flood affected regions:

- ❖ Modakurichi, Bhavani, and Kodumudi, three temples located on the riverbanks, were isolated to prevent public access. (Curiosity of the people to view the flood affected place and its water level).
- ❖ The bridge over the Bhavani River at Perunthalayur village, Bhavani Taluk, was submerged, and transport services were diverted through alternative routes.

3.2.4 Facilities/ Services provided at Relief centres:

- ❖ Sufficient quantity of Food, drinking water, milk were through volunteers, NGOs, people's representatives. Community kitchens were arranged by the department with the help of local people at few places.
- ❖ Mobile medical units visited the relief shelters round the clock.
- ❖ Gen-sets provided to all centres to provide uninterrupted power supply.
- ❖ Sanitary workers were deployed for cleaning the relief centres, toilets and chlorinated the water supply to ensure hygienic conditions. Fogging was done at all relief locations to prevent mosquito bites.
- ❖ Security with the help of adequate police force provided at all possible locations.
- ❖ Frequent visit of people's representatives and officials to provide mental support to the public and also to ensure that the adequate facilities were provided to them.

3.2.5 Prevention of Epidemic outbreak:

- ❖ Supply of chlorinated drinking water to the public (affected and non affected).
- ❖ Application of bleaching powder at all affected and also in the vicinity of those affected places. (Water stagnated and inundated areas).
- ❖ Ensured sanitation to all public toilets and toilets at relief centres.
- ❖ Close monitoring by the staffs at health camps for chances of outbreak of diseases and Cleaning of drainage channels.

3.3 Post disaster:

The sterilization of the areas was carried out after the water was drained, through bleaching and liquid chlorination to ensure hygiene. Power was restored as the water gradually receded from the areas. After ensuring the stability and safety of the houses, people from the relief centers were sent back to their homes.

AN ASSESSMENT ON FLOOD WATERS

In addition to marking vulnerable points and geotagging them, we have also noted the height of the water reached in relation to the outflow levels in all the flood-

affected taluks. This information will serve as a reference for future evacuation processes.

Date	Water level (ft)	Storage (mcft)	Inflow (cusecs)	Outflow (cusecs)
28.07.2024	112.270	81676	152903	8000
29.07.2024	117.30	89353	91368	23000
30.07.2024	120	93470	66454	81500
31.07.2024	120	93470	125000	125000
31.07.2024	120	93470	150000	150000
31.07.2024	120	93470	170500	170000
01.08.2024	120	93470	170870	170000
02.08.2024	120	93470	157000	150000
02.08.2024	120	93470	130000	130000
03.08.2024	120	93470	70000	70000
04.08.2024	120	93470	74662	70000

Bhavani Taluk

S. No	Date	Name of the river	Outflow (Cusecs)	Areas affected	No. of families staying in relief shelters	No. of persons accommodated
1	31.07.2024	Cauvery	125000	Pasuveshwarar Street, Bhavani - B Village	16	31
2	31.07.2024	Cauvery	125000	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani - B Village	11	30
3	01.08.2024	Cauvery	170000	Pasuveshwarar Street, Bhavani - B Village	20	44
4	01.08.2024	Cauvery	170000	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani - B Village	12	35
5	01.08.2024	Cauvery	170000	Keeraikarai Street, Bhavani River Old Kuppam, Bhavani-B Village	16	35

6	01.08.2024	Cauvery	170000	Palakkarai Street And Veththalai Padikkattu Street, Bhavani-B Village	31	84
7	01.08.2024	Cauvery	170000	Nethaji Nagar,Orachikott ai	08	17
8	01.08.2024	Cauvery	170000	Peramachipalaiya m Kadappanallur Village	4	10
9	02.08.2024	Cauvery	150000	Pasuveshwarar Street, Bhavani - B Village	20	44
10	02.08.2024	Cauvery	150000	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani - B	14	42
11	02.08.2024	Cauvery	150000	Keeraikarai Street,Bhavani River Old Kuppam, Bhavani-B Village	16	35
12	02.08.2024	Cauvery	150000	Palakkarai Street And Veththalai Padikkattu Street, Bhavani-B Village	14	47
13	02.08.2024	Cauvery	150000	Nethaji Nagar,Orachikott ai	16	41
14	02.08.2024	Cauvery	150000	Peramachipalaiya m Kadappanallur	4	10
15	03.08.2024	Cauvery	70000	Pasuveshwarar Street, Bhavani - B	20	44
16	03.08.2024	Cauvery	70000	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani - B Village	14	42
17	03.08.2024	Cauvery	70000	Keeraikarai Street,Bhavani River Old Kuppam,	20	35

				Bhavani-B Village		
18	03.08.2024	Cauvery	70000	Palakkarai Street And Veththalai Padikkattu Street, Bhavani-B Village	14	47

S.No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height / level of the water from the river bed
1	31.07.2024	Cauvery	Pasuveshwarar Street, Bhavani -B Village	125000	7 Mts	4 feet
2	31.07.2024	Cauvery	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani -B Village	125000	7 Mts	4 feet
3	01.08.2024	Cauvery	Pasuveshwarar Street, Bhavani -B Village	170000	10 Mts	5 feet
4	01.08.2024	Cauvery	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani -B Village	170000	10 Mts	5 feet
5	01.08.2024	Cauvery	Keeraikarai Street, Bhavani River Old Kuppam, Bhavani-B Village	170000	10 Mts	5 feet
6	01.08.2024	Cauvery	Palakkarai Street And Veththalai Padikkattu Street, Bhavani-B Village	170000	10 Mts	5 feet
7	01.08.2024	Cauvery	Nethaji Nagar, Orachikottai	170000	10 Mts	5 feet
8	01.08.2024	Cauvery	Peramachipalaiyam Kadappanallur Village	170000	10 Mts	5 feet
9	02.08.2024	Cauvery	Pasuveshwarar Street, Bhavani -B Village	150000	8 Mts	5 feet

10	02.08.2024	Cauvery	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani -B Village	150000	8 Mts	5 feet
11	02.08.2024	Cauvery	Keeraikarai Street,Bhavani River Old Kuppam, Bhavani-B Village	150000	8 Mts	5 feet
12	02.08.2024	Cauvery	Palakkarai Street And Veththalai Padikkattu Street, Bhavani-B Village	150000	8 Mts	5 feet
13	02.08.2024	Cauvery	Nethaji Nagar,Orachikottai	150000	8 Mts	5 feet
14	02.08.2024	Cauvery	Peramachipalaiyam Kadappanallur Village	150000	8 Mts	5 feet
15	03.08.2024	Cauvery	Pasuveshwarar Street, Bhavani -B Village	70000	3Mts	2 feet
16	03.08.2024	Cauvery	Cauvery Street, Kandhan Pattarai (PGR Hospital Road) Bhavani -B Village	70000	3Mts	2 feet
17	03.08.2024	Cauvery	Keeraikarai Street,Bhavani River Old Kuppam, Bhavani-B Village	70000	3Mts	2 feet
18	03.08.2024	Cauvery	Palakkarai Street And Veththalai Padikkattu Street, Bhavani-B Village	70000	3Mts	2 feet



மேட்டூர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சுன்கரா இ.ஆ.ப., அவர்கள் இன்று (28.07.2024) ஈரோடு மாவட்டம், பவானி வட்டம், சிங்கம்பேட்டை படவல் கால்வாய் ஊராட்சி பெரிய காட்டூர் ஆற்றங்கரை பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னெச்சரிக்கை நடவடிக்கைகள் குறித்து ஆய்வு மேற்கொண்டார். உடன் கோபிசெட்டிபாளையம் வருவாய் கோட்டாட்சியர் திரு.கண்ணப்பன் அவர்கள் உட்பட பலர் உள்ளனர்.



மேட்டூர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சுன்கரா இ.ஆ.ப., அவர்கள் இன்று (28.07.2024) ஈரோடு மாவட்டம், பவானி வட்டம், அம்மாபேட்டை பழைய மாரியம்மன் கோவில் வீதியில் காவிரி ஆற்றங்கரை ஓர பகுதிகளில் மேற்கொள்ளப்பட்டுள்ள முன்னெச்சரிக்கை நடவடிக்கைகள் குறித்து ஆய்வு மேற்கொண்டார். உடன் கோபிசெட்டிபாளையம் வருவாய் கோட்டாட்சியர் திரு.கண்ணப்பன் அவர்கள் உட்பட பலர் உள்ளனர்.



மேட்டூர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சன்கரா இ.ஆ.ப., அவர்கள் இன்று (28.07.2024) ஈரோடு மாவட்டம், பவானி வட்டம், சிங்கம்பேட்டை படவல் கால்வாய் ஊராட்சி பெரிய காட்டு ஆற்றங்கரை பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னெச்சரிக்கை நடவடிக்கைகள் குறித்து ஆய்வு மேற்கொண்டார். உடன் கோபிசெட்டிபாளையம் வருவாய் கோட்டாட்சியர் திரு.கண்ணப்பன் அவர்கள் உட்பட பலர் உள்ளனர்.



மேட்டூர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சன்கரா இ.ஆ.ப., அவர்கள் இன்று (28.07.2024) தயார் நிலையில் உள்ள ஈரோடு மாவட்டம், பவானி வட்டம், பசுவேஸ்வர வீதி நகராட்சி ஆரம்பப் பள்ளி முகாமிணை ஆய்வு செய்தார்.





Vulnerable Map

Details of Vulnerable Areas to Flood (Rural-Firka Level)

Details of Vulnerable Areas to Flood (Rural - Firka level)

Vulnerability Area: Bhavani Municipality - Ward No.21, Kavayitri Street & Old Causway Street

Firka Name: Bhavani
Block Name: Bhavani
Tahsil Name: Bhavani
District Name: Erode

Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Description details water level feet / No. of Days	Source of Flood	Name of the relief centers	Area to be used except in relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Bhavani Municipality - Ward No.21 - Kavayitri Street & Old Causway Street	3 Hour 3 Days	Water enters from Main Cauvery Street, 3.75,000 litres in 3 hours over water enters into Bhavani, Erode.	Governmental Super Secondary School, (M.D.S. High School, Bhavani, Erode)	Old Bus Stand, Bhavani, Erode.	100 Mts.
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

Name of the contacts details (B)		
Name of the Contact Officer	Contact Name	Contact Number (B)
Name of the Area Department Team Leader	Tahsil, Bhavani	94476 09501
Nearest Police Station	Bhavani	94276 29024
Nearest Fire and Rescue Station	Bhavani	94276 29021
Name of the Tahsil	Bhavani	94276 29024



Details of Vulnerable Areas to Flood (Rural-Firka Level)

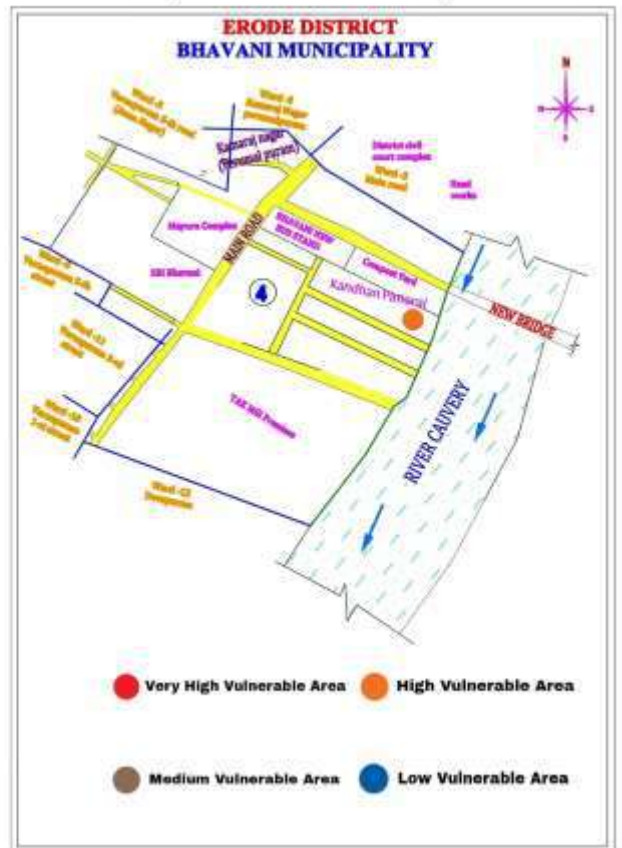
Details of Vulnerable Areas to Flood (Rural - Firka level)

Vulnerability Area: Bhavani Municipality - Ward No. 4, Kanthar Palanis

Firka Name: Bhavani
Block Name: Bhavani
Tahsil Name: Bhavani
District Name: Erode

Details Of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Description details water level feet / No. of Days	Source of Flood	Name of the relief centers	Area to be used except in relief centers	Distance to relief centers in KM
Very High Vulnerability	NA	NA	NA	NA	NA	NA
High Vulnerability	Bhavani Municipality - Ward No.4 - Kanthar Palanis	3 Hour 3 Days	Water enters from Main Cauvery Street, 1,75,000 litres in 3 hours over water enters into Bhavani, Erode.	Governmental Super Secondary School, (M.D.S. High School, Bhavani, Erode)	Old Bus Stand, Bhavani, Erode.	100 Mts.
Medium Vulnerability	NA	NA	NA	NA	NA	NA
Low Vulnerability	NA	NA	NA	NA	NA	NA

Name of the contacts details (B)		
Name of the Contact Officer	Contact Name	Contact Number (B)
Name of the Area Department Team Leader	Tahsil, Bhavani	94476 09501
Nearest Police Station	Bhavani	94276 29024
Nearest Fire and Rescue Station	Bhavani	94276 29021
Name of the Tahsil	Bhavani	94276 29024



Details of Vulnerable Areas to Flood (Rural-Firka Level)

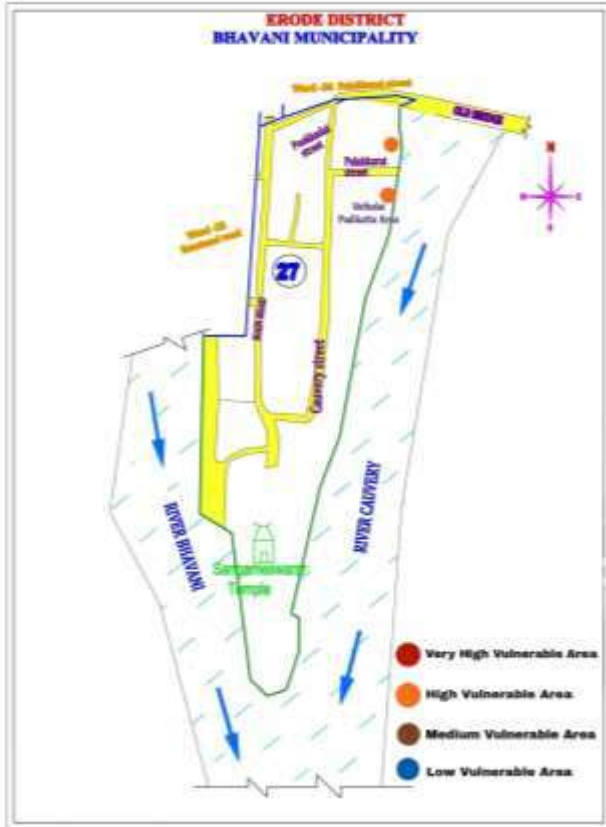
Details of Vulnerable Areas in Ward 15 (Rural - Firka level)

Vulnerable Area: Bhavani Municipality - Ward No.17, Panchayat Office & Village Public Works Office

Village Name: Bhavani
Block Name: Bhavani
Taluk Name: Bhavani
District Name: Erode

Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Estimated death water level foot / No. of Days	Source of Flood	Name of the relief center	Distance to the relief center in KM	Distance to relief center in KM
Very High Vulnerability	N/A	N/A	N/A	N/A	N/A	N/A
High Vulnerability	Bhavani Municipality - Ward No.17, Panchayat Office & Village Public Works Office	1 foot / 3 Days	Water release from Bhavani Dam across 1.75km distance	Bhavani High School (Village), Bhavani (Village), Bhavani (Village)	100 mts	100 mts
Medium Vulnerability	N/A	N/A	N/A	N/A	N/A	N/A
Low Vulnerability	N/A	N/A	N/A	N/A	N/A	N/A

Name of the contacts-Details (B)		Contact Number (B)
Name of the holder of the	District Manager, Erode	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111



Details of Vulnerable Areas to Flood (Rural-Firka Level)

Details of Vulnerable Areas in Ward 20 (Rural - Firka level)

Vulnerable Area: Bhavani Municipality - Ward No.20, Panchayat Office

Village Name: Bhavani
Block Name: Bhavani
Taluk Name: Bhavani
District Name: Erode

Details of Vulnerability Area						
Type of Vulnerability in the Area	Details of the Area	Estimated death water level foot / No. of Days	Source of Flood	Name of the relief center	Distance to the relief center in KM	Distance to relief center in KM
Very High Vulnerability	N/A	N/A	N/A	N/A	N/A	N/A
High Vulnerability	Bhavani Municipality - Ward No.20, Panchayat Office	1 foot / 3 Days	Water release from Bhavani Dam across 1.75km distance	High School, Panchayat Office, Bhavani (Village), Bhavani (Village)	100 mts	100 mts
Medium Vulnerability	N/A	N/A	N/A	N/A	N/A	N/A
Low Vulnerability	N/A	N/A	N/A	N/A	N/A	N/A

Name of the contacts-Details (B)		Contact Number (B)
Name of the holder of the	District Manager, Erode	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111
Name of the Area Development Officer	Bhavani, Bhavani	9443097111

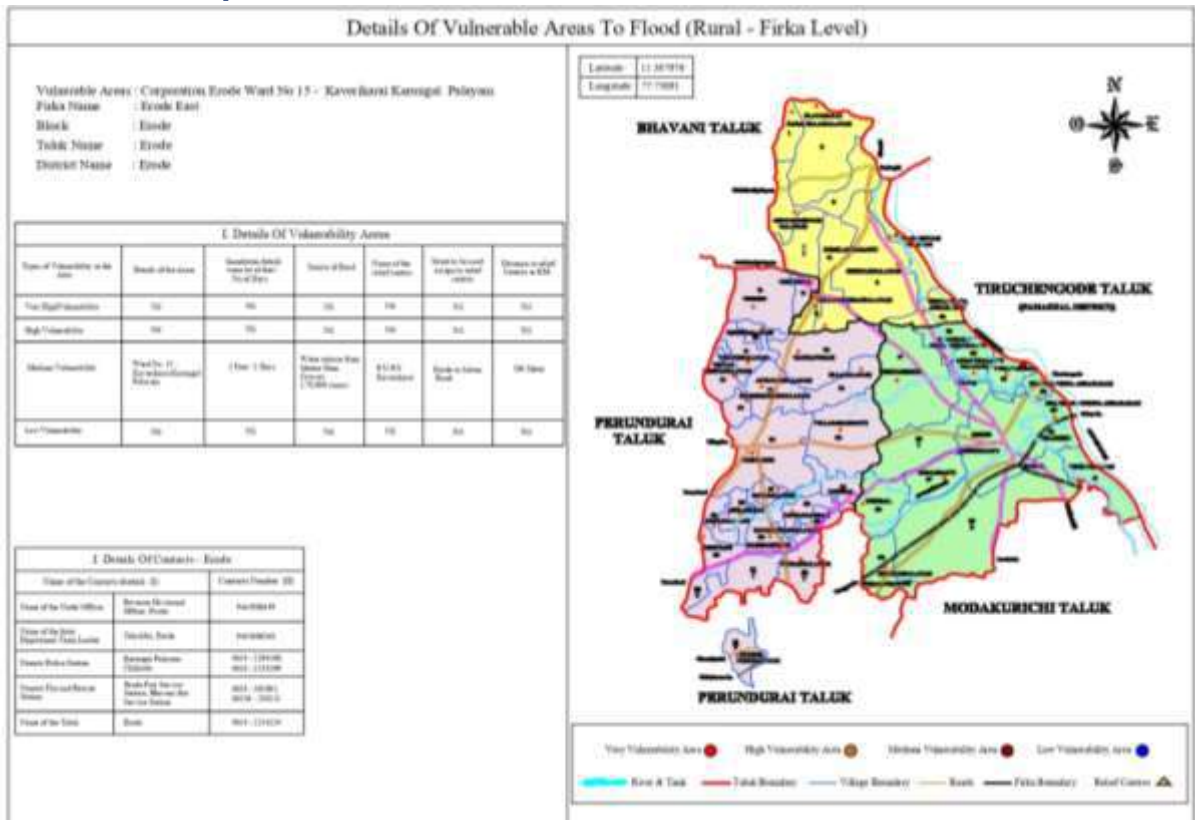


Erode Taluk

S. No	Date	Name of the river	Outflow (Cusecs)	Areas affected	No. of families staying in relief shelters	No. of persons accommodated
1	31.07.2024	Cauvery	125000	Cauvery kaarai, Vairapalaiyam village	13	50
2	01.08.2024	Cauvery	170000	Cauvery kaarai, Vairapalaiyam village	13	50

S. No	Date	Name of the river	Submerged /Affected area and landmark	Out flow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	31.07.2024	Cauvery	Cauvery kaarai, Vairapalaiyam	125000	2 Mts	3 feet
2	01.08.2024	Cauvery	Cauvery kaarai, Vairapalaiyam	170000	2.5 Mts	3 feet

Vulnerable Map





மேட்டுர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, மாண்புமிகு வீட்டுவசதி மற்றும் நகர்ப்புற வளர்ச்சித்துறை அமைச்சர் திரு.சு.முத்துசாமி அவர்கள் 31.07.2024 அன்று ஈரோடு மாநகராட்சி, கருங்கல்பாளையம், காவிரி ஆற்றங்கரையோரப் பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னேற்பாடு பணிகளை நேரில் சென்று பார்வையிட்டு ஆய்வு மேற்கொண்டார். உடன் ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சுன்கரா இ.ஆ.ப., ஈரோடு மாநகராட்சி ஆணையாளர் மரு. நாரணாவாரே மனிஷ் சங்கர்ராவ் இ.ஆ.ப., அவர்கள் உட்பட பலர் உள்ளனர்.



மேட்டுர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, மாண்புமிகு வீட்டுவசதி மற்றும் நகர்ப்புற வளர்ச்சித்துறை அமைச்சர் திரு.சு.முத்துசாமி அவர்கள் 31.07.2024 அன்று ஈரோடு மாநகராட்சி, கருங்கல்பாளையம், காவிரி ஆற்றங்கரையோரப் பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னேற்பாடு பணிகள் மற்றும் தண்ணீர் வரத்தினை நேரில் சென்று பார்வையிட்டு ஆய்வு மேற்கொண்டார். உடன் ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சுன்கரா இ.ஆ.ப., அவர்கள் உட்பட பலர் உள்ளனர்.



மேட்டுர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, மாண்புமிகு வீட்டுவசதி மற்றும் நகர்ப்புற வளர்ச்சித்துறை அமைச்சர் திரு.சு.முத்துசாமி அவர்கள் 31.07.2024 அன்று ஈரோடு மாநகராட்சி, கருங்கல்பாளையம், காவிரி ஆற்றங்கரையோரப் பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னேற்பாடு பணிகளை நேரில் சென்று பார்வையிட்டு ஆய்வு மேற்கொண்டார். உடன் ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சுன்கரா இ.ஆ.ப., ஈரோடு மாநகராட்சி ஆணையாளர் மரு. நாரணாவாரே மனிஷ் சங்கர்ராவ் இ.ஆ.ப., அவர்கள் உட்பட பலர் உள்ளனர்.

Kodumudi Taluk

S. No	Date	Name of the river	Outflow (Cusecs)	Areas affected	No. of families staying in relief shelters	No. of persons accommodated
1	01.08.2024	Cauvery	170000	Iluppu thoppu, Kodumudi Town	4	8
2	01.08.2024	Cauvery	170000	North Street Kodumudi A Village,	2	4
3	02.08.2024	Cauvery	150000	Iluppu thoppu, Kodumudi Town	21	43
4	02.08.2024	Cauvery	150000	North Street Kodumudi A Village,	2	4
5	03.08.2024	Cauvery	70000	Iluppu thoppu, Kodumudi Town	47	92
6	03.08.2024	Cauvery	70000	North Street Kodumudi A Village,	15	45

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height / level of the water from the river bed
1	01.08.2024	Cauvery	Iluppu thoppu, Kodumudi Town	170000	10 Mts	2 feet
2	01.08.2024	Cauvery	North Street Kodumudi A Village,	170000	14 Mts	3 feet
3	02.08.2024	Cauvery	Iluppu thoppu, Kodumudi Town	150000	13 Mts	5 feet
4	02.08.2024	Cauvery	North Street Kodumudi A Village,	150000	12 Mts	4 feet
5	03.08.2024	Cauvery	Iluppu thoppu, Kodumudi Town	70000	11 Mts	2 feet
6	03.08.2024	Cauvery	North Street Kodumudi A Village,	70000	12 Mts	2 feet

Vulnerable Map

S. No	Date	Name of the river	Outflow (Cusecs)	Areas affected	No. of families staying in relief shelters	No.of persons accom modated
1	02.08.2024	Cauvery	150000	Kangayampalayam	5	16
2	03.08.2024	Cauvery	70000	Kangayampalayam	5	16

S. No	Date	Name of the river	Submerged /Affected area and landmark	Outflow (Cusecs)	Distance covered by the water from river bank to inhabited areas	Height/ level of the water from the river bed
1	02.08.2024	Cauvery	Kangayampalayam	150000	2 Mts	4 feet
2	03.08.2024	Cauvery	Kangayampalayam	70000	2 Mts	4 feet



மேட்டுர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் கனகரா இ.ஆ.ப., அவர்கள் இன்று (31-07-2024) இலக்காபுரம் ஊராட்சி, பரிசல் துறை பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னேற்பாடு பணிகளை நேரில் சென்று பார்வையிட்டு ஆய்வு மேற்கொண்டார்.



மேட்டூர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சன்கரா இஆப., அவர்கள் இன்று (31-07-2024) ஈரோடு மாவட்டம், கொடுமுடி ஊராட்சி ஒன்றியம், சத்திரப்பட்டி ஊராட்சி, கொளாநல்லி கிராமம், காவிரி கரையோரப் பகுதியில் மேற்கொள்ளப்பட்டுள்ள முன்னேற்பாடு பணிகளை நேரில் சென்று பார்வையிட்டு ஆய்வு மேற்கொண்டார். உடன் ஈரோடு வருவாய் கோட்டாட்சியர் திரு.சதீஸ்குமார் அவர்கள் உள்ளார்.



மேட்டூர் அணையிலிருந்து தண்ணீர் திறந்து வைக்கப்பட்டுள்ளதைத் தொடர்ந்து, ஈரோடு மாவட்ட ஆட்சித்தலைவர் திரு.ராஜ கோபால் சன்கரா இஆப., அவர்கள் இன்று (31-07-2024) தயார் நிலையில் உள்ள முகாமான மொடக்குறிச்சி ஊராட்சி ஒன்றியம், காங்கயம் பாளையம் தொடக்கப்பள்ளியில் ஆய்வு மேற்கொண்டார்.

3.4. Damage Assessment

3.4.1 Infrastructure damage:

Due to the heavy discharge from the Mettur Dam, the following Combined Water Supply Schemes are affected.

1. CWSS to Arachalur, Vadugapatty, AvalpoonduraiTPs and 121 Other Rural Habitations in Modakurichi and Kodumudi Unions of Erode District.

The source of this CWSS is River Cauvery near Kolanalli of Kodumudi Union, which is on Erode-Karur Main Road at 29 Km from Erode. This CWSS is covered with 3 town Panchayats viz Arachalur, Vadugapatty and Avalpoondurai and 40 rural habitations in Modakurichi and Kodumudi unions of Erode District. Water from the four infiltration wells are being pumped and conveyed to the collection well cum pump house through 200 mm CI D/F connecting mains. The scheme is designed to supply of 5.84 MLD at present.

Due to increase in flood level of 60000 cusecs, all the four Infiltration wells were submerged and the pumping stopped on 31.07.2024 at 9.00am, in which the connecting main and cables were damaged in 2 Nos. of Infiltration wells. The pumping has been resumed on 05.08.2024 by attending damages of pipes and cables temporarily, after the flood reduced and flow in the river below 35000 cusecs. In order to replace the connecting main and cables for Infiltration Wells No.2 & 3 permanently during summer season, an approximate cost required for Rs.40 Lakhs.



CWSS to Arachalur Avalpoondurait- 4 Nos. of Infiltration wells were submerged

2. CWSS to ModakurichiTP, PasurTP, Kilambady TP and 24 other habitations in Modakurichi Union in Erode District.

The source of this scheme is river Cauvery, for which the head works is located at Kolanalli. This CWSS is covered with Modakurichi town Panchayat and 21 rural habitations in Ganapathipalayam Panchayat of Modakurichi union in Erode

District. The drawal of water is made from the river through an infiltration well. The water is conveyed through 250 mm dia CI, 250mm DI K7 pipe and fed into the sump at Malayampalayam. The scheme is designed to supply of 2.90 MLD at present.

Due to increase in flood level of 60000 cusecs, the Infiltration Well was submerged and the pumping stopped on 31.07.2024 at 9.00 am, in which the connecting main and cables were damaged. The pumping has been resumed on 06.08.2024 by attending damages of pipes and cables temporarily, after the flood reduced and flow in the river below 35000 cusecs. In order to replace the connecting main and cables for Infiltration Wells permanently during summer season, an approximate cost works out to Rs.20 Lakhs.



CWSS to Modakurichi Old- Infiltration well submerged

3. CWSS to ModakurichiTP and 36 Rural Habitations in Modakurichi Union in Erode District

The Source of the Scheme is Cauvery River, in which an Infiltration well had been constructed in the middle of the River Cauvery near Kolanalli village. This CWSS is covered with Modakurichi town Panchayat and 16 rural habitations in Ganapathipalayam Panchayat of Modakurichi union in Erode District. The drawal of water is made from the river through an infiltration well. The water is conveyed through 200 mm dia CI pipe. The scheme is designed to supply of 0.72 MLD at present.

Due to increase in flood level of 60000 cusecs, the Infiltration Well was submerged and the pumping stopped on 31.07.2024, in which the infiltration well, connecting main and cables were damaged. The pumping has been resumed on 08.08.2024 by attending damages of pipes and cables temporarily, after the flood reduced and flow in the river below 35000 cusecs. In order to replace the connecting main and

cables and to construct new Infiltration Wells permanently during summer season, an approximate cost works out to Rs.30 Lakhs.



CWSS to Modakurichi New- Infiltration well submerged

4. CWSS to Subbarayavalasu and 71 Other Rural Habitations in Modakkurichi Union and Avalpoondurai TP of Erode District.

The surface water from the River Cauvery is collected in the Collection well, which is constructed on the river bank at Parisalthurai and raw water is pumped to treatment plant which is located at 46Pudurthrough 250mm CI and 250mm DI pipes. The scheme is designed to supply of 1.76 MLD at present.

From this CWSS, water supplied to 46 rural habitations in 46 Pudur Panchayat of Modakurichi union in Erode District. Due to increase in flood level of 170000 cusecs, the pumproom is in inaccessible condition and the EB supply affected and the pumping stopped on 31.07.2024 at 5.00pm. After water level reduced and flow in river below 100000 cusecs, the power supply has been resumed, the pumping started on 03.08.2024.



CWSS to Subbarayavalasu –EB supply affected and Pumproom is in inaccessible condition

5. CWSS to 44 Habitations in Erode and Modakurichi unions of Erode District (Muthampalayam)

The surface water from the River Cauvery is collected in the Collection well, which is constructed on the river bank at Samayasangili and raw water is pumped to treatment plant which is located at Thottampatti, which is designed to supply a quantity of 0.90MLD at present through 250mm CI and 250mm DI pipe. From this CWSS, water supplied to 8 rural habitations in MS Mangalam Panchayat of Modakurichi union in Erode District. Due to increase in flood level of 170000 cusecs, the pumproom is in inaccessible condition and the EB supply affected and the pumping stopped on 31.07.2024 at 5.00pm. After water level reduced and flow in river below 100000 cusecs, the power supply has been resumed, the pumping started on 03.08.2024.



CWSS to Muthamapalayam – EB supply affected and Pumproom is in inaccessible condition

6. CWSS to Koilkaradu and 29 Other Rural Habitations in Ammapet Union and AmmapaettaiTP, NerunjipettaiTP of Erode District

The source for this scheme is the surface flow of River Cauvery at Nerinjipet Barrage which is drawn in to off take well. From offtake well, water is pumped by means of vertical turbine pumpsets to Treatment plant at Komburso as to supply designed quantity of 2.45 MLD.

Due to increase in flood level of 90000 cusecs, the Clear Water sump submerged in Water Treatment Plant and the pumping stopped on 30.07.2024 at 8.00pm, in which 2 Town Panchayats namely Nerunjipettai, Ammapettai and 4 Village Panchayats in Ammapettai Union got affected. The pumping has been resumed on 07.08.2024, after the flood reduced and river flow less than 70000 cusecs.



CWSS to Koilkaradu- Clear Water sump submerged in Water Treatment Plant.

7. CWSS to Kattur and 58 Other Rural Habitations in Ammapet Union of Erode District.

The source for this scheme is the surface flow of River Cauvery at Kesarimangalam which is drawn in to a collection well. From collection well water is pumped by means vertical turbine pumpsets to Treatment plant. The scheme is designed to supply of 1.67 MLD at present.

Due to increase in flood level of 170000 cusecs, the water level reached floor level of the pump room and hence the 12.5 HP pumpsets are lifted and the pumping stopped on 31.07.2024 at 1.00 pm, in which Olagdam Town Panachayat and 9 Village Panchayats in Ammapettai Union got affected. The pumping has been resumed on 03.08.2024, after the flood reduced and river flow less than 100000 cusecs.



CWSS to Kattur-water level reached floor level of the pump room

8. CWSS to Kadappanallur and 55 Other Rural Habitations in Ammapet Union of Erode District

The source for this scheme is the surface flow of River Cauvery at Kadapanallur which is drawn in to a collection well. From collection well, water is pumped by means vertical turbine pumpsets to Treatment plant. The scheme is

designed to supply of 1.36 MLD at present.

Due to increase in flood level of 1,70,000 cusecs, the water level reached floor level of the pump room and hence the 12.5 HP pumpsets are lifted and the pumping stopped on 31.07.2024 at 7.30 pm, in which 6 Village Panchayats in Ammapettai Union got affected. The pumping has been resumed on 03.08.2024, after the flood reduced and river flow less than 100000 cusecs.



CWSS to Kadappanallur- water level reached floor level of the pumproom

9. CWSS to Chennimalai, Perundurai, K.C.Palayam, Chithode and Nasiyanur Town Panchayats and 50 other Rural habitations in Erode, Perundurai Chennimalai unions of Erode District

The scheme is designed to draw the water from River Cauvery near Konavaikkal from the old and the new collection wells through intake pipe of size 250mmdia CI and 600mmdia CI pipes in river bank. The raw water is pumped from both the collection wells to the full scale treatment plant of capacity 5.00MLD (existing) and 14.38 MLD (New) located at Konavaikkal by means of vertical turbine . The scheme is designed to supply 12.24MLD at present.

Due to increase in flood level of 1,70,000 cusecs, the old Collection well cum Pumphouse submerged, hence the 40 HP pumpsets are lifted and the pumping stopped on 31.07.2024 at 12.00 pm, and new Collection well column pipe blocked. Hence partial pumping was only done, where 5 Town Panchayats namely Chitode, Nasiyanur, KC Palayam, Perundurai, Chennimalai and 3 Village Panchayats in Chennimalai Union got affected. Due to which, the electromechanical items got damaged and temporary restoration had been made to operate the pumpsets.

For construction of new off take well instead of old well, which was submerged at headworks Konavaikal, an estimate has been submitted to TWAD Board, Head Office for an estimate cost of Rs. 245 .00 Lakh, in which the funds from Directorate

of Town Panchayat is sought for. The pumping has been resumed on 04.08.2024, after the flood reduced and river flow less than 100000 cusecs.



CWSS to Chennimalai-Collection well (Old) submerged in headworks at Konavaikal

10. CWSS to 231 Rural Habitations in Anthiyur and Ammapet Unions of Erode District

The source for this CWSS is the surface flow of River Cauvery at Ammapettai which is drawn in to a collection well. From collection well water is pumped to Treatment Plant @ Onakalmedu by means of 120 HP Raw water vertical turbine pumpsets through 400 mm CI LA class Pipes. The scheme is designed to supply of 6.40 MLD at present.

Due to increase in flood level of 170000 cusecs, the EB poles got damaged and supply affected and hence the pumping stopped on 01.08.2024 at 6.00pm. After water level reduced, the power supply has been resumed, the pumping started on 03.08.2024.



CWSS to 231 Rural Habitations in Anthiyur and Ammapet Unions-EB poles got damaged and supply affected.

FUTURE PERSPECTIVES:

The recent experience of flood due to the overflow of dam waters is a lesson learnt for future disaster. The evacuation numbers are high as majority of the families reside along the banks of cauvery encroaching the water courses.

- ❖ Sensitisation about the vulnerability areas and the risks involved among the public.
- ❖ Encouraging more First time responders and inclusion of women responders as well.
- ❖ Resettlement of encroachers to alternative locations.
- ❖ Plan to prevent new encroachments in water courses.
- ❖ Extending desilting to more water bodies and also removal of trash and weed along the riverbanks.

To conclude, the disaster management framework implementation minimized the risks and the reduced the damages to a large extent. Awareness on Sendai framework can be created among the school and college students for better preparedness. The detailed assesment on water levels at the new vulnerable points would help in mitigating the risks involved due to unanticipated floods.

CHAPTER –11

PERMANENT AND TEMPORARY RELIEF CENTERS

95 Relief centers (Schools, Anganwadi Centers, Community Centre, Marriage halls, etc) have been identified in Erode District for sheltering flood affected people in Erode District. In these centers, basic amenities such as electricity, toilet, sanitation, drinking water are kept ready.45 temporary shelters are planned, in case of additional requirement.Totally 14 Relief centre committees were formed to take care of Relief centers.

Annexure to G.O.(Ms} No.335. Revenue and Disaster Management

[D.M.3(2}1 Department. dated 20.07.2022

STATE DISASTER MANAGEMENT AUTHORITY, TAMILNADU

GUIDELINES ON MINIMUM STANDARDS OF RELIEF

Introduction:-

Section 12 of the Disaster Management Act, 2005 (Central Act 53 of 2005) mandates the National Disaster Management Authority (NDMA) to recommend Guidelines for minimum standards of relief to be provided to persons affected by disaster which shall include:

- (A) The minimum requirements to be provided in the relief camps in relation to shelter, food, drinking water, medical cover, sanitation
- (B) Special provisions to be made for Widows and Orphans.
- (C)Ex-gratia assistance on account of loss of life as also assistance on account of damage to houses and for restoration of means of livelihood
- (D) Such other relief as may be necessary.

Accordingly, the National Disaster Management Authority has released the guidelines for Minimum Standards of relief on 25.02.2016. As per section 19 of the said Act, the State Disaster Management Authority shall lay down detailed guidelines for providing standards of relief to persons affected by disaster in the State and such standards shall in no case be less than the minimum standards in the guidelines laid down by National Authority. Hence, the State Disaster Management Authority, Tamil Nadu has worked out the basic minimum standards of relief to be provided to the persons affected by disaster as follows:-

Relief and Rehabilitation Camp:-

Relief shelters and Rehabilitation camps shall be set up in order to accommodate people affected by a disaster. The camp shall be temporary in nature, with basic necessities. People in the camp shall be encouraged to return to their respective accommodation once the normalcy is returned.

The District Administration sometimes may not be able to implement all the basic guidelines recommended by State Disaster Management Authority from the day one of the disaster and therefore, the following method shall be followed:

(a) First three days - Basic norms to the possible extent may be followed.

(b) From 4th to 10th day - Efforts should be made to follow most of the norms recommended by the State Disaster Management Authority in this Guidelines.

(C) From 11th day and above - State Disaster Management Authority's prescribed norms shall be followed.

The factors like terrain, climatic conditions at the site of disaster etc., will also impact the requirement and ability of the administration and other stakeholders to deliver relief. These constraints shall also be kept in view while prescribing minimum standards of relief.

Minimum Standards in respect of Shelter in relief camps.-

(a) District Administration shall take necessary steps to pre- identify locations/buildings like local schools, anganwadi centers/cyclone shelters/community centers/marriage halls etc which can be used as Relief shelters where people can be accommodated in case of disaster in the area. In such centers, necessary facilities like sufficient number of toilets, water supply, generators with fuel for power back up during disasters shall be ensured.

(b) After a disaster, large covered space shall be required to accommodate the affected people. In order to avoid last minute arrangement and high cost, District Administration can explore the option of advance Memorandum of Understandings with manufacturers/suppliers for supply of factory made fast track pre-fabricated shelters/tents toilets/mobile toilets and urinate etc. which can be dismantled and taken back by the supplier after the closure of the camp. This arrangement shall avoid delay in setting up of camp and exorbitant billing of essential supplies.

(C) In the relief centers, 3.5 Sq.m. of covered area per person with basic lighting facilities shall be catered to accommodate the victims. In mountainous areas, minimum covered area shall be relaxed due to lack of available flat land/built up area. Special care shall be taken for safety and privacy of inmates, especially for women, widows and children and special arrangements should be made for differently-abled persons, old and persons who need immediate medical assistance.

(D) Sufficient number of sites based on population density shall be identified as relief centers and earmarked well in advance at the time of planning and development of a metro/city/town.

Minimum Standards in respect of Food in relief camps.-

(a) Milk and other dairy products shall be provided for the children and lactating mothers. Every effort shall be taken in the given circumstances to ensure sufficient quantity of food is made available to the affected people (especially for aged people and children) staying in the relief shelters/camps.

(b) Sufficient steps shall be taken to ensure hygiene at community/camp kitchens. Date of manufacturing and date of expiry of the packaged food items shall be ensured before distribution of the same.

(c) It shall be ensured that men and women are supplied food with minimum calorie of 2,400 Kcal per day. In respect of children/ infants, the food to be supplied would be 1,700 Kcal per day.

Minimum Standards in respect of Water in relief camps.-

(a) Sufficient quantity of water shall be provided in the relief camps for personal cleanliness and hand wash,

(b) It may be ensured that the minimum supply of 3 liters per person, per day of drinking water is made available in the relief camps. Further, the District authorities shall adjust the minimum quantity of water etc as per the geographic, demographic and social practices of the region. If other means for providing safe drinking water is not possible at least double chlorination of water needs to be ensured.

(c) In order to ensure adequate water supply, the location of the source of water supply shall preferably be within the premises of relief shelter / camp. However, the maximum distance from the relief camp to the nearest water point shall not be more than 500 mtrs, if tapped water supply is available.

Minimum Standards in respect of Sunitation in relief camps.-

(a) Number of toilets: One toilet for 30 persons may be arranged/built. Separate toilet and bath area be catered for women and children. At least 15 litres of water per person needs to be arranged for toilets/bathing purposes. Hand wash facility in toilets should be ensured. Steps may be taken for control of spread of diseases. Dignity kits for women shall be provided with sanitary napkins and disposable paper bags with proper labeling.

(b) Toilets shall not be more than 50 m away from the relief camps. Pit Latrines and Soak ways shall be at least 30 m from any ground water source and the bottom of any latrine has to be at least 1.5 m above the water level.

(c) Drainage or spillage from defecation system shall not run towards any surface water source or shallow ground water source.

Minimum Standards in respect of medical cover in relief camps.-

(a) Mobile medical teams shall visit relief camps to attend the affected people. Steps shall be taken to avoid spread of communicable diseases.

(b) If the relief camps are extended over a long time, then necessary arrangement may be made for psychosocial treatment.

(c) Helpline should be set up and contact number and details of which shall be displayed at the relief/shelters and adequately publicized to inform the people.

(d) For pregnant women, necessary basic arrangements shall be made by the local administration for safe delivery.

(e) Advance tie-up/arrangement shall be made with the Government/private hospitals so that necessary doctors/para- medical staff are available at short notice for relief camps to attend to the affected people. In respect of people who are affected and being referred to hospitals for treatment/operation etc., suitable transportation shall be arranged to reach to referred hospital.

(f) In order to manage mass casualty in a disaster, advance contingency plans for management of multiple casualties shall be developed.

Minimum Standards of Relief for Widows and Orphans.-

(a) In each camp, a separate register shall be maintained for entering the details of women who are widowed and for children who are orphaned due to the disaster. Their complete details shall be entered in the register, duly counter signed by the concerned officials and this register shall be kept as a permanent record with the District administration.

(b) Special care shall be given to widows and orphans who are separated from their families.

(c) As the widow/family shall be economically weak, the District administration shall provide a reasonable amount for the funeral rites of her husband after confirming that the death has caused due to Natural Calamity. Further, this payment shall be deducted from the subsequent financial compensation/relief that shall be paid by the Government.

(d) Necessary financial compensation and other Government assistance need to be arranged within 45 days of the disaster to the Widow and to the Orphaned children. In respect of orphaned children, similar certificate shall be issued and the children need to be taken care of properly and the funds that may be given to the children by the Government shall be duly deposited in a Public Sector Undertaking Bank in a Joint Account where the District Collector shall be the first account holder of the Bank account. Interest from the fund can be given to the child/guardian every month for his/her proper upkeep. Education for the child shall be ensured by the District/ local administration.

Relief Shelters Details			
S.No	Taluk	Village Name	Relief Shelter Name
1	Erode	Elavamalai	Panchayat Union School, Kalingarayanpalayam
2	Erode	Kalingarayanpalayampudur	Panchayat Union School, Mettunasuvampalayam
3	Erode	B.P. Agraharam	Govt. High School B.P. Agraharam
4	Erode	Vairapalayam	Mpl. Higher Sec. School Cauvery Road, Erode
5	Erode	Kangayampalayam	Panchayat Union School, Kangayampalayam
6	Erode	Manthampalayam H/o. Nanjaikalamangalam	Panchayat Union School, Mannathampalayam
7	Erode	Sembulichampalayam H/o. N. Kalamangalam	Panchayat Union School, Ganapathipalayam
8	Erode	Nanjaikolanalli	Panchayat Union School, Nanjaikolanalli
9	Erode	Velliampalayam H/o. Unjalur	Bharathi Kalvi Nilayam Karuvelampalayam
10	Erode	Unjalur	Panchayat Union School, Unjalur
11	Erode	Kasipalayam H/o. Vengambur	Panchayat Union School, Kasipalayam
12	Erode	Kodumudi	S.S.V. High School, Kodumudi
13	Erode	Solakalipalayam H/o. Chennasamudram	Panchayat Union School, Solkalipalayam
14	Erode	Avudayarparai	Panchayat Union School, Avudaiyarparai
15	Erode	Kombupalayam	Panchayat Union School, Kombupalayam
16	Erode	Karunkalpalayam	Meenatchi Mahal, Karunkalpalayam.
17	Erode	Karunkalpalayam	Dhuluva Velalar Thirumana Mahal
18	Perundurai	Thenmugam Vellode	Govt. High School, T. Vellode
19	Perundurai	Vadamugam vellode B	Panajat Union Elementry School
20	Perundurai	Perundurai.	Government Boys Higher Secondary School, Perundurai.
21	Perundurai	Thoppupalayam.	Government Higher Secondary School, Thoppupalayam.
22	Perundurai	Perundurai East	Panchayat Union Middle School, Perundurai East
23	Perundurai	Perundurai West.	Panchayat Union Middle School, Perundurai West.
24	Perundurai	Perundurai South	Panchayat Union Middle School, Perundurai South
25	Perundurai	Perundurai	Kamatchiamman Thirumana Mandapam, Perundurai.
26	Perundurai	Perundurai	Sri mahal Thirumana mandapam, Perundurai.

27	Perundurai	Perundurai	Sri Plus Thirumana Mandapam, Perundurai.
28	Perundurai	Vellakoil	Government Girls Higher Secondary School, Vellakoil
29	Kodumudi	Kodumudi	SSV Boys School, Kodumudi.
30	Kodumudi	Kodumudi	SSV Girls Schools, Kodumudi.
31	Kodumudi	Sivagiri	SSV School, Sivagiri
32	Kodumudi	Sivagiri	Government Boys Higher Secondary School, Sivagiri.
33	Kodumudi	Ammankovil	Government Girls Higher Secondary School, Ammankoil.
34	Kodumudi	Kodumudi	SSV Boys School, Kodumudi.
35	Bhavani	Keelvani	Govt. High School, Keelvani
36	Bhavani	Mongilpatti	Govt. High School, Keelvani
37	Bhavani	Koothampoondi	Govt. High School, Keelvani
38	Bhavani	Athani Kuppandampalayam	Govt. High School, Athani
39	Bhavani	Jambai & Appakkudal	C.S.I. School, Athani
40	Bhavani	Oricheri	C.S.I. School, Athani
41	Bhavani	Bhavani, Andikulam Mandapam	Kamatchi Kalayana Bhavani
42	Bhavani	Oorachikottai	Govt. High School, Bhavani
43	Bhavani	Sinnapuliyyur	Meenakshi Kalyana Mandapam, Bhavani
44	Bhavani	Vairamangalam	Meenakshi Kalyana Mandapam, Bhavani
45	Bhavani	Nerinjipet	Ariya Vysia Mutt, Nerinjipet
46	Bhavani	Ammamet	P.U.E. School, Ammapet
47	Bhavani	Singampettai	Govt. High school, Singampettai
48	Bhavani	Kesarimangalam	P.U.E. School, Kuppichipalayam
49	Bhavani	Varadanallur	P.U.E. School, Varadanallur
50	Bhavani	Sanyasipatti	P.U.E. School, Varadanallur
51	Bhavani	Kadappanallur	P.U.E. School, Kadappanallur
52	Sathy	Doddampalayam	P.U.E. School, Doddampalayam
53	Sathy	Ikkaraithathapalli	P.U.E. School, Ikkaraithathapalli
54	Sathy	Akkaraithathapalli	P.U.E. School, Akkaraithathapalli
55	Sathy	Kothamangalam	P.U.E. School, Kothamangalam
56	Sathy	Pungar	Govt. High School, Bhavanisagar
57	Sathy	Mudukkanthurai	Panchayat Union School, Mudukkanthurai
58	Sathy	Nallur	Panchayat Union School, Nallur
59	Sathy	Akkarai Negamam	P.U.E. School, Kenjanur
60	Sathy	Sathyamangalam Kottuveerampalayam	P.U.E. School, Sathyamangalam
61	Sathy	Sadumugai	P.U.E. School, Ariyapampalayam
62	Sathy	Alathukombai	P.U.E. School, Ariyapampalayam
63	Sathy	Rangasamudram	Mpl. Ele. School Rangasamudram
64	Sathy	Konamoolai	P.U.E. School, Palayakkalayanur
65	Sathy	Palayakkalayanur	P.U.E. School, Palayakkalayanur
66	Sathy	Ariyampampalayam	P.U.E. School, Palayakkalayanur

67	Sathy	Makkinamkombai	P.U.E. School, Makkinamkombai
68	Sathy	Ukkaram	P.U.E. School, Ukkaram
69	Sathy	Boothalapuram	Panchayat Union Elementary School, Boothalapuram
70	Sathy	Boothalapuram	Panchayat Union Elementary School, Boothalapuram
71	Nambiyur	Nambiyur	Government Boys Higher Secondary School, Nambiyur.
72	Naambiyur	Kettiseviyur	Government Higher Secondary School, Kettiseviyur
73	Nambiyur	Nambiyur.	Government Girls Higher Secondary School, Nambiyur.
74	Gobi	Bungalwpudur.	Government Higher Secondary School, Bungalwpudur.
75	Gobi	Pariyur.	Sri pariyur Amman Thirumana Mandapam, Pariyur.
76	Gobi	kasiyur Colony.	Community Hall, kasiyur Colony.
77	Gobi	Pallathu Colony.	Government Middle School, Pallathur
78	Gobi	Pallathu Colony.	Arulmigu Sellandiamman Thirukoil kalyana Mandapam
79	Thalavadi	Hasanur	Government Adi Dravidar Welfare high School,
80	Thalavadi	Mallankuzli	Govrenment Model School
81	Thalavadi	Chikkalli	Government HighSchool
82	Thalavadi	Thoddakajanur	Don Basco Higher Secondary School
83	Anthiyur	Anthiyur	Anthiyur, Panchayat Union School
84	Anthiyur	Anthiyur East	Anthiyur East, Panchayat Union School
85	Anthiyur	Maickelpalayam	Maickelpalayam, Panchayat Union School
86	Anthiyur	Anthiyur west	Anthiyur west, Panchayat Union School
87	Anthiyur	Thavittupalayam	Thavittupalayam, Panchayat Union School
88	Anthiyur	Anthiyur	Lakshmi Thirumana Mandapam
89	Anthiyur	Anthiyur	Aruljothi Thirumana Mandapam
90	Anthiyur	Anthiyur	M.J. Thirumana Mandapam
91	Anthiyur	Patlur	K.N.Muthusamy Mahal
92	Anthiyur	Thavuttupalayam	Alagumuthu Thirumana Mandapam
93	Anthiyur	Anthiyur	Viswakula Thirumana Mandapam
94	Anthiyur	Thavuttupalayam	Dhanalakshmi Thirumana Mandapam
95	Anthiyur	Thavuttupalayam	Sangumahal Thirumana Mandapm

Erode District -Additional Relief Shelters Details

<u>S.No</u>	Name of the Taluk	Value of Vulnerable Point	Place of Shelter point
1	Erode	B.P.Agraharam,	1. Ravi Mahal

2	Erode	B.S.Agraharam, Mettunasuvam Palayam	2. Ranga Bavanam
3	Erode		3.Meenakshi Mahal
4	Erode		4.Thuluva vellalar Thirumana Mahal
5	Erode		5.P.S.Kalyana Mahal
6	Erode		6.Saraswathi Mandapam
7	Kodumudi	Kodumudi	1.Seetharaman Thirumana Mandapam.
8	Kodumudi	Kodumudi	2.Samuthaya Kudam Kasipalayam
9	Nambiyur	Nambiyur A,	1. Government Boys Higher Secondary School, Nambiyur.
10	Nambiyur	Nambiyur B,	2. Government Girls Higher Secondary School, Nambiyur
11	Nambiyur	Santhipalayam	3. Government Higher Secondary School, Kettiseviyur
12	Anthiyur	illipilli village	1. Sengunthar Mandapam, Guruvareddiyur, Illipili village
13	Anthiyur	athani village	2. J.P.M.Thirumana Mandapam, Athani Village
14	Anthiyur	athani village	3.S.M.P. Thirumana Mandapam, Athani Village
15	Anthiyur	brammadesam village	4.Shanmugam Mahal, Brammadesam Village
16	Anthiyur	kannapalli village	5.Sri Agni Mariyamman Govil Magal Kannapalli
17	Anthiyur	anthiyur b village	6.Thirumurugan Mahal
18	Anthiyur	Patllur	7.PSK Thirumanamandapam, Patllur, 4 Road
19	Gobichettipalayam	Bungalwpudur	Government Higher Secondary School, Bungalwpudur
20	Gobichettipalayam	Pariyur	Sri Pariyur Amman Thirumana Mandapam, Pariyur
21	Gobichettipalayam	Alukuli / Kasiyur Colony	Community Hall, Kasiyur Colony
22	Gobichettipalayam	Vaniputhur / Pallathur	Government Middle School, Pallathur
23	Gobichettipalayam	Alukuli / Pallathu Colony	Arulmigu Sellandiamman Thirukoil kalyana Mandapam
24	Gobichettipalayam	Vaniputhur	Vaniputhur Community Hall
25	Gobichettipalayam	Pariyur	MSR Thirumana Mandapam, Gobi
26	Gobichettipalayam	Thadappalli	Kasipalayam Community Hall
27	Gobichettipalayam	Kasipalayam	Government Higher Secondary School
28	Sathyamangalam	Kottuveeralpalyam	SRN matriculation School
29	Sathyamangalam	Varathampalayam	Little Flower matriculation School
30	Sathyamangalam	Kottuveeram Palayam	Saru matriculation School
31	Sathyamangalam	Sathy	Johnde Britto matriculation School
32	Sathyamangalam	Sathy	James Matriculaton school
33	Sathyamangalam	Rangasamudram	Raghavendra matriculation School
34	Bhavani	Singampettai	Govt. High school,Singampettai

35	Bhavani	Kuppichipalayam	P.U.E. School, Kuppichipalayam
36	Bhavani	Kadappanallur	P.U.E. School, Kadappanallur
37	Bhavani	Varadanallur	P.U.E. School, Varadanallur
38	Bhavani	Varadanallur	P.U.E. School, Varadanallur
39	Bhavani	Bhavani	Govt. High School, Bhavani
40	Bhavani	Appakkudal	Meenakshi Kalyana Mandapam, Abethananda Marriage Hall, Bhavani
41	Bhavani	Bhavani	Bhavani
42	Bhavani	Bhavani	Kamatchi Kalayana Bhavani
43	Modakurichi	Modakurichi	Government Boys Adidhiravidar hostel Modakurichi
44	Modakurichi	Modakurichi	Government Boys hostel Modakurichi, Modakurichi
45	Modakurichi	Aval Poondurai	Government Backward class boys hostel Aval Poondurai

CHAPTER - 12

INSTITUTIONAL MECHANISM

12.1. District Emergency Relief Advisory Committee:-

CHAIRMAN	:	District Collector, Erode District, Thiru.Raja Gopal Sunkara, I.A.S.,
VICE CHAIRMAN	:	District Revenue Officer, Erode District, Thiru.S.Shantha kumar
SECRETARY	:	Personal Assistant (General) To Collector, Erode Thiru.T.Mohammed Kuthurathulla
OTHER OFFICIAL MEMBERS	:	Superintendent of Police, Erode Superintending Engineer, PWD, WRO Coimbatore Nilgiris Circle, Coimbatore Superintending Engineer, PWD, Pollachi Joint Registrar of Co-operative Society, Erode Superintending Engineer, TNEB, Erode Assistant Director of Fisheries, Bhavanisagar. Executive Engineer, P.W.D., W.R.O., Erode, Bhavanisagar Divisional Engineer, (H.&.R.W.) Erode Division Engineer, (H.&.R.R.) Erode Regional Transport Officer, Erode / Gobi/ Perundurai District Forest Officer, Erode / Sathy. Revenue Divisional Officer, Erode/Gobi Asst. Director (Panchayat) Erode Asst. Director (Town Panchayat) Erode Commissioner, Corporation, Erode

	Municipal Commissioner, Bhavani, Gobi, Sathy.
	Divisional Fire Officer, Erode
	Joint Director, Medical Services, Erode
	Deputy Director, Health Services, Erode
	Joint Director of Agriculture, Erode
	Joint Director (Animal Husbandry), Erode.

12.2. Divisional Level Emergency Relief Advisory Committee

(Officers of the various departments at Divisional Level)

01	Revenue Divisional Officer	:	Divisional Emergency Relief Officer and Chairman
02	Assistant Director (Panchayat)	:	Additional Divisional Emergency Relief Officer & Vice Chairman
03	Tahsildar	:	Divisional Head Quarter and Division Secretary
04	Block Development officer	:	Divisional Head Quarter and Divisional Addl. Secretary

12.3. Members :

01	Municipal Commissioner
02	Deputy Superintendent of Police
03	Assistant Executive Engineer, P.W.D. in the Division
04	Assistant Engineer, Highways & Rural Works & Rural Roads
05	Assistant Director of Agriculture concerned in the Division (Agri. seeds etc)
06	Medical officers Taluk Head Quarters Hospitals Primary Health centres and Panchayat Union Dispensaries in the Division
07	Managers, Sub Region in T.N.C.S.C., Ltd., concerned.
08	Divisional Engineer, T.N.E.B. in the Division
09	Managers, Tamilnadu State Roadways corporation, Erode.
10	Representative of District Education Officer concerned
11	Health Officers concerned
12	Divisional Fire Officer
13	Executive Officers, Town Panchayats in the Division
14	Assistant Executive Engineers of TWAD Board.
15	Officers of lead Society, Representatives of Co-operative society
16	Motor vehicle Inspector
17	Forest Officers/Territorial and Social Forestry

18	Deputy Collectors of Zonal Officers in the Division.
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12.4. Divisional Emergency Relief Officer :

The Revenue Divisional Officer shall be the Officer responsible for the entire Division and will be designated as Emergency Relief Officer for the Division. The Assistant Director (Panchayat) shall be the Additional Emergency Relief Officer and will be responsible for co-ordinating the various functions of the Revenue and Development Departments. (Statement showing the Divisional level Relief Officers is furnished in APPENDIX B).

The Divisional Emergency Relief Officers and the Additional Divisional Emergency Relief Officer shall have the office of the Revenue Divisional Officer concerned as Co-ordination-cum-control room. The Revenue Divisional Officer concerned shall arrange to post a specified set of staff on his control room from 1st October to 31st December and the control room shall function round the clock. A duty chart should be maintained at the control room and record of messages received and communicated should be available at the control room for perusal by the Revenue Divisional Officer and Assistant Director (Panchayat) and they be kept informed of the minute to minute development throughout the period. It is up to the officers concerned to make such arrangements as may be necessary to ensure that they are kept well informed of the developments. The Revenue Divisional Officer shall particularly be the leader of all the members of the Revenue and Development Wings. The Assistant Director (Panchayat) will co-ordinate with the Revenue Divisional officers.

12.5. Taluk Team Leader (Emergency Relief Officer)

Officers responsible for rescue, relief rehabilitation etc., at the Taluk level are listed in Appendix "F". These officers will hereafter be called as "Emergency Relief Officer" for the Taluks concerned. They will be leaders of the teams coordinating all the departmental officers in the Taluk. The Emergency Relief Officers will be assisted by all members of Revenue and Panchayat Development wing without any distinction and for purpose of rescue relief and rehabilitation measures, the Emergency Relief Offices will be the final authority subject to control of the District Collector. The Municipal Commissioner concerned will co-operate with these Relief Officers by placing the entire machinery at their command and disposal of the Relief Officers concerned at the time of Emergency.

The Emergency Relief Officers shall have their Offices in the Office of the Revenue Divisional Officer in the case of Divisional Head Quarters and in the Taluk

Office in the case of non-divisional Head Quarters from the moment warning is received. If phone facilities are not available, they should move to a suitable office and inform the Collector, Personal Assistant (General) to Collector and the Superintendent of Police in particular and all other officers concerned. The Divisional Office or the Taluk Office, as the case may be, shall function as the Co-ordination centre-cum-control room and it will be incharge of the Deputy Collector concerned. The Co-ordination Centre-cum-Control room shall be manned by posting a minimum staff from the office of the Deputy Collector and the Taluk Office concerned. The control room shall work round the clock till the emergency is declared to be over.

The Revenue Divisional Officer / Deputy Collector shall arrange control room staffs for maintenance of a duty chart for the control room staff and ensure that it is enforced. A record of messages received and messages sent should be maintained by all Emergency Relief Officers. The various departments will nominate their representative to represent them in the control room and the officer so nominated shall make himself available at the close of each day from the time of the receipt of first warning. The Team leader Revenue Divisional Officer / Deputy Collector shall ascertain the names of representatives of all departments and exhibit a chart showing the officers who will be representing the department in the control room. The residential address of all the nominees and the duty staff should be available in the control room.

12.6. Statement Showing the Taluk Level Emergency Relief Operation :

Sl. No.	Name of the Division	Name of the Taluk	Officer-in-charge
01.	Erode	Erode	Revenue Divisional Officer, Erode
		Modakurichi	Assistant Commissioner (Excise), Erode
		Kodumudi	Additional Director of Agriculture ,Kodumudi
		Perundurai	District Supply Officer, Erode
02.	Gobi	Gobi	Sub Collector,Gobichettipalayam
		Bhavani	D.A.D.W.O(District Adi Dravidar Welfare Officer)
		Sathy	Special Deputy Collector, (SSS) Erode
		Anthiyur	D.B.C.W.O (District Backward Classes Officer)
		Thalavadi	Assistant Director of Agriculture,Thalavadi
		Nambiyur	Assistant Director of Agriculture, Nambiyur

12.7. Firka Level Officers:

For the purpose of implementing the Plan and providing relief measures each Revenue Firka is placed in-charge of a Tahsildar or Block Development Officer. A statement showing the firka level officers is given in Appendix "G". The Taluk Tahsildars have been assigned the head quarters so that they can be of assistance to the Revenue Divisional Officer / Assistant Director (Panchayat) as the case may be and in the overall supervision of the operation in Taluk. The firka level officers will take overall charge of co-ordinating the activities of various departments in their respective firkas and they will move to the firka headquarter or to the nearest convenient point and shall have their office within the firka from the moment the first warning issued. The Taluk Tahsildars, who are designated as Assistant Relief Officers shall arrange to fix up some place of office to these firka level officers either in Panchayat Offices or in the Block Development Officers where they can stay and communicate with the Tahsildar, Revenue Divisional Officer or Assistant Director (Panchayat). Necessary clerical staff should be provided to these firka level officers, if they don't have staffs of their own. The Firka Revenue Inspectors shall be at the disposal of the Firka Level Officers throughout. The Officers like Block Development Officers, Special Tahsildars etc., will have their own staff and they need not be given any staff from the Taluk Office. Those who have no staff of their own should be provided with the assistant of ministerial staff as well as Office Assistants by the Taluk Tahsildars concerned.

The Firka Level Officers shall be called "Zonal Officers" and be responsible to the emergency Relief offices for all purposes of rescue and relief operations.

Orders placing jeep at the disposal of the Zonal Officers will be issued at the appropriate time from the Collector's office, but they should be prepared to move about the moment they get the message of warning, making local arrangements, they should also ensure that the officers assigned duties to work under them are made aware of their area of operations, their responsibilities, duties and functions and that they should also be ready for being pressed into service the moment warning is communicated. The Zonal Officers should immediately move to their area, the Village Administrative Officers, Panchayat Presidents and other leading men in the village should be ready to enter in to operations without awaiting any orders.

12.7.1. Statement Showing the Tahsildars and Block Development Officers Incharge of Flood Relief Operations at Firka Level :

Taluk	Name of the Firka	Officer – in – charge
ERODE	Erode East	Special Tahsildar (CS) Erode

	Erode West	
	Erode North	
	Modakkurichi	Commissioner, Panchayat Union, Modakkurichi
	Poondurai	Tahsildar (SSS) Erode
	Arachalur	Zonal Deputy Tahsildar-II
	Sivagiri	Special Tahsildar (ADW) Erode
	Kilambadi	Special Tahsildar (NHS) Erode
	Kodumudi	Commissioner, Panchayat union, Kodumudi
PERUNDURAI	Perundurai	Commissioner, Panchayat Union, Perundurai
	Kanjikoil	Taluk Supply Officer, Perundurai
	Thingalur	Extension Officer (Co-op) Chenniamalai
GOBI	Gugalur	Tahsildar, Gobi
	Vaniputhur	Tahsildar (SSS) Gobi
SATHY	Bhavanisagar	Commissioner, Panchayat Union, Bhavanisagar
	Puliyampatti	Commissioner, Panchayat Union, Bhavanisagar
	Sathy	Tahsildar, Sathyamangalam
	Arasur	Commissioner, Panchayat Union, Sathy
BHAVANI	Athani	Commissioner, Panchayat Union, Anthiyur
	Bhavani	Tahsildar, Bhavani
	Kavundapadi	Tahsildar (SSS) Bhavani
	Ammamet	Commissioner, Panchayat Union, Ammapet
	Kurichi	Commissioner, Panchayat Union, Bhavani

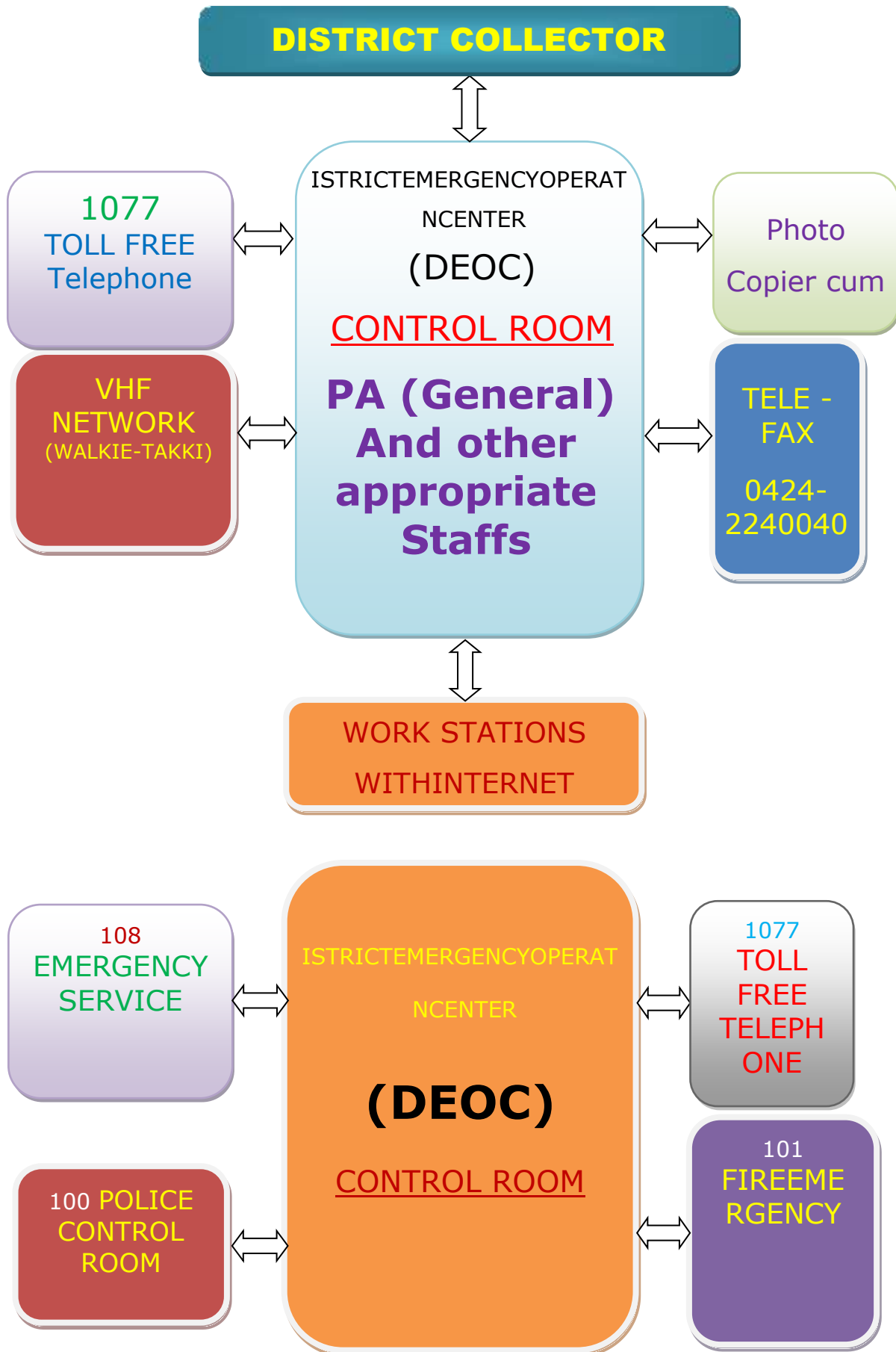
12.8. Emergency Operations Centre Setup and Facilities Available in the District :

12.8.1. Functions

1.	Maintenance of Log Book of Messages received and transmitted in the Joint Control Room in the Format.
2.	Maintenance of visitor's book in the Format.

The District Emergency Operations Centre (DEOC) is the hub of activity in a disaster situation in the District. The DEOC is connected with State EOC in the upstream and Disaster Management Committee in the downstream. It is a nodal point for overall coordination of planning and response. Its main duty is to ensure that the EOC facility has required communication (connecting all stakeholders vertically and horizontally), Decision support system, alert, and warning system in working conditions. The District Collector forms a team that functions through the DEOC and actively coordinate, mobilise, direct and maximise use of resources. The Revenue, Police, Rural Development, Municipal Administration, Health, Highways, Electricity, and other line departments are well represented. The communication system also include the Police VHF/Wireless sets in order to converge the information.

12.8.3. Functioning of Control Room



12.8.4. Alternate Emergency Operations Centre:

The Alternate Emergency Operations Centre will be operational in cases of emergency at the chamber of Personal Assistant (General) to Collector, Erode at First Floor, Collector's Office, Erode – 638 011. This centre has the following communications lines:

Telephone	:	0424/2260999
Telephone	:	0424/2260207 to 2260210
Fax	:	0424/2240040

12.8.5. Public-Private partnership:

The Taluk level Disaster Management Teams and vulnerability area wise Disaster Management Teams are closely in touch with the Non Governmental Organisations and members of local public and consultative meeting with them have also been conducted. At the village level, every vulnerable area has its own First Respondents and their contact numbers have been communicated to the Disaster Management Teams and Offices phone numbers communicated to the First Respondents. Further the facilities such as JCB, power saw etc., available in private sector have also listed in the Disaster Management Plan.

12.8.6. Forecasting and warning agencies:**a) Disaster Warning System (D.W.S)**

The Disaster Warning System sets are proposed to be installed at the selected stations in the Tahsildar's Office or Police VHF stations. The sets are to be manned by Revenue or Police Officials, who will have to communicate the warning by wireless network to the neighbouring places and to various Government officials for taking necessary protective measures.

b) List of Officers to Whom the Messages of Warning is Communicated from the Collectorate

01. Revenue Divisional officer concerned
02. Assistant Director (Panchayat) / (Town Panchayat)
03. Tahsildars concerned
04. Superintendent of Police

c) List of Officers to whom the Assistant Director (Panchayat) and the Assistant Director (Town Panchayat) should pass on the warning message

01. Block Development Officers concerned
02. Executive Officers of Town Panchayat concerned.

d) List of Officers to whom the Revenue Divisional Officers should pass on the warning messages

01. All heads of officers concerned in their Division
02. All Municipal Commissioners concerned
03. All Tahsildars concerned

12.9. Flood Patrol Rules for the Cauvery and Coleroon

12.9.1. List of Officers to whom Flood Message need be issued by The Executive Engineer, Cauvery Division

01. Superintending Engineer
02. Collector of Erode District, Erode
03. Superintendent of Police, Erode
04. Executive Engineer (PWD), Erode Division
05. Revenue Divisional Officer, Erode and Gobi.
06. Tahsildars, Erode, Perundurai, Gobi, Bhavani and Sathy
07. Divisional Engineers & Assistant Divisional Engineers (Highways & Rural Works and Rural Roads)

Note :

The above officers have to communicate the flood message received by them to their subordinate officers who are drafted for flood duty through the quickest means possible.

The list of stations and offices where the D.W.S. sets have been located is shown below:

12.10. List showing the locations of D.W.S. in Erode District

Sl. No.	Station	Location of Antenna	Location of the Receiver	Persons to handle DWS and maintained the batteries
01.	Erode	Collectorate Building	First Floor near Lift Room	Police Personnel
02.	Erode	Revenue Divisional Office Building	Office Room	Police Personnel
03.	Gobi	Revenue Divisional Office Building	Office Room	Police Personnel

CHAPTER - 13

PREPAREDNESS MEASURES

13.1. Identification of stakeholders involved in disaster response:

The following Officers are identified as stakeholders involved in disaster (flood/drought) response.

1. Revenue Divisional Officer, Erode.
2. Sub Collector, Gobichettipalayam
3. Assistant Director of Panchayats, Erode.
4. Taluk Tahsildar
5. Block Development Officer
6. Municipal Commissioner
7. Deputy Superintendent of Police
8. Assistant Executive Engineer, PWD
9. Assistant Engineer, Highways and Rural Works & Rural Roads,
10. Assistant Director of Agriculture
11. Medical Officers of Taluk Head Quarters Hospitals of Primary Health Centres.
12. Managers, Sub Region in Tamilnadu Civil Supplies Corporation
13. Divisional Engineer, TANGEDCO
14. Managers, TNSTC
15. Representative of District Education Officer
16. Health Officers
17. Executive Officers, Town Panchayats
18. Assistant Executive Engineers of TWAD Board
19. Officers of Lead Society, Representatives of Co-operative Society
20. Motor Vehicle Inspector
21. Forest Officers/Territorial and Social Forestry
22. Deputy Collectors nominated as Zonal Officers.

13.2. Response and evacuation of differently abled persons:

Sufficient number of wheel chairs shall be available with the Joint Director of Health Services and District Differently abled Rehabilitation Officer and these will be available at short notice for evacuation of differently abled persons.

DISASTER MANAGEMENT CYCLE



13.3. Early Warning Teams:

Early Warning Teams have been formed with Senior Revenue Inspector, Extension Officer (Panchayat), Village Administrative Officer, Police Officers and First Respondents consisting of villagers of vulnerable areas. Members of the team and their contact numbers have been given in the vulnerable area wise Disaster Management Plan.

13.4. Search and Rescue Teams:

The Search and Rescue Teams have been formed with the members of Fire and Rescue Department, Police, Zonal Team Officers, First Respondents. Members of the team and their contact numbers have been given in the vulnerable area wise Disaster Management Plan.

13.5. Evacuation Teams:

The Evacuation Teams have been formed with the members of Fire and Rescue Department, Police, Zonal Team Officers, First Respondents. Members of the team and their contact numbers have been given in the vulnerable area wise Disaster Management Plan.

13.6. Damage and Loss Assessment:

The Damage to properties and loss assessment teams have been formed with Tahsildar, Block Development Officer, Executive Officer of Town Panchayats, Village Administrative Officers, Officers of Fire and Rescue Department. Members of the

team and their contact numbers have been given in the vulnerable area wise Disaster Management Plan.

13.7. Activation of Incident Response System:

The following Officers are nominated for the activation of Incident Response System:

1. District Collector, Erode/Chairman, District Emergency Relief Advisory Committee.
2. District Revenue Officer, Erode/Vice Chairman, DERAC
3. Superintendent of Police, Erode.

13.8. Protocol for seeking help from Army:

The Commanding Officer of Army Camp at Coimbatore has nominated one Officer for co-ordination of Relief and Rehabilitation Operations with the District Administration.

Maj.V.Kushwaha,Battery Commander,Army Camp, Madukarai,
Coimbatore.Mobile No.8194002604 and 0422-2622432,2622558

13.9. Mechanisms for checking and certification of logistics, equipments and stores:

The Tahsildars and Block Development Officers are entrusted with the procurement of logistics and equipments and the details of their name and addresses with contact numbers have been given in the vulnerable area wise Disaster Management Plan.

13.10. NGOs and other stakeholders co-ordination:

13.10.1. Role of Voluntary Organisations :

The role of Voluntary Organisation in the disaster management is of crucial importance. It is primarily geared to co-operate and participate in the relief measures of the Government. Promoting self help, mutual aid and spirit of reliance in themselves and providing continuous liaison between Government and publics. Each voluntary organisations has specific geographic and proposed area of operation and specialize in one or more services like child welfare, health care, women's welfare etc. In order to make optional use of their capabilities efforts should be made to detail out their areas of interest and operations. These should be communicated to the Relief Administration at various levels.

13.10.2. Motivation :

In order to motivate voluntary organisations for undertaking disaster mitigation tasks, the following steps are suggested:-

- i. Voluntary Organisation may be requested to include a clause in their bye law or Memorandum of Association to render disaster relief at times of need.
- ii. While sanctioning organizationally assistance to voluntary organisations, a condition may be included that the voluntary organisation should undertake disaster relief when called up to do so.

13.10.3. Mobilisation :

Voluntary organisations interested in the disaster management should be strengthened by augmenting their capabilities by training and guidance to undertake emergency disaster relief work, especially in the field of child welfare public health, environmental sanction, nutrition and the like.

13.10.4. Relief Assistance :

In times of disaster a number of foreign voluntary organisations come forward to provide relief assistance in terms of cash and kind. The commodities received are to be sent to a predetermined focal point. The affected area should be notified in advance to the department of Social Welfare. The focal point where the commodities (donations) should be sent may also be informed.

13.10.5. Distribution :

A special Officer be appointed to channelise the gift commodities for proper distribution among the affected people.

13.10.6. Modalities Of Participation :

Since the Government and the voluntary organisation are to co-ordinate and complement their resources in disaster relief operations, it is advisable to plan the modalities of participation of each agency in a pre-determined manner. The Government on its part could request the voluntary organisations to furnish information with reference to various fields to activities and specific task to which the later can undertake. The Revenue Divisional Officer/Assistant Director (Panchayat) may then assess the available voluntary resources and chalk out programmes supplementing the efforts by the Government. The Voluntary organisations may be involved identifying the needy and the vulnerable group in the community eg. Women, Children, Old and infirm. There should be more specification involved in ameliorating their distress and for their rehabilitations.

13.10.7. Training :

The Voluntary Organisations may be encouraged to make use of government training facilities available at various levels for purpose.

13.10.8. Supply Of Articles :

The Voluntary organisations be persuaded to supply the following articles to the affected people.

a) Toilet Articles :

Tooth Powder, toilet soaps and washing soaps, hair oil, combs and small mirror, safety rasers with blades, towels and sanitary pad for women (Loose Woollen Gauge and Cotton wool will serve the purpose).

b) Articles For Personal Use :

Plastic tumblers plastic mugs buckets (1 per 10 persons) Durries / mats and pillows, spectacles (Reading glasses) those who lost them, clothing for infants and children napkins and feeding bottles with nipples.

c) Recreational Amenities :

Chess and playing cards for adults, toys and indoor games for children, Newspaper and radio with loud speakers.

The State Anti-Disaster Plan lays down that the list of voluntary organisations, special service and Welfare Associations, Labour associations etc. has to be prepared / maintained by Revenue Divisional Officers/Assistant Director (Panchayat) and they should evolve plans as to how their services could be associated with the emergency relief organisations and emphasize the role to be played by voluntary organisations.

13.11. Community Awareness and Involvement:

- 1) In order to weaken the impact of the disaster on the community, it is necessary that there should be psychological preparedness on the part of the public to absorb the initial shock caused by the disaster and to gear up the relief machinery for timely action.
- 2) The primary mode of community preparedness is public education about the likely impact of various disasters on man and community and the proper response by man and the community to such disasters.
- 3) During the period of disaster prone period (later part of monsoon for floods, May-June and September – October for Cyclone etc.) people should be educated about the impact of such disasters in different ways by audio – visual aids like films, posters etc., It will be worthwhile if such programmes are extended to school level to educate, the population from the early stages. Films should be screened in the vulnerable and most vulnerable areas by the field publicity organisations. These could also be shown in cinema theatres in vulnerable towns. Films on Cyclones, floods should be made keeping the local background in view.
- 4) The Public may also be educated by organising meetings at religious gatherings, fairs, Seminars and also by giving proper training in rescue and relief operations.

CHAPTER - 14

PREVENTION AND MITIGATION PLAN (2015-2030)

14.1. Prevention Measures:

In Erode District flash floods in low lying areas is the disaster classified as Major disaster. In these areas, deepening of existing streams, canal etc., desilting of streams, canals, reservoirs, removal of silt by farmers have been carried out in a planned way. These activities have played a major role in the prevention and mitigation of floods as well as droughts to a great extent.

14.2. Mainstreaming DRR in development plans and programmes:

The Local bodies have been directed to prepare and implement the flood prevention programmes such as construction of storm water drain, heightening of existing culverts for free flow of flood waters etc., in the vulnerable locations identified.

14.3. Mitigation Measures:

a) Roles and Responsibilities of Disaster Management Committee:

As per the section 25 of Disaster Management Act - 2005, the District Disaster Management Authority (DDMA), consist of seven members.

1.	District Collector	Chairperson.
2.	District Panchayat Chairperson	Co-Chairperson.
3.	District Revenue Officer	Chief Executive Officer
4.	Superintendent of Police	Member
5.	Joint Director of Health Services	Member
6.	Personnel Assistant (General) to the Collector	Member
7.	Project Director of DRDA	Member

The District Level Disaster Management Committee will meet in every six months. However, the committee may meet more frequently if the situation requires so.

b) The areas of concern for the Committee:

- (1) Create awareness among Government functionaries, technical institutions, NGOs, Communities about Hazards, vulnerability and possible preventive actions.
- (2) Capacity building for certification by Government functionaries and professionals (engineers and architects)
- (3) Development and Institutionalizing of Disaster preparedness and response plans and practice them through mock drills.
- (4) Development of a regulatory framework (techno-legal regime) to promote safe construction Practices to ensure structural Safety.
- (5) Networking knowledge on best practices and tools for effective Disaster Risk Management, including creation of information systems containing inventory of resources for emergency operations.
- (6) The committee will meet in June and August every year to review emergency preparedness in the District. The committee will discuss threats and vulnerabilities in the District, identify potential sources of trouble and disturbances, and take necessary decisions for prevention and preparedness. The committee will appraise the capacity and preparedness of all the first responder agencies: police, fire brigade and civil defence.
- (7) The Committee will discuss the on-site emergency plans prepared by all the important institutions in the city and decide upon safety and security measures to be taken by private and public sector companies and undertakings.
- (8) The committee will appraise the state of critical infrastructure: roads, drainage and sewerage, water supply, electricity, and telecommunications. The committee will take appropriate decisions for the continuity and maintenance of the essential infrastructure and develop necessary back-up plans.

14.4 School Safety Policy

The National Disaster Management Authority has formulated the National Disaster Management Guidelines on School Safety Policy in 2016 with a vision of Safety of School Children. The school safety in nature and statutorily required to be complied with scrupulously without any deviation. All the requirements to ensure safety of children in schools mentioned in the School Safety Policy 2016 are statutory in nature everyone should be involved in the process of ensuring safety of children.

The School Safety Advisory Committee has been constituted to implement and execute the School Safety Policy in respect of Erode District.

The committee has performing all requisite actions for School Safety to strengthen institutional commitment, safe learning environment for children, furnish the school safety concerns for updating District Disaster Management Plan, implementation of building codes conforming safety standards as per national building codes and other norms, issuance of building license ensuring safety measures, impart the trainings to teaching and non teaching staff as part of their pre-service and in-service programmes, conduct of mock drills and monitoring safety parameters in all schools on a regular basis.

Erode District Level School Safety Advisory Committee is hereby ordered with the following members;

1.	District Collector	Chairperson
2.	District Superintendent of Police, Erode	Member
3.	District Revenue Officer	Member
4.	Project Director, DRDA, Erode	Member
5.	Chief Education Officer, Erode	Member
6.	District Education Officer, Erode	Member
7.	District Education Officer, Gobi	Member
8.	Inspector of Matriculation Schools, Erode	Member
9.	District Fire and Rescue Officer, Erode	Member
10.	Executive Engineer, PWD, Buildings, Erode	Member

The Committee members are directed to inspect the school buildings frequently during their field visit and shall submit their suggestion then and there for the consideration of the Committee.

CHAPTER - 15

RESPONSE PLAN

15.1. Rescue Operations :

The formation of rescue teams comprising the personnel from police, Armed Reserve and Fire Service has to be done at the District Level in consultation with the Superintendent of Police and District Fire Officer.

15.2. Organisation:

The rescue teams will be led by an officer of the Police or Fire service Department assisted by a Deputy Leader from either the above two departments. The other member of the team will be selected from the District Armed Reserve the Home Guards and from the public. The Superintendent of police, Erode District will be District Rescue officer. The area Commander the Guards and the Officer of the Fire Service Station will be Assistant District Rescue Officer with the District divided among them. The Rescue teams will consist of men as follows:-

1.	Leader of team	A Police officer or a Fire Service officer	1
2.	Deputy Leader of the team	A Police Officer or a Fire Service Officer or a Home Guard officer	1
3.	Driver	From Fire service	1

15.3. Other Members

1.	A.R. men who know swimming	:	3
2.	Home guards who know swimming	:	2
3.	Men from fire service stations	:	2
4.	Public spirited citizens	:	2
	TOTAL	:	12

The personnel of the teams must be selected in consultation with the Area Commander, Home Guards and the Fire Service Officers.

15.4. Duties to be Performed:

- I. To save the life of the persons trapped in collapsed buildings, by rapidly extricating them from underneath the debris.
- II. To render first aid wherever necessary and to send the injured for further medical attention.
- III. To recover the dead from collapsed and seriously damaged buildings.
- IV. To take immediate necessary steps for temporary support or demolition of damaged structures where collapse may endanger life or obstruct traffic in an important road or hinder the rescue work in any other way.

- V. To cut off supplies of water, gas, electricity etc from damaged buildings. It should be remembered that only cutting off the supply is the concern of the rescue party. Repairing and restoring the services is the job of the respective departments.
- VI. To render all necessary assistance to other departments at work at site, particularly the fire service.

15.5. Salvage Services :

While rescue operations are on and evacuation is in progress, immediately after the cyclone or floods, it may be necessary to take charge of the properties left abandoned or unclaimed. The Firka Zonal Officers who are incharge, should see that the Village Administration Office concerned with the help of the Village assistant remove such properties as left over or abandoned to a convenient safety storage point and hand them over to the custody of the Secretary of the village Agricultural Co-op. Bank who will take care of the articles received till they are disposed of. In Municipal areas, the Municipal staff attending to health and sanitation as per the plan shall be responsible for doing this and the properties in Municipal areas may be kept in the custody of Municipal Commissioner or Engineers concerned.

15.6. Co-Ordination of Relief and Rescue Operations at Firka level :

The Firka Zonal Officers shall be in over all charge of both rescue and relief operations and they will be assisted by a team of departmental officers. This zonalisation is confined to the Most Vulnerable and very vulnerable areas. For the other division, the teams will be formed by the Emergency Relief Officers and when the need arises.

The Joint Register of Co-operative Societies and the Special Officers of the Co-operative Central Bank shall be responsible to make the Village Co-operative or other Co-operative institutions selected for the purpose to take charge of the stock and account for them.

Soon after the receipt of warning indicating imminent floods in the most and vulnerable areas, the buildings, selected for shelter homes should be taken charge by the Officer concerned. The official in charge of the shelter home should also take up his position. The officers responsible for the evacuation of resident of low lying areas should move them to the shelter home in batches. The officer incharge of the shelter home should arrange for the reception of the staff cooking and supply of food to them. In cases, the flood continues for some days and the ravages could not be repaired and the persons rehabilitated immediately, the feeding can be continued till such time as per necessity.

15.7. Rescue Operation

The rescue team will be led by an Officer of the Police or fire service department assisted by the Deputy leader from either of the above two departments. The other member of the team will be elected from the District Armed Reserve the Home Guard and from the Public. The Superintendent of Police, Erode will be District Rescue Officer in his jurisdiction. The rescue team will consist of men as follows:-

1.	Leader of the Team	:	A Police Officer or Fire Service Officer		
2.	Deputy Leader of the Team	:	A Police Officer or a Fire Service Officer or a Home Guard Officer		
3.	Driver	:	From Fire Service Department		
4.	Other Members	:	1.	Armed Reserve Men who know swimming	3
			2.	Home Guard who know swimming	3
			3.	Men from fire service station	3
			4.	Public Spirited Citizen	3
				TOTAL	12

The personnel of the teams will be selected in consultation with the Area Commander Home Guards and the Fire Service Officers.

15.8. Duties to be Performed :

The primary functions of the rescue parties will be following.

- 1) To save the life of the persons trapped in partly collapsed building rapidly removing them from the underneath the debris.
- 2) To render first aid where necessary and to send the injured for further medical attention.
- 3) To recover the dead from collapsed or seriously damaged buildings.
- 4) To take immediate necessary steps for temporary support or demolition of damaged structure where collapse may endanger life or obstruct traffic in an important road or hinder the rescue work in any other way. Demolition of a heavy nature does not fall within the purview of Rescue Operation unless such work is necessary to save life or to remove immediate danger to traffic.
- 5) To cut off supplies of water, Gas Electricity etc. from damaged buildings, it should be remembered that only cutting off the supply is the concern of the rescue party.
- 6) To render all necessary assistance to other departments at work site particularly the fire service.

- 7) First Aid Kit, Petromax lights, torches, stretchers Generators vehicles which are required for the rescue teams should be kept ready on hand.

15.9. Restoration of Essential Services :

The foodstuffs and other articles cannot be stored for an Indefinite period and hence to ensure normal supplies of commodities, the restoration of road communication is essential. One of the most important items of work the relief officer has to attend is clearance of roads, closing of breaches etc., The Highways roads are under the control of the Divisional Engineer (Highways), rural roads under the control of Divisional Engineers (H&RW) directly and other under the control of PanchayatUnions or Panchayats. The Divisional Engineers (Highways) & Rural Roads should allocate the areas to be taken charge by their Assistant Divisional Engineers, Assistant Engineers and Lower subordinate staff both under Highways and rural roads and Panchayat Union roads. The Divisional Engineer and his staff and the Panchayat Union Engineers shall be responsible to restore the road communication by cutting and removing the trees as also by closing the breaches, wherever necessary. The villagers shall also be permitted to cut and remove the fallen trees wherever necessary so as to allow the vehicles to pass through. The Divisional Engineers will arrange to procure additional cutting tools in each section under their control and under the control of Panchayat Unions and with the help of the local labourers and saw men. The Revenue Divisional Officers will furnish a list of saw men available in the villages to the Assistant Divisional Engineers and the Village Administrative Officers of the road side villages shall be responsible for procuring labour for the work.

15.10. Medical and Public Health

The floods in this District have not caused much health and sanitary problems, but still the Primary Health Centres in the most vulnerable and very vulnerable area will keep enough stock of essential drugs. The Joint Director, Health Services shall arrange to send one Health Inspector for a population of about 5,000. The Health Inspector shall have attendant health staff and they are responsible for carrying out the inoculation vaccination and other Public Health programme. A doctor of the Primary Health Centres concerned shall attend to the shelter homes daily. As far as the areas falling under Municipal Limits are concerned the Municipal Health Officer himself will attend to public health needs of the people in the shelter homes.

15.11. Disposal of the Corpses :

The following guidelines are issued for observance in disposal of such dead animals :

- i. The dead animals should be buried by digging pits in sizes / detailed in the annexure, far away from the habitations.
- ii. The carcasses of big animals and small animals should be buried in any one of the sizes of the pits suitable for them,
- iii. The pit should be initially filled up with lime stones to a depth of 6" and then the dead animal should be buried with filling material like mud and earth.
- iv. The sanitary inspector or the health inspector / Executive Officer of Town Panchayat, or the Extension Officer (Panchayats or Rural Welfare Officer concerned) shall be made responsible to certify that the disposal has been properly done.
- v. Transport cost of the animal should not exceed Rs. 20/- in respect of big animals and Rs. 5/- in respect of small animals.
- vi. The expenditure should be restricted to the rates fixed and should not exceed the limits.
- vii. The Executive Officer of Town Panchayats should also adopt the above procedure.

The expenditure should initially be met from the general funds of the Panchayat Union concerned and got reimbursed from the funds allotted by Government for Natural Calamities.

15.12. Care of Animals :

There are no S.P.C.A. sheds or well maintained cattle pound which can be used to station the live stock affected in the cyclone/ floods. All the Veterinary dispensaries in the District are therefore, ordered to be indicated as Camp Shelters. Wherever the dispensary is not able to accommodate the cattle, temporary shed shall be put up by the Divisional or Taluk Emergency Relief Officers. The Taluk Emergency Relief Officer shall also arrange for evacuation of the cattle wherever necessary, and provides shelter in the dispensaries nearby. The Joint Director of Animal Husbandry will issue instructions to all his subordinate staff to be available in the dispensaries throughout the season and provide necessary assistance. Location of safety points and vulnerable points is incorporated in the zone plan.

15.13. Casualty Service :

The Deputy Directors of Health Services, Erode will be Emergency Relief Casualty Officer and the Doctors in charge of the dispensaries and Primary Health Centres shall be incharge of the casualty service.

The Joint Director of Medical Services will arrange to procure the required stock of Medicines, etc and have them in stores in all Primary Health Centres before the commencement of the season. The Deputy Director of Health Services, Erode will ensure that sufficient stock of medicines is stored in reserve.

The Panchayat Union Commissioners shall ensure that a sufficient quantity of the requirements of medicines for each Panchayat Union dispensary as indicated by the Joint Director of Medical Services is kept in reserve in all Panchayat Union Dispensaries. Necessary orders for incurring the expenditure should be obtained from the Panchayat Development Sections in advance.

15.14. Formation of Medical Teams :

The Deputy Directors of Health Service has to instruct all the Medical Officers in charge of Government Hospitals and dispensaries to remain stationed and attend to patients brought to Hospitals. The District Health Staff in rural area and Municipal Health Staff in Municipal area will attend to the Health Plan in the respective area assigned to them by the Joint Director of Medical Services and the Municipal health Officer as the case may be.

15.15. Head Quarters Hospital at Erode :

The following Two Medical Teams consisting of Medical and Para Medical Personnel will function during emergency due to the North East Monsoon.

TEAM NO. : 1:	Doctors	:	3
	Nurses	:	2
	Sanitary worker	:	1
TEAM NO. : 2:	Doctors	:	3
	Nurses	:	2
	Sanitary worker	:	1

The cycle will repeat depending upon the emergency period.

The Chief of the units of the above departments are requested to make arrangements to send the medical team along with the Medical Personnel, drugs, Bandages and suture materials etc.

An Ambulance Van will be arranged by the Joint Director, Medical Services, Erode for transporting the Medical team to the Flood and Cyclone affected area where medical help is required.

The Medical Officers i/c. of Medical and Surgical stores are directed to keep the emergency drugs and surgical materials in sufficient quantity in reserve to meet the situation.

The Medical Teams are requested to be ready and make themselves available at short notice to move when called for,

The Joint Director, Medical Services will arrange to depute two male nursing assistants to the Medical team every day to go along with the medical team for medical relief work daily.

The Medical Officer at the Government Hospitals will also see that the Ambulance Vans attached to the hospital are in road worthy condition with the sufficient fuel in the tank of the vehicles.

15.16. Evacuation and Housing Plan :

A list of low lying villages should be classified as medium vulnerable if there is probability of inundation or being marooned and the people in those villages should be persuaded to be evacuated and housed at convenient nearest shelter homes.

The number of families / persons with details of women (Expectant / nursing mothers classified) and men and children should be enumerated and recorded even before they are evacuated and housed. The shelter homes should be kept ready identified for the people as to whom they should be intended for,

Capacity of the shelter home should be assessed and optimum number of people should only be accommodated. The availability of equipments and stores should be ensured. The following are some of the items to be get ready for commissioning the operation.

1. Lighting facilities
2. Drinking water
3. Sanitary arrangements
4. Cooking arrangements
5. Storing of relief materials(Rice, Kerosene, Match boxes, Candles etc.)

Care must also be taken to evacuate cattle as stipulated in para 8.12 above. Care of any other properties may also be arranged for, An attendance of victims must be maintained. Missing or deceased victims must be recorded and pursued further for search and assistance to the bereaved family (vide G.O.Ms.No. 245 Revenue, dt. 25.02.85.) Deploy Group officers to each shelter home.

- 1) A few notes explaining when a situation may be considered dangerous and a few suggestions as to what may be done are noted below. They are not exhaustive, but are noted down only for the guidance of the patrolling officers.

Breaches in the Banks especially those of the Goleroon may be caused due to two reasons, viz. one due to the current setting in towards the banks and eroding away the bank slowly and steadily and the other due to percolation leakage through the banks.

3. The first sort of breach is likely to take place where the width of the margin is small or none. The failure of flood bank is not a sudden occurrence. It gives sufficient warning and if timely action is taken, any apprehended breach can easily be averted. Before a breach occurs the bank starts stepping down gradually, if the possible breach is due to the occur action. Before the flood bank is affected by a occur action Longitudinal cracks develop on the water edge side of the flood bank immediately. When such longitudinal cracks are noticed casuarinas poles may be driven at an interval of 4 feet along the front toe of the bank with expert swimmers and waling pieces tied and burshwood put in. Apart from it, pile grown on the upstream side can also be put in for a length of 15' x 20'. The depth of water in the river, even during maximum flood, near the river margin will be only about 6 to 8 feet and therefore there is no difficulty informing such groynes though the current is swift. For doing such work, good swimmers should be employed, so that in case of any slipping for the labourer, he can easily come to the shore. If the bank starts slipping all of a sudden it is not desirable to dump sand bags and heavy materials like brick debris at the affected place, as such dumping only aggravates conditions. In such cases, brushwood weighted with sand bags have got to be put in as the brushwood so dumped can reduce impact considerably and the slipping of bank gets prevented.

Percolation or leakage may be through (a) holes made by rats or other animals (b) voids between clods in composition of the bunds not yet consolidated (c) cracks formed during summer not yet consolidated by rains (d) a bank of previous soil. This leads to breaches occurring at places even where the river margin is comparatively wide and the bank appears evidently safe. The mouths of these leakages on river side will not generally be visible, but they can be approximately located by observing the outlets on the land side which will be either (a) on the slope of the bund itself or (b) on the rear ground appearing in the leakage continues long without up through the sub soil. If the leakage continues long without being stopped, the bund will slip on the land side, producing longitudinal cracks along top or rear slope of bund and thus, if unchecked will result in breaching of the bank. If the percolation is not much, a rear pending with sand bags may be formed and water level in the seas at such points may rise up to certain level than the seepage will stop. It is possible that if percolations of stopped in one place it may spring up the neighbouring area and it should be carefully watched. If such springing takes place it may be prevented in the same manner as suggested above.

The patrolling officer during the duration of floods should carefully watch seepage on the rear toe of the bund and any seepage is observed, action should be taken to stop seepage either by forming bund with sand bags or by plugging the holes in front after locating it. If the sand bags are dumped in the front after locating the point through which water escapes on the front slope, this will get stopped.

At the early stage, it is easy to control by pressing the earth at the likely starting points with feet. Later on, it will be by only packing sand bags, that they may be controlled.

15.17. General

The plan is communicated to all District Heads of Departments with all enclosures. The plan contains only an outline of the action to be taken in the event of any natural calamity. However during actual implementation there may be need for deviation or modification according to circumstances that may warrant in each area. In such case the officer concerned shall follow the instructions of the District Collector, in his absence of the District Revenue Officer or in his absence of the Personal Assistant (General) to Collector in this regard. All Departmental officers will keep the staff concerned duly informed of their responsibilities so that may involve themselves whole hearted in rescue and relief operations without waiting for further orders. The most important item of work of the staff engaged in their work is to take such precautionary measures to avoid loss of lives either human or cattle. The Revenue Divisional Officer and Assistant Director (Panchayats) & Assistant Director (Town Panchayat) Officers are requested to issue circular in Tamil in clear terms separately to all Village & Town Panchayat Presidents and Village Administrative Officers and Panchayat Union school Teachers and Rural Welfare Officers. (Gramsevaks) fixing the responsibility to each and every officer outlining the programme of action so that they may not look up to the Higher Authorities when emergency arises. When emergency arises.

15.18. Staff :

During the months of June, July, August, September, October, November and December ordinarily leave should not be granted to any Government Servant unless it is very essential. The residential addresses of all the members of staff in the various Government Offices should be collected and made available in the Taluk Office. Man power wherever available will have to be utilised in cases of any emergency.

15.19. Supply of Petrol and Diesel :

Quite a large number of vehicles will be pressed into service in the event of cyclone. The Revenue Divisional Officers and District Supply Officer will ensure that at least 25% of the capacity of tankers is kept as reserve throughout the period of emergency i.e. 1st October to 31st December. The District Supply Officer will chalk out a programme and furnish it as a supplement to this plan.

15.20. Damage Assessment and Immediate Restoration/ Rehabilitation

As soon as the rescue operations, restoration of communication and supply of food articles etc., are completed, the rehabilitation process shall start. The assessment of damages and the enumeration of the persons rendered homeless etc. shall begin without waiting for the rescue and relief operations to be over. For this purpose the Revenue Divisional Officer concerned should draw a proforma if not already done and allot staff required to carry out an intensive enumeration of (i) the people dead, (2) cattle dead (3) damages to crops (4) damages to houses and (5) damages to other operations etc. A duty chart should be drawn by the Revenue Divisional Officer concerned involving Panchayat Union and Revenue staff for assessing damages in special areas depending upon, deployment of personnel should be made. Preliminary Estimate of damages should be conveyed to the Collector in not less than 24 hours (Appendix R) Final estimates should be provided without undue delay (Appendix S). Adequate staff will be set apart for this purpose at the rehabilitation process such as the construction of houses etc. has to begin immediately after the recession of floods and that the evacuees cannot be kept in the shelter homes indefinitely. Soon after the assessment of the damages is over, the payment of cash relief and distribution of clothes etc. will follow. The shelter homes shall be closed as soon as the cash relief etc. are distributed. The Emergency Relief Officers in each Taluk shall be responsible for carrying out the enumeration and payment in their areas. However the Revenue Divisional Officer shall supervise the disbursement of cash etc., in the division as a whole, as he alone has the powers to draw and disburse cash doles.

CHAPTER - 16

RECOVERY AND RECONSTRUCTION PLAN

16.1. Role of the District Administration:

In anticipation of any disaster, the District Administration has taken various precautionary measures. Functioning of the Control Room, rain recording and submission of rainfall report, communication of Gauge reading, installation of temporary VHF stations, arrangement for keeping telephone and telegraph lines in order, storage of food stuff, arrangement for keeping drainage clear, agricultural/health/veterinary measures, selection of flood/cyclone shelters, etc. have been properly planned.

The government officials of different departments have been appraised of their duties for pre, during and post disaster periods. The Urban Local Bodies (ULBs), Executive Engineers of Water Resource Department, Executive Engineers of PWD Department, Executive Engineers of PHE, Health, Police, Fire Services & Rescue operations, A.H.& Veterinary, District Supply Officer, etc. have been requested to take all precautionary and preparatory measures and to remain alert to face the challenge of any disaster.

The other government officials have also been apprised of their roles and responsibilities to be played during pre-disaster arrangement and during/post-disaster management. Every possible kind of cooperation from all the line departments has been sought for by the District Administration in combating the severe natural calamities that may occur anytime.

16.2. Revenue Department

(i) Normal Time Activities

- Preparation of a map of disaster prone areas in the District, history of the District, geographical conditions occupational details, settlements, rain, irrigation and industries etc. Safe alternative routes to utilize during disaster in the disaster prone areas.
- Preparation of the list of Key officers of all the departments, staff, vehicles and buildings.
- Details of control room arrangement.
- Details of geographical groups and assignment of Zonal Officer.
- Details of food grain storage places in the District and the Fair Price Shops.
- Details of vehicles, boats and equipments available in the District for rescue operation. Setting up of communication to communicate the messages from village to village.
- Details of operating systems for District Disaster Management Committee.

- List of NGOs and self-help groups and their addresses and phone numbers in the District in the prescribed annexure.
- Orientation Training to various District level officers and departments for effective functioning of control room, co-ordinations and operations.
- Special appointments of persons in charge of control room.
- Hazard analysis, seasons, and possibilities of disasters and review of disaster history.
- Review of disaster prone areas, risks, response plan, resource and utility of resources and equipment's.
- Strategy for disaster management
- To check the condition of safe shelter during his visits in the District places and if necessary gets it repaired by co-coordinating with the local authorities, available financial resources and voluntary organizations.
- Repairing of roads and ways leading to safe shelters by co-coordinating with various development plans/schemes.
- To undertake development projects like rural housing, scarcity of relief works, disposal of rainwater and water conservation and water harvesting.
- To co-ordinate scheme for poverty eradication, self-employment and the schemes of other departments.

(ii) On receiving the warning

- Will review the alarming situation in the meeting of DDMC.
- Assigning the work as to what to be done by which officer in case the disaster hits.
- Will carry out the work in co-ordination with other departments.
- Will alert and activate the functionaries related to early warning and communication looking to the possibilities of disaster and will see that the messages are intimated to the members.
- Distribution of work for operation of round the clock control room.
- Will send the vehicles with mikes and sound system for the areas of top priorities. Will instruct all the staff to remain present at their respective places.
- Shifting the people living in low lying areas, riverbanks, and economically weaker people socially and economically backward families and houseless families to safe places.
- Will work out the arrangements for search and rescue operation, shifting of people and utilization of human resources as per necessity with the help of DMTs and local community through zonal officers.

- Will arrange for temporary shelter for the people evacuated by giving the warning in advance.
- Will provide the vehicles to shift the people to the safer place when necessary.
- Will undertake the operation of forceful evacuation of people if they are not ready to leave even after warning.
- Will arrange for food, drinking water, medicines at temporary shelters and relief camps with the help of local NGOs, doctors, industrial houses, etc.
- Will make in advance preparations for relief activities through local NGOs, industrial houses, and donors over and above normal norms of the relief.
- Will work out the financial estimates for search and rescue and immediate relief.

(iii) Post Disaster Activities

- Will segregate the villagers and areas victimized by the disaster.
- Will start relief activities including emergency relief distribution and work out the strategy of damage assessment and provide the formats for the same and explain to all the staff members.
- Will guide the team members about the payments of relief accident to damage as per the rules and policies of the government before the start of duty.
- Will make arrangements for the transportation and distribution of Govt. relief amount and materials.
- Will make due arrangements to see that there should be no haphazard distribution of relief material so that needy people are not deprived of it.
- Will arrange for drinking water, food, medical facilities and other essential things at the relief camps as per the necessity will work out the primary estimates of the damage.
- Will undertake the rescue operations to save the trapped people through trained police personnel and swimmers on need base.
- Will requisite more vehicles for rescue work, shifting the people to temporary/permanent dispensary for treatment through NCC, Home Guards, Local Police, and Para Military Forces etc.
- Will arrange for identification of the people, in case of any death maintain the dead bodies till legal procedure is over.
- All Tahsildars are instructed to take all precautionary measures in co-ordination with all line Department officials, to give immediate reliefs to the affected people.

16.3. Police Departments

- ❖ Maintain Law & order
- ❖ Undertake search & rescue works as well as orderly evacuation to safer places

- ❖ Protection of supply & convoys and assistance in orderly distribution of relief materials.

16.4. Advance Preparedness:

- ❖ Formation of teams & delegation of areas of operation
- ❖ Skill up-gradation trainings for the officers and supporting staff & wardens /post wardens
- ❖ Equipment/machines to be upgraded & maintained in working condition
- ❖ Emergency Control Rooms should be kept operational
- ❖ Adequate warning mechanism for evacuation
- ❖ Identification of alternative routes
- ❖ Antisocial elements/groups identified
- ❖ Identification of sensitive areas and patrolling therein
- ❖ Patrolling on important buildings/ highways
- ❖ Support to the Administration on training of volunteers
- ❖ Keeping close contact with the Administration.
- ❖ During/Post- Disaster Management
- ❖ Establish linkages with State/District Control Rooms
- ❖ Close contact with the Armed Forces for specialized assistance/equipment for search and rescue
- ❖ Establish Radio Communication to assist evacuation, information dissemination and checking rumours
- ❖ Evacuation of people & immediate reporting to higher authorities
- ❖ Assist seriously injured persons to get to treatment centres
- ❖ Assist fire brigade personnel in their efforts
- ❖ Assist and encourage the community in road-clearing operations
- ❖ Traffic management and patrolling as required
- ❖ Provide security in transit and relief camps, affected areas, lifeline infrastructures & services; ensure identified areas are cordoned off
- ❖ Provide security arrangement for visiting VVIPS and VIPs
- ❖ Assist the Administration in taking necessary action against hoarders, black marketers and those manipulating relief materials
- ❖ Identify and register the names of the dead and dispossessed persons
- ❖ Support the Administration, Medical, Community members in disposing dead bodies
- ❖ Assist the Administration in the supply and distribution of relief materials
- ❖ Deploy police personnel near relief go-downs
- ❖ Escort relief carrier vehicles and personnel

- ❖ Regular reporting to higher authorities about the situation including expenditure statements etc
- In the post operation phase, sit with the teams, discuss problems and suggest remedies, collect feedback etc., to upgrade mitigation as well as action plans.

16.5. Fire and Rescue Services Department :

Fire & Rescue Services Department has been instructed to ensure adequate stock of rescue equipments such as inflatable Rubber boats, life boats, life jackets and rubber dinghies. Mock drill was conducted by Fire and Rescue Services department on 20.09.2013 and on 27.09.2013 at the following places.

- | | | | |
|----|--------------------------|---|---------------|
| 1. | Bangalapudur | - | Gobi Taluk |
| 2. | Varasidhivinayagar kovil | - | Sathy Taluk |
| 3. | Kadayampatti lack | - | Bhavani Taluk |
| 4. | Karungalpalayam | - | Erode Taluk |
- Cauvery River

The following materials are available with fire and rescue Services department at Erode and Gobichettipalayam, Sathyamangalam, Bhavani.

16.6. Details of equipments in Fire and Rescue service station

Erode Division

Sl. No.	Stations	Boat	Power saw	Life buoy	Life jacket	Rope	Generator	Hydraulic cutter
1	Erode	1	2	123	20	5	6	2
2	Gobichettipalayam	--	1		15	16	--	--
3	Sathiyamangalam	1	1		15	6	3	--
4	Bhavani	1	2		15	27	--	--
5	Kodumudi	1	1		15	8	--	--
6	Anthiyur	1	2		10	7	--	--
7	Perundurair	--	1		15	7	--	--
8	Modakkurichi	--	1		10	--	--	--
9	Hasanur	--	1		2	5	--	--
10	Nambiyur	--	1	--	5	--	--	--
11	Thalavadi	--	1	--	5	--	--	--
12	Corporation,Erode	--	2	--	--	--	--	--
13	AD Panchayath	--	5	--	--	---	--	--
14	AD Town Panchayath	--	41	--	--	--	--	--
	TOTAL	5	62	123	127	81	9	2

IN BRIEF:

- | | | |
|-----------------------|---|-----|
| Total boats available | - | 5 |
| Total power saw | - | 62 |
| Total life buoys | - | 123 |
| Total life jackets | - | 127 |
| Total ropes | - | 81 |

Generator	-	9
Hydraulic Cutter	-	2

16.7. Vehicle and pump details in Fire and Rescue Service Station :

Erode Division :

S. No	Divisional office/station	Type of vehicle	Vehicle Regis. No
1	Divisional office	Bolero Jeep	TN01 G9221
2	Erode	Water tender	TN66 G1045
		Water tender (special vehicle)	TN66 G0612
		Water tender	TN38 G0706
		Water tender	TN66 G0232
		Bike	TN01 G5627
		Water Mist	TN 33 G0739
		High Capacity Portable Pump	Supajet 1300 range 1300 LPm (New Zealand) Kohlier
		Motor Cycle	TN33 Go866
3	Gobichettipalayam	Water tender	TN38 G0741
4	Sathiyamangalam	Water tender	TN38 G0825
		Vadiya pump	9939874
5	Bhavani	Water tender	TN66 G0459
6	Kodumudi	Water tender	TN38 G0726
		Vadiya pump	9939812
7	Anthiyur	Water tender	TN38 G0824
8	Perundurai	Water tender	TN66 G0965
		Water mist	TN01 G8643
9	Hasanoor	Water tender	TN66 G0372
10	Modakkurichi	Water tender	TN66 G0414
11	Chennimalai	Water tender	TN66 G0945
12	Nambiyur	Water tender	TN66 G1095

16.8. Rural Development Department:

District Rural Development Agency can supplement other agencies in creation of roads, footpaths, small Water Resource, community halls etc.

Assistant Director, Panchayat has been instructed to educate and co-ordinate the elected local body representatives to involve themselves during emergencies. AD (Panchayat) has to ensure basic amenities in the villages through Block Development Officers and Panchayat presidents ensure contingency plan at village level.

They have to ensure safe drinking water, hygiene and sanitation in flood affected areas. Along with health department urban local body officials have to take adequate precautionary measures to prevent the outbreak of epidemic diseases. They have to update evacuation plan and evict the encroachments in water bodies, to inspect drains/link drains and ensure safe outflow of surplus runoff water.

16.9. Urban local bodies

All the urban local body officials have been instructed to update contingency plan. They have to identify the place for storage of essential commodities, relief centres.

They have to ensure safe drinking water, hygiene and sanitation in flood affected areas. Along with health department urban local body officials have to take adequate precautionary measures to prevent the outbreak of epidemic diseases. They have to update evacuation plan and evict the encroachments in water bodies, to inspect drains/link drains and ensure safe outflow of surplus runoff water.

16.10. Public Works Department

PWD has been instructed to issue advance notification on the release of water to District administration to facilitate timely evacuation and to ensure the adequate number of sandbags to plug the breaches. They have to remove encroachments in water bodies, desilt the water reservoirs and to strengthen the embankments along rivers, ordain etc.,

Sl. No.	District	Total No of location of stock yards (Nos.)	Empty Cement Bags (Nos.)	Sand Bags (Nos.)	Sand Cubic metre	Casurina poles metre
1	2	3	4	5	6	7
1	Erode	22	12650	4639	228.98M3	1650

16.11. Public Works Department (Buildings)

- ❖ To clear roads, replace collapsed bridges by temporary bridging equipment or making temporary arrangements
- ❖ Providing engineering support to Search & Rescue Teams (SRT)
- ❖ Providing support in terms of heavy equipments i.e., Earth Movers, Bulldozers, etc.

16.12. Advance Preparedness:-

- ❖ Formation of teams & delegation of areas of operation
- ❖ Skill up-gradation trainings for the officers and supporting staff
- ❖ Inspect all roads, bridges, including under water inspection of foundations and piers. A full check should be made on all concrete and steel work
- ❖ Equipment/machines etc., to be upgraded & maintained in working condition; procurement of tent equipment's
- ❖ Emergency fuel stored, vehicles including batteries inspected & maintained in working condition
- ❖ Heavy equipments, such as front-end loaders, should be moved to areas likely to be damaged and secured in a safe place
- ❖ Listing of safe alternative routes
- ❖ Important telephone/contact details to be made available
- ❖ Keeping close contact with the Administration
- ❖ Generate awareness on community level preparedness
- ❖ During/Post - Disaster Management:-
- ❖ Establish linkages with State/District Control Rooms
- ❖ Close contact with the Administration
- ❖ Requisition of vehicles, debris cleaning equipment's etc., as per the pre-contract with the suppliers.
- ❖ Deploy teams with necessary equipment, such as towing vehicles, earth moving equipment, cranes etc., as planned, and establish communication links
- ❖ Adequate road signs should be installed to guide and assist the drivers
- ❖ Recruit casual labourers to work with experienced staff and divide them into work gangs
- ❖ Assist fire brigade/police personnel in rescue & evacuation by clearing debris
- ❖ Undertake cleaning of ditches, grass cutting, the burning or removal of debris and the cutting of dangerous trees along the road side in the affected areas
- ❖ Repair/reconstruction of public utilities and buildings.

- ❖ They have to keep ready pre-relief centres and to campout repair works if any to keep if fit for accommodating evacuees.
- ❖ If people are evacuating an area, the evacuation routes should be checked and people assisted
- ❖ Assist the administration in setting up transit and relief camps, feeding centres, hospitals
- ❖ Regular reporting to higher authorities about the situation including expenditure statements etc
- ❖ In the post operation phase, sit with the teams, review the situation, discuss problems and suggest remedies, collect feedback etc., to upgrade mitigation as well as action plans
- ❖ They have to inspect the relief centres and to carry out repair works if any to keep it fit for accommodating evacuees.

16.13. Highways Department

Highways department has been instructed to keep adequate number of bulldozers, Power saws in good condition. They are also instructed to maintain private contractors to carryout repair works. They should maintain alternate emergency route list with map.

Designation	Entrustment	
Divisional Engineer, (Highways) Construction and Maintenance, Erode-2.	1	Arrangements made to complete the pending works in carrying out the repairs to bridges and roads particularly in low lying areas and affected during and previous occasions.
	2	Carrying out of repairs to Government Buildings incharge of the (H) C& M Department.
	3	Enlisting of saw-men to clear out the traffic blocks and to mobilize them to the spot at short notice, if the necessity arises.
	4	Arrangements made to keep sand filled gunny bags so that they can be used at times of need.
	5	The field officers have been instructed to arrange required JCB & Dozers to provide wherever it necessary.
	6	The Assistant Divisional Engineers are instructed to keep the department vehicles with crew in good condition.
	7	List of contractors with contact no has been since enclosed.
	8	The gang mazdoors and The Road Inspectors are kept ready to entrusted cyclone duty.

16.14. Civil Supplies Department

- ❖ To meet the shortage of supply of food, baby food, P.O.L., S.K.O., L.P.G
- ❖ Action against black marketers, hoarders, etc
- ❖ Advance Preparedness:-
- ❖ Identify hazard prone zones. Formation of teams & delegation of areas of operation
- ❖ Determine the quantity & type of supplies required in a disaster (e.g. dry food, ready to eat food, essential commodities, SKO, LPG, POL, toiletries, blankets etc.) & tie up with suppliers
- ❖ Identify storage facilities, location & capacity wise
- ❖ Maintain a list of suppliers of different commodities in the State

16.15. During/Post Disaster Management:-

- ❖ Arrange and dispatch supplies to affected areas as per the requisition
- ❖ Arrange distribution of commodities to the affected people
- ❖ Take action against black marketers, hoarders etc. and maintain price line.
- ❖ In the post operation phase, sit with the teams, review the situation, discuss problems, and suggest remedies, collect feedback etc., to upgrade mitigation as well as action plans.

District Supply officer has to ensure adequate quantity of essential commodities like rice, sugar, kerosene available to meet emergency situations. District Supply officer also has to ensure adequate number of gunny bags. Regional Manager TNCSC, LPG dealers are instructed to provide timely delivery of commodities.

In Erode District there are five go-downs belonging to Tamilnadu Civil supplies Corporation Ltd., Details of the go-downs are as follows

16.16. Statement showing the details Storage Points and Godown of Tamil Nadu Civil Supplies Corporation:

Name of Taluk	Storage Points
Erode	T.N.C.S.C. Ltd., Erode
Perundurai	T.N.C.S.C. Ltd., Perundurai
Gobi	T.N.C.S.C. Ltd., Gobi
Sathyamangalam	T.N.C.S.C. Ltd., Sathyamangalam
Bhavani	T.N.C.S.C. Ltd., Bhavani
Senathipalayam	T.N.C.S.C. Ltd., Senapathipalayam Erode

16.17. Agriculture Department

River Cauvery is the major river in Tamilnadu. The Cauvery water is stored in Mettur Dam and then released for irrigation in Erode District.

Control rooms in all the ADA's Office will be opened and duty officers will be appointed in all the days including Sundays, and complaints received from farmers will be recorded and appropriate action will be taken then and there. Reports on daily basis will be sent to District Collector and Commissioner of Agriculture.

If heavy rain or flood occurred village level teams consisting of VAOs, AOs and assessment of crop submerged, damaged etc. will be prepared.

The list of farmers whose crops damaged 50% and above will be prepared and duly inspected and certified by the officers authorized for the purpose, and will be submitted to District Collector for sanction of compensation.

16.18. TANGEDCO: Tamilnadu Electricity Generation and Distribution Corporation

TANGEDCO have to inspect the high tension lines, towers, transformers, insulators, poles and other instruments. For rescue work at the time of emergency, the special teams have been constituted, through which we can avoid human loss due to electrocution. They have to ensure uninterrupted power supply to relief centres, hospitals, control room, relief material godown at the time of disaster

16.19. Medical and Public Health Department:

A health team consisting of the Medical Officer/Doctor four para medical staff and a vehicle has been constituted for a population of 10,000 by the Deputy Director of Health Services, Erode. The mobile medical team of the Primary Health Centre has been proposed to be diverted to assist the Team. The function of the team will be as follows:

1.	Improvement of Environmental Sanitation
2.	Chlorination of drinking water sources
3.	Avoiding pollution of drinking water sources
4.	Fly and mosquito control

The Deputy Director of Health Services has to secure the medicines well in advance and store them in the PHC, by contacting the Director of Preventive Medicines. Besides, the above arrangement, each Panchayat Union Commissioner will also purchase and have the drugs recommended by the Deputy Director of Health Services, Erode. The P.A to the Collector (P&D) will get into touch with the Deputy Director of Health Services and arrange the medicines purchased and reservein store before the setting of monsoon. The Deputy Director of Health

Services has to fix one officer responsible for each zone. He has also to furnish details of health teams formed by him for rural area. The list of medical zonal officers one as furnished by the Deputy Director of Health Services, Erode are to be shown in the zone (Firka) Plan. The Deputy Director of Health Services, Erode will communicate extract from the team list to the concerned Revenue Divisional Officers and P.A. (PD) to collector who in turn will furnish extracts to the Revenue and Development staff on duty.

16.20. Health Hazards Relating To Flood And Their Management Strategies :

Due to Flood and Cyclone Vector Borne Diseases and Water Borne disease may occur.

16.21. Vector Borne Disease

There are chances of Dengue, Chikungunya and Malaria cases in this District. So the following precautionary measures have been taken to tackle the situation.

16.22. Source Reduction and Anti-Larval Work

Each PHC area Unit is divided into 6 days Blocks and fixed Tour Programmes has been prepared for source reduction work and Larvicidal application. For Adult Mosquito Control, every block has been provided with pulse fog machine, Insecticide and fund for fuel. For the supervision of above activities, MO / BHS /DMO have been fixed responsibilities for both Urban and Rural areas in Erode HUD.

16.23. Water Borne Diseases

Diseases like, ADD, Typhoid and Viral Hepatitis may occur during the floods. For safe water supply, chlorination of water sources is necessary Bleaching Powder, Chlorine Tablet, have been supplied to all PHCs and the available residual chlorine is monitored by Health Inspectors. For Pot Chlorination of drinking water, chloramine tablets have been supplied to the PHCs.

16.24. Zoonatic Diseases

There is a chance of getting Leptopriosis cases during monsoon. Instructions are given to Local bodies to maintain proper chlorination and waste water management.

16.25. IEC Activities:

IEC activities for Vector Borne Water Borne disease and Zoonatic Diseases are carried out in the school Health Camps, Village Health Water Sanitation Committee meetings, Self Help Group Meeting etc. A massive Mosquito Reduction campaign is proposed to be conduct in the 3 rd week of October and planned to involve, Elected Representatives, Other Govt. Departmental, Local Bodies, Self Help Group members, Volunteers, School Children etc.

16.26. Medical Care for Flood Victims:

Medical care will be provided by Medical Team of Block and PHC. If there is any need for additional requirement of Man power/Drug/Material, will be supplied from the Office of the Deputy Director of Health Services, Erode. More ever, adequate Medicines are supplied to PHCs and HSCs to tackle the immediate problems.

16.27. Disease Surveillance and Reporting

All Field Health staff will be put into Disease Surveillance activities. All the Private Nursing Homes will be kept under surveillance of Health Inspector. All Govt. Hospitals will be kept under surveillance of Health Inspectors and BHS / P.A/ Assistants. Further Surveillance system is geared up to the report any abnormal occurrences to the office of the Deputy Director of Health Services, Erode. EDSIS is regularly monitored by District Malaria Officer and prompt action taken

16.28. Preparations as Per Section 53 OF PH ACT 1939

16.28.1. Man Power :

A letter communicated to Municipal Commissioners, Assistant Director (Panchayat), Assistant Director (Town Panchayat), to maintain proper chlorination and sanitation work with adequate man power.

16.28.2. Medicines :

Now all the required medicines have been kept in all PHCs.

16.28.3. Insecticides / Larvicides:

All the PHCs have kept with necessary insecticides/larvicides like, Temephos, and Pyrethrum. Sufficient Insecticide / Larvicide stock is kept in the office of the Deputy Director of Health Services.

16.28.4. Disinfectants:

Bleaching Powder, Chlorine Tablets and Phenyle have been procured and supplied to all the PHCs.

16.28.5. Monitoring and Collection of Water Samples and Sending for Analysis to Labs:

Instructions have been given to Block Health Supervisors to collect two water samples per Block per month and send it to Microbiology Department, Medical College Hospital, Covai.

Collection of water samples and sending for analysis will be carried out during the outbreak – for which water bottles are kept ready by and necessary instructions are also given for collection to concerned Health Inspector / Block Health Supervisors.

The residual Chlorine available in the drinking water sources have been monitored by the Health Inspectors and reported weekly basis under IDSP (Form 'W').

Action is being taken to procure one Chloroscope for each village through local body. In our District, Water quality is being tested Chief Water Analysis, Covai.

16.29. Health Education Activities:

Regular Health Education are being given by Block Extension Educator / Block Health Supervisors / Community Health Nurse and other field staff. Self Help Group meetings, School Health Programmes and also Pamphlets / Hand bills are being printed and distributed to public for awareness. Gross root field staffs are involved in Inter Personal communication activities to impart Health education and Personal Hygiene, Sanitation, safe water and health seeking behavior.

16.30. Animal Husbandry Department:

16.30.1. Care of Animals.

All the veterinary dispensaries in the District are ordered to be indicated as Camp Shelters. Wherever the dispensary is not able to accommodate the cattle, temporary shed shall be put up by the Divisional or Taluk Emergency relief officers. The Taluk emergency relief officer shall arrange for evacuation of the cattle also wherever necessary and provide shelter in the dispensaries nearby. The Regional Joint Director of Animal Husbandry will issue instruction to all his subordinate staff to be available throughout the seasons and provide necessary assistance. Location of safety points and vulnerable points is to be incorporated in the zone plan.

16.30.2. Disposal of the Corpses.

The following guidelines are issued for observance in the disposal of such dead animals.

i.	The dead animal should be buried by digging pits in sizes detailed in the annexure to G.O.411.RD.P1 dated 23.05.1986 far away from the habitations.
ii.	The carcasses of big animals and small animals should be buried in any one of the sizes of the pits suitable for them.
iii.	The pit should be initially filled up with lime-stone to a depth of 6' and then the dead animal should be buried with filling material like mud and earth.
iv.	The sanitary inspector of the Health Inspector/Executive Officer, Town Panchayat, or the Extension Officer (Panchayats or rural Welfare officer concerned shall be made responsible to certify that the disposal have been properly done
v.	Transport cost of the animal should not exceed Rs.20/-(Twenty) in respect of big animal and Rs.5/-(Five) in respect of small animals.
vi.	The expenditure should be restricted to the rates fixed and should not exceed the limits.

vii.	The Executive Officer of the Town Panchayats should also adopt the above procedure.
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The expenditure should initially be met from the general funds of the panchayat union concerned and got reimbursed from the funds allotted by Government for Natural Calamities.

16.31. Transport Department

- ❖ Arrangement of transport for reaching supplies to affected areas, Transport for evacuation of people and Transport of medical teams
- ❖ Identify hazard prone zones. Formation of teams & delegation of areas of operation
- ❖ Plan for emergency accommodation for officers & staff from outside areas
- ❖ Emergency fuel stored, vehicles including batteries inspected & maintained in working condition
- ❖ Listing alternative safe routes
- ❖ Pre-contract with suppliers
- ❖ Assessment of the likely requirement in the event of a disaster
- ❖ Information about various classes/types of vehicles available, location-wise
- ❖ Keep vehicle requisition forms ready in sufficient numbers.

16.31.1. During/Post - Disaster Management:-

- ❖ Get in touch with State/District Control Rooms
- ❖ Ascertain the actual requirement from District Control Room, Supplies Dept., Housing Dept, and Medical Department
- ❖ Arrange vehicles for evacuation, maintenance of supplies and medical aid etc.
- ❖ Regular reporting to higher authorities about the situation including expenditure statements etc
- ❖ In the post operation phase, sit with the teams, review the situation, discuss problems, suggest remedies, collect feedback etc., to upgrade mitigation as well as action plans

Regional Transport officers have check all line department vehicles is Advance and to ensure good condition of the vehicles for use at the time of emergency.

16.32. Fisheries Department:

Role and action plan of Department of fisheries

- 1) At the time of flood, and according to the warning received from the collectorate, the fishermen will be instructed not to go for fishing

- 2) After receiving the flood warning, it would be communicated to the fishermen, in advance, through the Fishermen cooperative societies
- 3) Any damage occurred to the craft (Coracle) and gear (fishing nets) will be assessed soon and submitted to the District Collector, Erode.

16.33.1. Action Point for Flood Preparedness

1. Have you identified that flood prone blocks, Taluks and Villages?
2. Is there a responsible officer in charge of relief and anti-disaster operations? Is he familiar with the field conditions of the flood-prone areas? Is there clear division of responsibility for flood relief among the officers and staff? Is the contingency plan updated?
3. Is there an operations control centre? Is there a roaster of duties to man it round the clock? Do higher level officers know the number of the control rooms?
4. Is log-book maintained to keep data about rise or fall of flood waters at regular intervals of the river which are likely to go into spate?
5. How is the flood warning communicated down the line? Are there adequate arrangements for publicity through mike sets, in the flood prone sub divisions and blocks to issue the warning?
6. Are the home guards trained in disaster preparedness? How are they kept in readiness for being mobilised at short notice?
7. Has the flood drill been conducted?
8. Are all the flood prone blocks connected with the telephones and all flood prone police stations provided with wireless sets in good conditions?
9. Who is responsible for disseminating the flood warning at the village level? Have the village administrative officers been given the responsibility? Are panchayat radios and Televisions in good condition?
10. Have the consumers co-operative societies been requested to keep in readiness stock of aforesaid articles at the branch and primaries level?
 - ✓ Has a meeting of the local Manager / Managing Director of the District transport Corporation with Revenue Divisional Officers / Collectors been called to ensure and clarify in methods requisitioning and supply of vehicles for evacuating flood victims and movement of relief goods?
 - ✓ Have people staying in low lying areas encroachments or otherwise which are inundated in every flood been alerted first about the flood warning system? Are Collector / Revenue

Divisional Officers searching for alternative sites which can be allotted to such families to shift their dwelling to safer location?

- ✓ Marconable area and storage points.
 - ✓ Have the villages that usually remain marooned for a long time been identified? Is there a storage point in the village for food and fuel?
 - ✓ Have officers in-charge of relief and the Superintendent of Police inspected the District / sub divisional relief stores after the occurrence of the lost floods?
 - ✓ In particular have they checked the availability of tents, tarpaulin, and other materials for providing temporary shelters.
 - ✓ Mobile water tankers, Canvas water tanks, drums and Jerry cans for transporting drinking water buckets.
 - ✓ Bandbags for repairs to flood protection embankments.
11. Basic field sanitary engineering equipment. Are diesel generation available listed checked if in good condition and operating staff identified.
 12. Do Co-operative Stock points in the area have enough stocks of Janata sarees and dhoties?
 13. Have the Joint Director of Medical and Deputy Director of Health Services checked the stock of essential medicines, vaccines, disinfectants, first aid kits at the District Sub Divisional Medical Stores and kept the primary health centres in flood prone areas well supplied with the following:
 - ✓ Disinfectants such as bleaching powders, liquithlorine, Clorine, water purifying tablets, pheny / cresol for supply safe and potable drinking water.
 - ✓ Essential medicines for mobile teams and dispensaries in the evacuees camps such as antidiarrohials, anti-hiostics and anti-malarial drugs, anti-pyretic, analgesics and anti-allergic drugs, cholorosel, I.G. fluids, pediatric formulations for treatment of gastro internal and respiratory infections in children.
 - ✓ First aid kits containing splints (including Thomas splints) Tourniquets, dressing and assorted bandages anti-septic cream scissors / safety pins etc.,
 14. Have flood shelters (Schools, Community centres etc.,) been identified? are these pucca buildings situated on raised ground beyond the reach

- of normal level of good water? What steps have been taken to make people aware of these shelters?
15. Are these shelters easily accessible? Do the buildings have adequate in and around them for storage of fodder and for keeping cattle?
 16. Are the shelters provided with sources of drinking water if so, what action is being taken to locate water sources tube wells and wells near the shelters on priority basis?
 17. What are the sanitary arrangements for these evacuation camps? Have the local officers incharge of these evacuation camps told to provide the following :
 - ✓ Deep trench latrines.
 - ✓ Temporary urinals with soak pits.
 18. Has the Officer in-charge of Civil Supplies ensured that dealers keep sufficient stocks of essential articles like pulses edible oils salt Kerosene coal milk powder, baby food, matches candles and lanterns before the start of flood seasons.
 19. Is there some clarity in the mode of going about preparing food packets – the agency / agencies who will be entrusted with the task of supply at short notice of payment?

16.33.2. Community Preparedness:

Have the people in flood prone villages given some education in relief and rescues? Are the villagevolunteers grouped for patrolling of embankments round the clock in time of flood warning and trained to identify vulnerable places where the embankments are likely to give way?

16.33.3. Vehicles :

Are Government vehicle in good condition and are steps being taken to ensure adequate availability of propulsion fuel at the storage points?

16.34. Minimum Initial Service Package (MISP)

a) The MISP Initiative

In recent years, the global community has made great strides in developing standards for addressing the needs of populations in humanitarian settings. Many of these standards and recent guidelines such as the Sphere Humanitarian Charter and Minimum Standards in Disaster Response incorporate Sexual and Reproductive Health (SRH). While there is progress in the global mandate, not much progress has been made in fully implementing SRH services in the countries during humanitarian situations.

In response to the increased vulnerability of populations affected by disasters, the international community designed a package of priority SRH activities to be put in place during a disaster: Minimum Initial Service Package (MISP).

The MISP for Reproductive Health is a set of priority activities to be implemented at the beginning of the humanitarian response. MISP consists of life saving interventions and is designed to reduce morbidity and mortality, particularly among women and girls.

Although the name might imply that MISP is a package of supplies or commodities, it is actually a strategy, that includes coordination, SRH services (of which reproductive health commodities are an essential part) and planning.

The acronym "MISP" means:

- ❖ **M**inimum Basic, limited SRH services
- ❖ **I**nitial for use in a disaster, without site specific in-depth SRH needs assessment
- ❖ **S**ervices Reproductive health care for population
- ❖ **P**ackage Coordination and planning, supplies and activities

b) Need for MISP – Minimum Initial Service Package

MISP for SRH saves lives, if implemented at the onset of a disaster. Neglecting Sexual and Reproductive health in disasters has serious consequences:

- Preventable maternal and infant deaths
- Unwanted pregnancies and subsequent unsafe abortions
- Spread of sexually transmitted infections including Human Immuno deficiency Virus (HIV) / Acquired Immune Deficiency Syndrome (AIDS)

MISP for Sexual and Reproductive Health is a coordinated set of priority activities designed to:

- Prevent and manage consequences for sexual violence
- Prevent excess neo-natal and maternal morbidity and mortality, including FP and safe abortion
- Address the needs of adolescents
- Reduce HIV transmission
- Plan for comprehensive SRH services in the early days and weeks of a disaster.

MISP also includes a kit of equipment and supplies to complement a set of priority activities that must be implemented in the early days and weeks of a disaster in a coordinated manner by trained staff. Thus, it is a cluster of Reproductive Health services to meet the minimum requirements in a disaster situation with the

expectation that comprehensive services will be provided as soon as the situation permits. MISP can be implemented without a "Needs Assessment", since documented evidence already justifies its use.

MISP was developed by Inter-Agency Working Group (IAWG) on Reproductive Health and countries are expected to include MISP as an integral component of their Preparedness Plans.

UNFPA globally has been collaborating with partners since 2007 on integrating Reproductive Health Programmes in Disasters and Post Disaster, with the goal to increase access and information on SRH to populations surviving disasters and living in post disaster situations, by enhancing capacity building on SRH coordination, advocacy and service provision efforts. Experience has shown that inter-agency coordination is crucial for advocacy to policy makers, capacity building of key institutions, policy change and service implementation.

c) Goal of MISP

The goal of MISP is to reduce mortality, morbidity and disability among populations affected by disasters, particularly women and girls.

d) Objectives of MISP

- To identify organizations and individuals to facilitate the coordination and implementation of MISP.
- Prevent and manage the consequences of sexual violence by:
 - ✓ Ensuring systems are in place to protect affected population, particularly women and adolescent girls from sexual violence
 - ✓ Ensure medical services, including psycho-social support are available for survivors of sexual violence
- Reduce HIV transmission by:
 - ✓ Enforcing respect for universal precautions against HIV/AIDS
 - ✓ Guaranteeing the availability of free condoms
 - ✓ Safe blood transfusion
- Prevent excess maternal and neo-natal mortality and morbidity by:
 - ✓ Providing clean delivery kits for use by mothers or birth attendants to promote clean home deliveries.
 - ✓ Providing midwife delivery kits to facilitate clean and safe deliveries at the health facility
 - ✓ Initiating the establishment of a referral system to manage obstetric emergencies

- Plan for provision of comprehensive SRH services and integrate into PHC as the situation permits by:
 - ✓ Collecting basic background information
 - ✓ Identifying sites for future delivery of comprehensive SRH services
 - ✓ Assessing staff and identifying training protocols
 - ✓ Identifying procurement channels and assessing monthly drug consumption.

e) Scope of MISP in India

Reproductive health interventions for community affected by natural disasters require special knowledge and skills. Displaced women and young girls experience elevated risks from pregnancy, childbirth, rape and escalated spread of HIV/AIDS and other health problems.

Studies have also reported adverse reproductive health outcomes following disasters, including early pregnancy loss, premature delivery, still births and delivery-related complications. Women and girls also often confront discrimination and gender based violence in the aftermath of disasters. Pregnant and lactating women may not have access to necessary health care and food supplements.

The MISP programme is significant as it would enable India to have trainers who could roll out state and District training programmes, advocate for the inclusion of SRH in state and District disaster management plans and health plans and work to integrate and implement Reproductive Health services as a standard in disaster response.

To build the technical capacity in humanitarian response, United Nations Population Fund (UNFPA) in partnership with National Disaster Management Authority (NDMA) is providing technical assistance to integrate MISP in humanitarian settings.

A mechanism of UNFPA supported training programmes will be made sustainable through Government supported training and by accrediting Government officials in facilitating the programmes. These trainings would lead to trained MISP professionals – Master Trainers, as well as, help in responding to SRH needs during disasters, in coordination with other key agencies. The Master Trainers will then carry out state and District level training.

The overall goal of the MISP Initiative can be achieved by increasing access to SRH information and services for persons affected by disaster. The MISP initiative aims to achieve its goal through achieving a set of objectives, together with its partners. This includes:

- Increasing state and District capacity to implement the MISP for SRH during disaster
- Data bank of trainers/trainings
- Strengthening coordination of SRH stakeholders and activities
- Responding in a timely and effective manner to SRH needs in disaster
- Enhancing access to comprehensive SRH information and services for affected populations
- Integrating MISP in state and District disaster management plans and health plans.

f) Preparedness activities can include:

I. Coordination:

- a) Raising awareness of partners in health and other sectors and working with them to ensure preparedness (i.e. talk to the partners responsible for water and sanitation, to ensure that they consider prevention of SGBV in their activities, etc.).
- b) Ordering supplies to ensure the implementation of all components of the MISP, or making arrangements to order supplies as soon as the disaster hits.
- c) Finding safe storage space (that will not be affected by the disaster) and managing supplies with expiry dates.
- d) Making clear arrangements with partners on ultimate destination and in-country transport of supplies.
- e) Developing or adapting protocols and IEC materials.
- f) Translation, printing and safe storage of materials.
- g) Setting up a core coordination group (at national/state/District level) and structures.
- h) Collecting SRH data on the affected population: population size, women of reproductive age, men of reproductive age, adolescents (boys/girls), crude birth rate, ANC coverage, age-specific mortality rate, sex-specific mortality rate, lactating women, STI and HIV prevalence, CPR, FP method mix, etc.
- i) Identifying national health (SRH) response mechanism.

II. Build national capacity to implement the MISP for SRH in disaster:

- a) Conducting MISP training and identifying lead facilitators and co-facilitators.
- b) Identifying potential agencies/organizations in country to participate.
- c) Identify specific training needs to strengthen implementation of MISP components.

- d) Arranging for logistics such as invitations, transportation, venue, material for workshop, etc.
- e) Follow-up with agencies and organisations after the training.

III. Prevention and management of the consequences of sexual violence:

a) Prevention

- a) Careful site planning of displacement camps, in consultation with persons of concern, especially women.
- b) Ensuring female staff members are included in registration, security, food distribution, other sections, etc.,
- c) Setting up latrines, hygiene and water points to be accessible and safe and have proper lighting.
- d) Ensuring house-hold fuel collection methods are safe.
- e) Ensuring that displaced women have individual registration cards, food ration cards etc.
- f) Identifying persons/groups with special needs who could be at a higher risk for sexual violence such as female headed households, unaccompanied and separated children, women at risk, single women, persons living with disabilities, elderly etc. and determining their special protection and assistance needs.
- g) Ensuring confidentiality and impartiality in access to services (non-judgmental).

b) Response

- h) h. Identifying lead agency and partners to set up Standard Operating Procedures (SOPs) or protocols with partners and agencies for identification, response and referral of sexual violence survivors for the necessary assistance (agreeing on definition of concepts, reporting formats, referrals etc.).
- i) Ensuring that survivors of sexual violence have access to health services.
- j) Coordinating mechanisms for appropriate psychosocial support.
- k) Ensuring 24/7 access to services, private consultation spaces, and conditions and reporting mechanisms obliging staff to maintain confidentiality.
- l) Ensuring physical safety of survivors.
- m) Appointing staff trained on SV prevention and response mechanisms.

IV. Reducing maternal and newborn mortality and morbidity:

- a) Distributing clean delivery Kits.
- b) Making sure that midwifery Kits are available at health centers.
- c) Appointing skilled staff.
- d) Provide for safe abortion care facilities.

- e) Include the needs of adolescent population.
- f) Make provision for FP services.
- g) Establishing a functioning obstetric emergency referral system.

V. Reducing transmission of HIV and other STIs:

- a) Ensuring condoms are available and accessible.
- b) Ensuring staff will comply with standard precautions and have easy access to protocols.
- c) Ensuring blood transfusion is rational and safe (protocols, rapid HIV and other screening tests).
- d) Appointing health workers who can effectively apply standard precautions.

VI. Plan for provision of comprehensive SRH services:

- a) Collecting SRH data (segregated by age and sex): SRH mortality, HIV/STI prevalence, contraceptive prevalence, etc.
- b) Identifying appropriate sites for future delivery of comprehensive SRH services.
- c) Identifying training needs on technical, cultural, ethical religious and legal aspects of SRH and gender awareness.
- d) Putting in place a logistics management information system for equipment/supplies for comprehensive SRH services.

17.35. Emergency Operations Centres:

EOC is an offsite facility which functions from the District/ Block headquarters. It includes the space, facilities and protection necessary for communication, collaboration, coordination and emergency information management. It is a combination of various line departments of Government and other agencies whose services are generally required during incident response

ACTIVATION OF EOC

The EOC is a nodal point for the overall coordination and control of relief work. In case of an L1 Disaster the DEOC will be activated, in case of an L2 disaster DEOC will be activated along with the Block Emergency Operation Centres. Working of EOC can further be understood by following states:

- 1) Normally - When fullactivation of the EOC is not warranted

2) Emergency Alerts- When the EOC is brought into full or partial activation to preemptively reduce the impact of impending incidents and respond to the impact of the incident when it transpires.

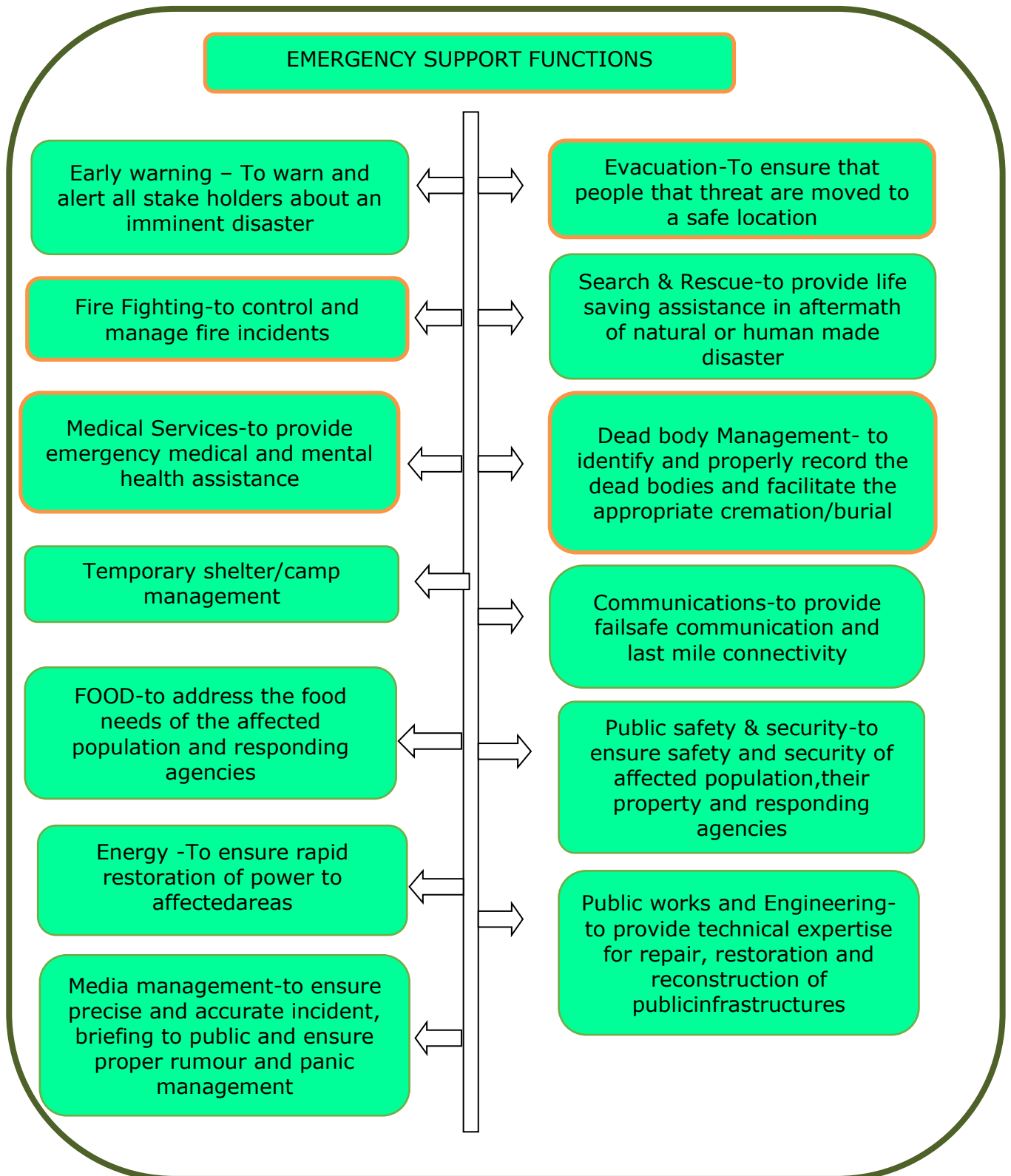
3) Emergency – When an incident occurs with or without prior warning requiring full activation of the EOC in response to the incident

Functions of EOC

- Receive, monitor, and assess disaster information
- Monitor, assess, and track response units and resource requests
- Manage resource deployment for optimal usage
- Make policy decisions and proclaim local emergencies as needed
- Provide direction and management for EOC operations through set priorities and establish strategies
- Coordinate operations of all responding units, including law enforcement, fire, medical, logistics etc
- Augment comprehensive emergency communication from EOC to any field operation when needed or appropriate
- Maintain EOC security and access control
- Keep senior, subordinate and tenant officials informed
- Keep local jurisdictions (Village/town and District) informed
- Operate a message center to log and post all key disaster information
- Develop and disseminate public information warnings and instructions.

Emergency Support Functions

Emergency Support Functions (ESF) are critical services which are performed during disaster time to minimize life loss and address various issues disaster situation and also extends up to post disaster period. Emergency Support Functions (ESF) are critical services which are performed during disaster time to minimize life loss and address various issues disaster situation and also extends up to post disaster period.



Relief

Detailed Damage and Need Assessment

While a preliminary damage assessment is carried out during disaster phase, a detailed assessment must be conducted before commencing reconstruction and rehabilitation activities.

The primary objective of any post-disaster damage assessment and need analysis is to provide a clear, concise picture of post disaster situation, to identify sector and to develop strategies for rehabilitation, reconstruction and recovery damagecaused to different sectors sector and to develop strategies for rehabilitation, reconstruction and recovery.

Reconstruction Strategy

Depending on the type of damage and population affected, following measures can be initiated as comprehensive recovery strategy. While the short term reconstruction strategy includes repair, restoration and strengthening of affected structures, long term strategy includes reconstruction and relocation.

1. Repair and Restoration
2. Reconstruction

Build Back Better

Reconstruction post disaster also gives an opportunity to build back better. The new construction post disaster should comply of all safety norms, guidelines and building codes. The design of these buildings should be disaster resilient as per the hazard profile of the state.

Relocation

The local authorities, in consultation with the people affected and under the guidance DDMA, shall determine relocation needs taking into account criteria relevant to the nature of the calamity and the extent of damage. Relocation efforts will include activities like

Rehabilitation

Socio - Economic rehabilitation

Socio-economic rehabilitation is aimed at revamping the social and economic fabric to the pre-disaster or a better situation ,Care should also be taken to address the needs of various socially and economically vulnerable groups like that of women, adolescent girls, old age persons, differently able persons, children, destitute, below poverty line population

Psychological rehabilitation

Disasters often lead to long time stress and trauma due to loss of near and dear ones, injuries, loss of limbs, loss of housing and related property, trauma generated by facing the disaster and fearful sites, fear of repetition of the disaster, etc. If not addressed appropriately, it may lead to lifelong psychological fear and disorders, thus it is necessary to provide psycho-socialfirst and psychological care to the affected population.

Environmental Rehabilitation

Environmental impacts of natural disasters can result in serious risk to life and livelihoods if not addressed. Environmental emergencies like uncontrolled, unplanned or accidental release of a substance into the environment not only impact human life in many ways but also damage environment to great extent which may be impossible or may take years to restore to original. Proper efforts must be taken to address the environmental issues in consultation with the concerned departments.

16.36. Relief And Rescue Operation

Crisis period

If the low lying areas are likely to be inundated and if it is felt that the people living in the affected parts should be evacuated to safer places, the RDOs should take immediate steps in the manner already prescribed and arrange to evacuate the people to safer places (i.e.) to the shelter homes already identified by them . If the people residing in the low lying areas resist evacuation, they should be forced to evacuate. A list of school buildings that can be used as temporary shelters and a list of Community Hall and marriage halls are furnished in Hand Book. While no hard and fast rules can be formulated as to the nature of inundation and distress which warrants the evacuation of people to safer places, it should be borne in mind that people living in the low lying area should not be allowed to suffer and a conscious decisions should be taken after visiting the places of inundation. The RDOs should consult the Collector (over phone) and take a decision then and there. The number of evacuated families / persons with details of men, women and children should be enumerated and recorded and report sent to the Collector daily. The capacity of shelter homes should be assessed and maximum number of people should be accommodated accordingly. The availability of equipment and stores should also be ensured, viz.

1.	Lighting facility
2.	Drinking water facility
3.	Sanitary Arrangements
4.	Cooking arrangements
5.	Storing of relief materials
6.	Medical Arrangements

The RDOs are primarily responsible for sending reports to the Collector in the following format given.

EVACUATION AND HOUSING PLAN (Quantified)

Name of the Village						
Name of the Shelter home in which they have to be housed for						
<u>Capacity of shelter homes</u>						
1.No of families						
2. No of persons	Adult	Male	Female			
			Expected Mothers	Nursing Mothers	Mothers	
Equipments and storage available in the home						
1.Cattamarams or fleets						
2. Lighting facilities (Generator / Petromax/ Lanterns)						
3.Drinking water facilities (Over head tank / Pump / barrels						
4.Sanitary arrangements						
5. Cooking arrangements				Storing of relief materials		
				Rice and other Grocery		
6. No of cattle evacuated				i)Sheltered at pounds / Veterinary Dispensaries etc.		
				ii) Lost (mention the variety of cattle cows / Oxen / Goats etc)		
7. Record of missing and deceased victims						
8. Action taken to search the missing and to assist the bereaved family (vide GO Ms No.245 Revenue Dt 25-02-85)						
9. Group Officer in charge of the shelter home						
10. Zonal Officer of the area						

The injured and wounded persons due to wall collapse of houses are to be sent to the government hospitals and the Primary Health Centres by the Revenue authorities. Once the people are evacuated (under the orders of Collector or Divisional level Relief Officer which should be obtained) food packets should be supplied according to the yardstick prescribed by the Government.

If there is more number of shelter homes in the taluk, Central kitchen may be located from where, food packets could be prepared and supplied to the shelter home. The VAOs are the custodians of the vessels to be used for cooking. They should assess the availability of the cooking vessels well in advance.

The noon meal centers already in the villages, where infrastructure facilities are available may be utilized for the central kitchen. But proper thought should be given as to whether the food packets can be transported to the shelter homes from the central kitchen without any difficulty and whether lorries or vans available to

transport the food packets and a conscious decision is taken in this regard. If not, suitable steps may be taken to prepare the food packets for shelter homes separately.

Food should be supplied twice a day following the scale of ration as detailed.

S.No	Name of the food article	Quantity prescribed for 100 persons per day (two times)
1.	Rice	50 Kgs
2.	Vegetable	3 Kgs
3.	Oil	1 Kg
4.	Tamarind	2 Kgs
5.	Dhall	5 Kgs
6.	Sundry items	1 Kg
7.	Firewood	50 Kgs
8.	Salt	1 Kg

The Special Tahsildar /Taluk Supply Officer should ensure that the required food articles are drawn from the nearby Fair price shops or from the operational godowns of the TNCSC if necessary. They should also see to it that adequate quantity of kerosene is stocked for use at the time of emergency. The food packets should be supplied in orderly manner without any favour to any individual with the assistance of the police. The firka level relief officers are responsible for taking the food packets from the central kitchen to the shelter homes.

Food Articles Supply Team:

- i. Taluk Supply Officer
 - ii. Deputy BDO Noon-meal Scheme
 - iii. Co-Operative Sub Registrar
- The period of stay of the people in the shelter homes should be decided by the Divisional Zonal Officers in consultation with the Collector over phone.
 - In case of receipt of warning messages of severe cyclone, fishermen are advised by the Assistant Director of Fisheries not to venture into rivers for fishing. When the calamity occurs immediately, action is taken to cut off the power supply to avoid loss of lives. To restore traffic, the windblown trees are

- cut and removed by using power saws and cranes by the highway department. Road erosion and culvert damages are immediately attended to by the Highway Department and restored by putting sand bags and erecting casurina poles. The fallen electrical poles and telecommunication poles have to be restored within 24 hours by the TANGEDCO and telecom department by taking steps on war footing.
- Daily reports on the number of houses affected, no of persons removed to safer places, number missing or dead, number of cattle lost, the amount of cash relief paid, number of clothing distributed and the quantum of feeding arrangements made and breaches in river banks noticed and the nature of flood whether subsiding or rising and whether there is any rise in inflow of water into irrigation sources should be reported over wireless without any delay. Incorrect figures should not be reported.
 - The Tahsildars and the Executive Engineer (W.R.O) should arrange for reporting the rainfall particulars to the flood control room exactly by 6.30 AM every day. This job should be given more care and they should see that rainfall particulars are properly gathered and furnished to the Collector without fail.

MAINSTREAMING DISASTER MANAGEMENT IN DEVELOPMENT PLANS

The main disasters affecting Erode District namely Floods and Drought have been taken in to account while formulating Development Plans. The occurrence of floods/drought are the main focus while implenting the following schemes:

1) Kudimaramath of P.Mettupalayam Tank:

Due to the occurrence of flash floods at P.Mettupalayam shandi areas, it has been classified as Medium vulnerable. Kudimaramath has already been taken by the PWD and the silt deposited in the tank has been removed by nearby farmers for use them in their agricultural fields.

2) Kudimaramath of water bodies by PWD

The Public Works Department has identified 47 works during 2018-2019 under Kudimaramath at a estimated cost of Rs.7.70 Crores for desilting MI tanks, large tanks, strengthening of bunds for small tanks etc., and are at various stages of implementation. As per Government order 1709.95 Crores have been allotted for 65 works for 2019-20 and they are in progress. All the 65 works will be completed before 30.09.2019. As per Government order 1474.85 Crores have been allotted for 45 works for 2020-21 and they are in progress. All the 45 works will be completed before 17.09.2020. Every year, this scheme will be implemented with an estimated out lay of Rs.10 to 15 Crores.

3) G.O.(Ms) No.50 (Industries Department regarding desilting of Tanks)

Under G.O.No.50, 620 tanks have been identified for removal of silt by 20575 farmers and the quantum of Silt removed 40,89,283 Cu.M during year on 2017-2018 and 2019-2020 under G.O.No.50, 636 tanks have been identified for removal of silt by 1356 farmers and the quantum of silt removed 82,395 Cu.M. This scheme has increased the storage capacity of the water bodies to a great extent and it will play a great role in controlling the floods and also preventing reoccurrence of drought.

2022-2023 Gazzette Notified 57 tanks have been identified for removal of silt.

2023-2024 Gazzette Notified 192 tanks have been identified for removal of silt

4) Desilting of tanks:

21 PWD tanks, 903 supply channels administered by Local bodies have been identified for desilting during the year 2018-2019. N.G.O.s has been motivated to take up desilting work and they have been entrusted with the desilting of 32 tanks. Out of this, in respect of 21 tanks and 903 supply channels works have been completed.

10 PWD tanks, 363 supply channels administered by local bodies have been identified for desilting during the year 2019-2020. Out of this in respect of 360 tanks

and supply channels works have already been completed and remaining works are in progress.

57 supply channels administered by local bodies have been identified for desilting during the year 2022-2023

5) MGNREGA:

The desiltation of tanks, strengthening of bunds, desilting of channels has been taken up under MGNREGA in 1051 tanks during 2017-2018. This will prevent flash floods in down stream to a great extent.

The desiltation of tanks, strengthening of bunds, desilting of channels has been taken up under MGNREGA in 300 works during 2019-2020 Following flood protection works will be taken up under MGNREGS.

The desiltation of tanks, strengthening of bunds, desilting of channels has been taken up under MGNREGA in 249 works during 2020-2021 Following flood protection works will be taken up under MGNREGS.

The desiltation of tanks, strengthening of bunds, desilting of channels has been taken up under MGNREGA in 76 works during 2021-2022 Following flood protection works will be taken up under MGNREGS.

The desiltation of tanks, strengthening of bunds, desilting of channels has been taken up under MGNREGA in 03 works during 2022-2023 Following flood protection works will be taken up under MGNREGS.

Sl. No	Name of the work	No. of works	Estimate amount (in Lakhs)
1	Cement concrete Check dam	3	55.635
2	Boulder Check dam	0	0
3	Cabion Check dam	0	0
	TOTAL	3	55.635

6) Thai:

Under this scheme 17 tanks causing flash floods in low lying areas in downstream during heavy rainy season have been identified for desiltation, strengthening of bunds, clearing of bushes etc.,

CHAPTER - 18

COMMUNITY AND OTHER STAKE HOLDER PARTICIPATION

Community members play a vital role in reducing the impact of a disaster. People at this level are often the most vulnerable to disaster and experience the greatest impacts for various reasons. With knowledge of the local geology, the hazard context, and the livelihoods options available, local communities must be involved in disaster management programmes from the start.

18.1 First Responders:

The first responders have been identified for each area and given sufficient training by Fire and Rescue personnel in first aid, search and evacuation, removal of affected people to shelters etc.,

The list of first responders have been given in the Erode District web site, http://www.erode.tn.nic.in/disaster/List_of_First_Responders.pdf

18.2 N.G.O.s:

The list of N.G.O.s identified for engagement in relief and rescue operation are given in the following link.

http://www.erode.tn.nic.in/disaster/List_of_NGOs_in_Erode_District.pdf

18.3 Red Cross and Welfare Associations:

The list of Welfare Associations identified for relief and rescue operations are given in Annexure-7

18.4 Local Bodies:

The various responsibilities allotted to the Local Body officials have been listed in Annexure – 12.

CHAPTER - 19**LINKAGES / CO-ORDINATION WITH OTHER AGENCIES FOR
DISASTER MANAGEMENT****1) Army Camp at Madukarai, Coimbatore:**

The Commanding Officer of Army Camp at Coimbatore has nominated one Officer for co-ordination of Relief and Rehabilitation Operations with the District Administration.

Maj.V.Kushwaha,
Battery Commander,
Army Camp, Madukarai,
Coimbatore.
Mobile No.8194002604, 9419221884

CHAPTER - 20**Budget and other Financial allocation – outlays of major schemes**

In Erode District, the following schemes have been implemented through Rural Development and Panchayat Raj Department.

Sl. No.	Scheme name	Physical progress		Financial progress [Amount Rs. In Lakhs]	
		Taken up	Completed	As amount	Expenditure
1	AGAMT II	352	214	1800.32	798.85
2	AGAMT Library Repair	72	40	92.61	43.59
3	Construction of houses in Srilankan Tamil Refugees Camp	105	0	2100	1737
4	Construction of new and Additional classroom school buildings	18	0	670.57	58.08
5	MGNREGS	9754	6599	21064.87	15150.36
6	Mudalvari Grama Saalaigal Membattu Thittam(MGSMT)	185	0	8572.03	0
7	NNT	35	15	356.22	129.98
8	Samathuvapuram-Minor Repairs to houses by	205	0	87.52	0

	beneficiaries				
9	Samathuvapuram reconstruction of houses through contract	54	0	23.13	0
10	Samathuvapuram - Repair to Common Infrastructure through contract	13	0	77.17	0
11	IHHL	1185	794	142.2	95.28
12	SWM(Vehicle)	278	133	1067.24	468.95
13	Grey Water Management	334	72	620.7	67.99
14	SCPAR PU OFFICE	1	0	395	92.39
15	SIDS	260	0	459.2	0
16	Special Scheme for provision of Basic amenities to ADI Dravidar Habitations	20	0	215.94	0
17	MPLADS	85	5	720.9	38.44
18	MLACDS	288	48	1905.75	98.31

CHAPTER - 21

MONITORING AND EVALUATION

The Secretary to government, School Education Department and Flood Monitoring officer visited Erode District on 16.08.2018 and inspected flood affected villages, relief camps and conducted Flood Relief Works Review Meeting with District Officials of Line Departments and issued detailed instructions on the precautionary measures to be taken to prevent human loss, property loss due to flood in river Bhavani and River Cauvery and measures to be taken for relief centers' etc.,

The Hon'ble Chief Minister of Tamilnadu, Hon'ble Minister for School Education and Sports and Youth Welfare, Hon'ble Minister for Environment, Additional Chief Secretary/Commissioner of Revenue Administration had inspected flood affected villages of Bhavani Taluk on 19.08.2018 and distributed relief assistance to the flood affected people.

CHAPTER – 22

RISK COMMUNICATION STRATEGIES

22.1 Telecommunications:

The important telephone numbers of District Collector and other District, Taluk, Panchayat Union Level, Officers responsible for first response, search and rescue operations, shelter management etc., have been given in Annexure-12.

22.2 VHF Sets:

VHF Sets have been provided at District Emergency Control Room, all Taluk Officers and vehicles of Tahsildars for effective and immediate communication of information about disaster.

VHF Details			
Description	No. of Base Stations	No. of Mobile Stations	Total
	14	15	29

22.3 Media:

The important phone numbers of reporters of All India Radio, Doordharsan and important private T.V. and newspapers are listed in Annexure-3.

CHAPTER - 23

Important Contact Numbers and provision of link to detailed information

The important telephone numbers of District Collector and other District, Taluk, Panchayat Union Level, Officers responsible for first response, search and rescue operations, shelter management etc., have been given in Annexure-12.

The detailed contact numbers have been listed in the following link.

<http://www.erode.tn.nic.in/phone.htm>

CHAPTER - 24

Indian Disaster Resource Network (IDRN)

Indian Disaster Resource Network (IDRN) Is a web based information system for managing the inventory of the equipment , human resources and critical supplies for emergency response in the entries. This database is to enable assessment of the level of preparedness for specific disaster related vulnerabilities. It is a nationwide District level resource Database. The designated user of each District of State has been give unique user name and password through which they can perform data entry. data uploading on IDRN for resources available in their District. The IDRN network will enable quick access to resources to minimize response time in emergencies.

CHAPTER - 25

Tamil Nadu System for Multi-Hazard Potential Impact

Assessment and Emergency Response Tracking (TN-SMART)

The Government of Tamil Nadu will put in place a System for Multi-Hazard Potential Impact Assessment and Emergency Response Tracking (SMART). The TNSMART is being developed in collaboration with the Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES) an Inter-Governmental Organization registered with the United Nations based in Bangkok. This system will be integrated with the other systems being developed with the help of GIS technology. TNSMART will offer following services to strengthen risk governance.

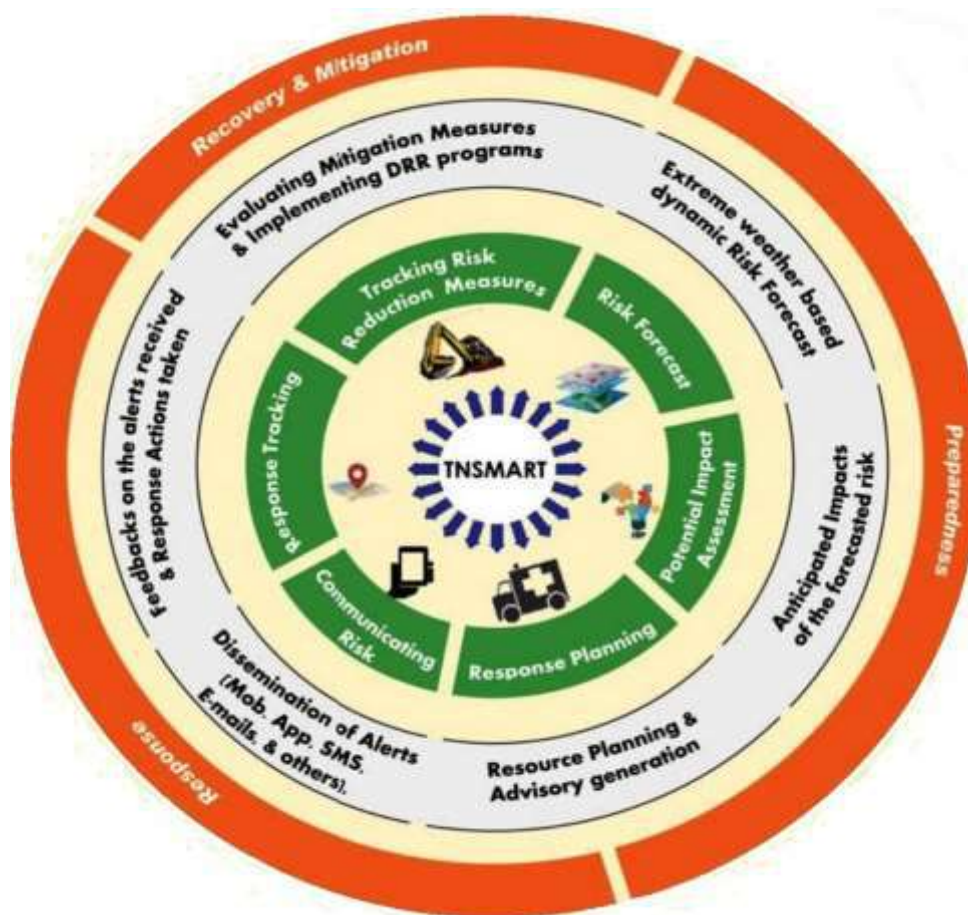
A dynamic risk assessment system to assess the potential impacts of the weather forecast issued by India Meteorology Department.

An ensemble forecasting platform comprising of forecast products from various global and regional center for reference purposes.

A robust verification mechanism (meta-analysis) platform to critically evaluate the performance of all the forecast products and forecast based impact scenarios, a “real-time system of evaluating the predictions with reference to the actual situations”.

TN SMART initiative is in line with World Meteorological Organization’s Global Frame work for Climate Services, i.e. development and application of climate services to assist decision-making for addressing climate-related risks.

Risk assessment and impact assessment components are driven by the forecast and site-specific thresholds derived from the historical record so extreme events and hazards. The tool would capture the risk and the corresponding potential impact. NDEM (National Database for Emergency Management) developed by the National Remote Sensing Center (NRSC) which has inbuilt national level GIS datasets will be integrated with State Data Base for Emergency Management (SDEM) &TN-SMART. The TN-SMART will assist in Forecast and Analysis, Risk mapping and assessment, also act as a data management system for managing and processing weather, disaster risks and emergency response resources data for use during the different phase so disasters.



Dos and Don'ts during all possible Hazards including Heat Wave

DO'S AND DON'Ts DURING CYCLONE AND FLOOD

DO'S AND DON'Ts DURING THUNDERSTORM AND LIGHTNING

Safety Tips-Dos and DON'Ts for Public

(a) What to do in the event of flood.	
DO'S	DON'Ts
Regular listening to the Radio/ TV/ Public Addressing System for advance information and advice	Do not enter into flood waters without any support
Disconnect all electrical appliances and move all valuable personal house hold belongings and clothing out of reach of flood water, if you are warned of if you suspect that flood waters may reach the house	Never wander around a flood area
Move vehicles, essential commodities, Farm animals and movable goods to the high elevated place nearby as far as practicable	Do not allow children's to play in or near, flood waters
Turn off gas or may shift it with you if have to leave the house	Do not drive into water or unknown dearth and current
Lock all outside doors and windows before leaving for safer place	Do not eat food or drink water which is contaminated by flood Water
If you have to evacuate, do not return until you are advised to do so.	
(b) What to do in the event of Drought	
Save water & stock water	Stop misuse of water
Arrange for alternative cropping pattern	
Contact nearest agriculture office	
(c) What to do in the event of Cyclone.	
Regular listening to the Radio/ TV/ Public Addressing System for advance information and advice	Be away of fallen power lines, damage bridges and structure

Allow considerable margin for safety	Do not go outside for sight seeing
A cyclone may change direction, speed or intensity within no time, so stay tuned to the radio/ TV for update information	
Tape up large windows to prevent from shattering/ free flow of wind	Do not relax if there is a lull as it could be the eye of a storm and winds could pick up again
Move to the nearest shelter or vacate the area if this is ordered by the appropriate Govt. Agency	
Stay indoors and take shelter in the strongest part of the house/ society	
Open windows on the sheltered side of the house if the roof begins to lift	
Find shelter if you are caught out in the open	
If you have to evacuate, do not return until you are advised to do so	
Cans, Tins and other implements should not be kept loose, as they may become weapons of destruction during a storm	
Try to remain calm and try to calm others	

around you	
Let free the livestock	
(d)What to do in the event of Earthquake.	
Listen to the Radio/ TV/ Public addressing system for advance information and advice.	Do not run and do not wander round the streets
Teach all members of your family how to turn off the electricity, water and gas supply	Keep away from buildings, walls, slopes, electricity wires and cables & stay in the vehicle
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	Do not rush to the doors or exits never use the lifts keep well away from windows, mirrors, chimneys and furniture
Keep away from old, tall or ditched buildings, electricity wires, slopes and walls, which are liable to collapsed.	Do not rush to the doors or exit, never use the lift
Stop the vehicle away from building, walls, slopes, electricity wires and cables	Avoid places where there is use electric wires and do not touch any metal object in contact with them
Leave the badly damaged house	Do not re-enter badly damaged buildings and do not go near damage structure.
Collect water containers, food items and Ordinary and facial medicines.	

HEAT WAVE

Heat Wave conditions can result in physiological strain, which could even result in death. To minimize the impact during the heat wave and to prevent serious ailment or death because of heat stroke, the following measures are useful:

DO's

- ❖ Listen to Radio, watch TV, read Newspaper for local weather forecast to know if a heat wave is on the way. Drink sufficient water and as often as possible, even if not thirsty.
- ❖ Wear light weight, light-coloured, loose, and porous cotton clothes. Use protective goggles, umbrella/hat, shoes or chappals while going out in sun.
- ❖ While travelling, carry water with you.
- ❖ If you work outside, use a hat or an umbrella and also use a damp cloth on your head, neck, face and limbs.
- ❖ Use ORS, homemade drinks like lassi, rice water, lemon water, buttermilk, etc. which help to re-hydrate the body.
- ❖ Recognize the signs of heat stroke, heat rash or heat cramps such as weakness, dizziness, headache, nausea, sweating and seizures. If you feel faint or ill, see a doctor immediately.
- ❖ 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.*
- ❖ *Provide cool drinking water near work place.*
- ❖ *Caution workers to avoid direct sunlight.*
- ❖ *Schedule strenuous jobs to cooler times of the day.*
- ❖ *Increasing the frequency and length of rest breaks for outdoor activities.*
- ❖ *Pregnant workers and workers with a medical condition should be given additional attention.*

DONT's:

- ❖ *Do not leave children or pets in parked vehicles.*
- ❖ *Avoid going out in the sun, especially between 12.00 noon and 3.00 p.m.*
- ❖ *Avoid wearing dark, heavy or tight clothing.*
- ❖ *Avoid strenuous activities when the outside temperature is high. Avoid working outside between 12 noon and 3 p.m.*
- ❖ *Avoid cooking during peak hours. Open doors and windows to ventilate cooking area adequately.*
- ❖ *Avoid alcohol, tea, coffee and carbonated soft drinks, which dehydrates the body.*
- ❖ *Avoid high-protein food and do not eat stale food.*

THUNDERSTORM AND LIGHTNING

Lightning is a phenomenon that has not only fascinated but also scared mankind. Lightning strikes the Earth 50 to 100 times each second. The peak power and total power that is dissipated by a lightning discharge is on the order of 100 million watts and the peak channel temperature approaches 30,000C. Lightning causes catastrophic damages to human lives, livestock, communication & Electronic equipment and infrasture. Prediction of lightning as to the precise time ad location is very difficult. Injuries and fatalities happen during lightning and thunderstorm due to underestimation of risks by people and lack of awareness on safety measures to be

adopted. Therefore, the following Do's and Don'ts are issued to avoid the damages and losses due to the lightning.

DO's

- ❖ *Look for darkening skies and increased wind*
- ❖ *If you hear thunder, you are close enough to be struck by lightning. Don't go outside unless absolutely necessary. Remember, by counting the seconds between the lightning flash and the thunder and dividing by 3, you can estimate your distance from the strike (in Km).*
- ❖ *Keep monitoring local media for updates and warning instruction.*
- ❖ *Stay indoors and avoid travel, if possible,*
- ❖ *Close windows and doors and secure objects outside your home(E.g.,furniture, bins,etc)*
- ❖ *Ensure that children and animals are inside*
- ❖ *Unplug unnecessary electrical appliances (to isolate them from the main power supply which may conduct a power surge during a lightning storm)*
- ❖ *Remove tree timber or any other debris that may cause a flying accident.*
- ❖ *Lightning is also a real threat to livestock. Livestock frequently gathers under trees during a thunderstorm, and a single strike can kill many animals. Moving animals into a shelter, preferably an enclosed one that is equipped with a lightning protection system can reduce the risk to livestock.*

DONT's:

- ❖ *Avoid taking a bath or shower and stay away from running water. This is because lightning can travel along metal pipes.*
- ❖ *Keep away from doors, windows, fireplaces, stoves, radiators, sinks, bathtubs or any other electrical conductors.*
- ❖ *Avoid using cord phones and other electrical equipment including hair dryers, electric tooth brushes or electric razors that can conduct lightning. Burying utility line, including electric and telephone lines can also reduce that likelihood of damages from lightning strikes. Traditional suspended lines are much more likely to be struck and carry lightning charges directly into a building, resulting in damage to electrical appliances and structural damage to the building*

If Outdoor – Do's and Don'ts

DO's

- ❖ *Go to safe shelter immediately. Buildings are best for shelter but if no buildings are available, you can find protection in a cave, ditch or a canyon. Trees are not a good cover, since tall trees attract lightning.*
- ❖ *If you can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, your best protection is to crouch in the open.*
- ❖ *Ideally, find any shelters in a low lying area and make sure that the spot chosen is not likely to flood*
- ❖ *Crouch down with feet together and head down to make yourself a smaller target.*
- ❖ *Avoid metal objects, structures and construction with metal sheeting.*
- ❖ *Hair standing up on the back of your neck or skin starting to tingle could indicate that lightning is imminent. Drop to the ground immediately.*

DONT's:

- ❖ *Do not lie flat on the ground. This will make a bigger target*
- ❖ *Keep away from all utility lines (phone, power, etc), metal fences, trees and hilltops*
- ❖ *Get out of water. This includes getting off small boats on the water.*
- ❖ *Do not take shelter under trees as these conduct electricity*
- ❖ *Rubber-soled shoes and car tyres do not offer protection from lightning.*

If Travelling - Do's and Don'ts

DO's

- ❖ *Get off bicycles, motorcycles or farm vehicles that may attract lightning.*
- ❖ *Get to a shelter.*
- ❖ *If boating or swimming get to land as quickly as possible and take shelter*
- ❖ *During a storm, remain in your vehicle until help arrives or the storm has passed (The Metal roof will protect you if you are not touching metal inside); windows should be closed ; park away from trees and power lines.*

Symptoms and First Aid for various Heat Disorders

Heat Disorder	Symptoms	First Aid
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Sunburn	Skin redness and pain, possible swelling, blisters, fever, headaches.	Take a shower, using soap, to remove oils that may block pores preventing the body from cooling naturally. If blisters occur, apply dry, sterile dressings and get medical attention.
Heat Cramps	Painful spasms usually in leg and abdominal muscles or extremities. Heavy sweating.	Move to cool or shaded place. Apply firm pressure on cramping muscles or gentle massage to relieve spasm. Give sips of water. If nausea occurs, discontinue.
Heat Exhaustion	Heavy sweating, weakness, Skin cold, pale, headache and clammy. Weak pulse. Normal temperature possible. Fainting, vomiting.	Get victim to lie down in a cool place. Loosen Clothing. Apply cool, wet cloth. Fan or move victim to air-conditioned place. Give sips of water slowly and If nausea occurs, discontinue. If vomiting occurs, seek immediate medical attention. Or call 108 and 102 for Ambulance.
Heat Stroke (Sun Stroke)	High body temperature (106°F). Hot, dry skin. Rapid, strong pulse. Possible unconsciousness. Victim will likely not sweat.	Heat stroke is a severe medical emergency. Call 108 and 102 for Ambulance for emergency medical services or take the victim to a hospital immediately. Delay can be fatal. Move victim to a cooler environment. Try a cool bath or sponging to reduce body temperature. Use extreme caution. Remove clothing. Use fans and/or air conditioners.

EMERGENCY TREATMENT

If Heat Stroke is suspected, call 108 immediately. While waiting for the ambulance:

- ❖ Measure the person’s temperature.
- ❖ If possible move the affected person to somewhere cooler / shaded area.
- ❖ Give a cool shower by sprinkling with water or Wrapping in a damp sheet and using a fan to create an air circulation.
- ❖ Encourage to drink fluids, if they are conscious.
- ❖ Do not give aspirin or paracetamol.

ADVISORIES ISSUED BY INCOIS

Real-time tsunami warnings are issued by INCOIS by first announcing the area of warning, alert and watch based on travel time together with an estimate of the height of the tsunami calculated on pre-run numerical models of tsunami propagations. Based on the hazard - ‘warning’, ‘alert’ and ‘watch’ are issued.

Area under Warning:Area that is within 60 minutes from the tsunami generic sources and wave height expected is more than 2 meters.

Area under Alert:Area within 60 minutes travel time of the tsunami and wave height is less than 2m and Area more than 60 minutes travel time of tsunami and the expected wave height is more than 2 m.

Area under Watch:Areas that are outside the 60 minutes travel time of tsunami and are kept under watch when the wave height is expected to be less than 2 m.

INCOIS issues of bulletins over a period of four to five hours as many as six bulletins.

The First Bulletin (Type – I) is issued before the lapse of 20 minutes of the earthquake when the seismic network detects an earthquake occurring in the Andaman Sumatra Subduction Zone (ASSZ). The First bulletin informs that an earthquake has occurred and the preliminary estimates of the location of the epicentre, magnitude, depth of focus and time are informed.

The Second Bulletin (Type – II) is issued not later than 30 minutes of the earthquake in the subduction zone with a magnitude of > 6.3 and the depth of focus is less than 100 km detailing the areas under warning and threat.

The Third Bulletin (Type – II Supplementary) is issued with updated earthquake parameters and revised information on tsunami wave height and accordingly the status of the threat is updated.

The Fourth Bulletin (Type III) is issued when tsunami is confirmed. If the threat is upgraded to warning status evacuation will be started immediately.

The Fifth Bulletin (Type – III Supplementary) is issued when the tsunami reaches the coast with hourly updates and also whenever real-time water level information are available.

The Final-“ALL CLEAR” bulletin indicates withdrawal tsunami warning.

In addition, an early warning system for earthquake/tsunami in Indian Ocean is operational at Madras Atomic Power Station, Kalpakkam. This PC-based Earthquake Notification System (ENS) is installed in Control room of MAPS.

Cyclone Warnings by IMD **Pre-Cyclone Watch**

The cyclone warnings are issued to state government officials 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 in the north Indian Ocean, its likely intensification into a tropical cyclone and the coastal belt likely to experience adverse weather. This early warning bulletin is issued by the Director General of Meteorology himself and is addressed to the Cabinet Secretary and other senior officers of the Government of India including the Chief Secretaries of concerned maritime states.

Cyclone Alert

The Second Stage warning known as "CYCLONE ALERT" is issued at least 48 hrs. in advance of the expected commencement of adverse weather over the coastal areas. 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. This is issued by the concerned ACWCs/CWCs and CWD at HQ

Cyclone Warning

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 by ACWCs/CWCs/and CWD at HQ at 3 hourly interval giving the latest position of cyclone and its intensity, likely point and time of landfall, associated heavy rainfall, strong wind and storm surge alongwith their impact and advice to general public, media, fishermen and disaster managers.

Post Landfall Outlook

The Fourth Stage of warning known as "POST LANDFALL OUTLOOK" is issued by the concerned ACWCs/CWCs/and CWD at HQ 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. Different colour codes as mentioned below are being used since post monsoon season of 2006 the different stages of the cyclone warning bulletins as desired by the National Disaster Management.

Stage of Warning	Colour Code
Cyclone Alert	Yellow
Cyclone Warning	Orange
Post landfall out look	Red

CHAPTER-27

IMPORTANT GOVERNMENT ORDERS

GOVERNMENT OF TAMIL NADU ABSTRACT

Natural Calamities- Grant of financial assistance to the victims of Natural Calamities like Cyclone/ Flood/Drought, Earthquake etc., from calamity Relief Fund / National Calamity Contingency Fund- Revised norms to be adopted- orders- issued

REVENUE (NCI (2)) DEPARTMENT

G.O.(Ms) No.630

Dated : 29.10.2007.

- 1) G.O.(Ms)No.630, Revenue, dated 29.10.2007
- 2) From the Government of India, Ministry of Home Affairs, New Delhi, Lr.No.32-2/2014, NDM-I, dt.8.04.2015
- 3) From the Sepcial commissioner and commissioner of Revenue Administration Lr.No.NCI(2)/ 17837/15 Dt:22.07.2015.

ORDER:

Whenever there is any calamity the down trodden and under privileged people are used to suffer without food, shelter, loss of life and belongings, To mitigate the suffereings and loss, relief in the form of financial assistance is granted from Calamity Relief Fund for death, los of limb or eyes, grievous, injuries, loss of crops, loss of cattles, damages to the houses, etc., due to batural calamities as per norms prescribed by government of India.

2. In G.O. first read above, the government have constituted a state level committee under the Chairmanship of chief Secretary among others to administer the calamity Relief fund / national calamity contingency Fund.

3. The Calamity Relief fund is heard by the Government of India and the states in the ratio of 75.:25

4. As of now, the State level committee on Calamity Relief fund is sanctioning funds as per norms prescribe dby Government of India to be adopted for the period from 2000-2005 communicated in their letter second read above.

5.Government of India have further included Landslides, Avalanches, cloud burst and pet attacks' also in the definition of natural calamity besides the existing cyclone drought, earthquake, fire, flood, Tsunami and hailstorm, which is a major important change.

6.The Special Commissioner and Commissioner of Revenue Administration has forwarded the revised norms of Government of India as in the Annexure to this order and sought permission of the Government for adoption of the same.

7. The Government after careful consideration, accept the suggestion of the Special Commissioner and Commissioner or Revenue Administration and direct that the revised norms of Government of India which envisages granting of enhanced relief to the victims of natural Calamity as in the Annexure be adopted. This order will come into force from the date of issue of this order till 2015 or till further revised norms is issued.

(BY ORDER OF THE GOVERNOR)
R.VENKATESAN
SECRETARY TO GOVERNMENT.

TAMILNADU STATE DISASTER MANAGEMENT AGENCY

From
Thiru. Atulya Misra, I.A.S.,
Principal Secretary /
Commissioner of Revenue Administration,
Chepauk, Chennai – 600 005.

To
All District Collectors.

Lr.No.N.C.I(2)/17837/2015, Dated : 30.10.2015

Sir/Madam

Sub : Natural Calamities – Grant of Financial assistance to the victims of Natural Calamities namely cyclone, flood, drought, earth quake, fire and Tsunami and hailstorm – from the State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) – Revised Norms of Government of India – Adopted – Orders issued – Regarding.

Ref : 1. G.O.Ms.No.630, Revenue Department, Dated : 29.10.2007.
2. Government of India, Ministry of Home Affairs, New Delhi Lr.No.32-7/2014-NDM-I, Dated : 08.04.2015.
3. ACS / CRA Lr.No.N.C.I.(2) / 17837 / 2015, Dated : 22.07.2015.
4. G.O.Ms.No.385, Revenue Department, Dated : 27.10.2015.

It is informed that the Government in their Order 4th cited have issued orders to the effect tghat the revised norms of Government of India or the existing norms of State Government whichever are more beneficial be adopted for sanction of relief under Stat Disaster Response Fund to the victims of Natural Calamities. A copy of the Government Order cited is sent herewith and all the District Collectors are requested to sanction relief as per the norms of assistance annexured to the Government Order. It is also informed that the instructions issued in the Government Orders for sanction of relief may also be adhered to. All the District Collectors are requested to acknowledge the receipt of the Government Order by fax/mail.

Yours faithfully,
R. Lilly
Joint Commissioner (DMM)
For Principal Secretray /
Commissioner of Revenue
Administration

For Principal Secretary /
Commissioner of Revenue
Administration.

ABSTRACT

Natural Calamities – Grant of Financial assistance to the victims of Natural Calamities namely cyclone, flood, drought, earthquake, fire, Tsunami and hailstorm from the State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) – Revised Norms of Government of India – Adopted – Order Issued.

REVENUE [DM.III(2)] DEPARTMENT

G.O.(Ms).No.380

Dated: 27.10.2015
Manmadha,Ippasi -11
Thiruvalluvar Andu –

2046

Read;

1. G.O.Ms.No.630/Revenue [DMIII (2)] Department, dated: 29.1.2007.
2. From the Government of India, Ministry of Home Affairs, New Delhi letter No.32- 7/2014- NDMI, dated: 08.04.2015.
3. From the Additional Chief Secretary/Commissioner of Revenue Administration letter No.NCI(2)/7837/2015, dated: 22.07.2015

ORDER:

In the Government order first read above, the government have issued orders adopting the s revised norms of Government of India which envisage granting of enhanced relief to the victims of natural calamities under State Disaster Response Fund (SDRF)/ 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 jouses etc., to mitigate the suffering and loss caused.

2. Base on the norms of assistance under State Disaster Response Fund communicated by 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 the State Disaster Response Fund on various occasions.

3. In the letter second read above, the Government of India have revised norms of financial assistance from the State Disaster Response Fund for certain items of relief assistance. Accordingly in the letter third read above, the Additional Chief Secretary/Commissioner of Revenue Administration has reported that the Government of India have revised items and norms for assistance from the State Disaster Response Fund 123 (SDRF) /National Disaster Response Fund(NDRF) and sent the approved list of items and norms for ssistance from State Disaster Response Fund(SDRF) /National Disaster Response Fund(NDRF) based on the report of the expert Group set up bu the Ministry of Home Affairs. Hence, the Additional Chief Secretary/ Commissioner of Revenue Administration has sought 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).

4. The Government after careful consideration, accept the recommendations of the Additional Chief Secretary/ Commissioner of Revenue Administration and direct that the revised norms of Government of India or the existion State Government norms whichever are more beneficial be adopted. Accordingly the revised consolidated scale of relief is annexed. This order will come into the force from the date of issued of this order.
(By Order of the Governor)

R.VENKATESAN
SECRETARY TO GOVERNMENT

/True Copy/

**Revenue [DM.III (2)] Department
Annexure**

Enclosure G.O.Ms.No.380.Revenue Department Dated: 27.10.2015

**REVISED LIST OF ITEMS AND NORMS OF ASSISTANCE FROM STATE DISASTER
RESPONSE FUND (SDRF) AND NATIONAL DISASTER RESPONSE FUND (NDRF)**

Sl. No.	Items	Name of the Assistance
1	2	3
1	GRATUITIOUS RELIEF	
	a)Ex-gratia payment to families of deceased persons	Rs 4.00 lakh per deceased person including those involved in relief operations or associated in preparedness activities, subject to certification regarding cause of death from appropriate.
	b) Ex-gratia payment for loss of a limb or eye(s)	(i) Rs.59,100/- per person ,when disability is between 40% and 60% (ii) Rs.2.00 lakh per person when the disability is more than 60%. Subject to certification by a doctor from a hospital or dispensary of Government, regarding extent and cause of disability.
	C) Grievous injury requiring hospitalization	(i) Rs.12,700/- per person requiring hospitalization more than a week (ii) Rs.4,300/- per person requiring hospitalization for less than a week
	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	Rs.1800/- per family for loss of clothing Rs.2000/- per family for loss of utensils/household good.
	a Natural Calamity	
	e)Gratuitous Relief for families whose livelihood is seriously affected.	Rs.60/- per adult and Rs.45/- per child, not housed in relief camps. The Tahsildar shall verify and prepare a list of those affected and identify the beneficiaries. Period of providing gratuitous relief will be as per assessment of State Executive Committee and the Central Team (in case of NDRF). The default period of assistance will be upto 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 extended the time period beyond the prescribed limit subject to the stipulation that expenditure on this account should not exceed 25% of SDRF allocation for the year.
2	SEARCH AND RESCUE OPERATIONS. a)Cost of search and resue measures / evacuation of people affected / likely to be affected	As per actual cost incurred, assessed by State Executive Committee and recommended by the Central Team (in case of NDRF) By the time if the search and rescue operations ate ober before the visit of the Central Team, then the State Executive Committee will assess/recommend actual /near actual cost.

	b) Hiring of boats/essential equipments for carrying immediate relief and saving lives.	As per actual cost incurred, assessed by State Executive Committee and recommended by the Central Team(in case of NDRF)
3	RELIEF MEASURES a) Provision for temporary accommodation, food, clothing, medical care, 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 Rs.1000/- to the families evacuated from their houses and moved to shelters. As per assessment of need by State Executive Committee and recommendation of the Central Team (in case of NDRF) for a period up to 30 126 days. The State Executive Committee 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, and upto 90 days in cases of severe drought. Depending on the ground situation, the State Executive Committee can extend the time period beyond the prescribed limit subject to the stipulation that expenditure on this account should not exceed 25% of SDRF allocation for the year. Medical care may be provided from National Rural Health Mission (NRHM).
	b) Air dropping of essential supplies.	As per actual, based on assessment of need by State Executive Committee and recommendation of 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 essentials supplies and rescue operations only.
	c) Provision of emergency supply of drinking water in rural areas and urban areas	As per actual cost, based on assessment of need by Executive Committee and recommended by the Central Team (in case of NDRF) up to 30 days and 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 subject to the stipulation that expenditure on this account should not exceed 25% of SDRF allocation for the year.
	CLEARANCE OF AFFECTED AREAS a) Clearance of debris in public areas.	As per cost, within 30 days from the date of start of the work, based on assessment of need by State Executive Committee for the assistance to be provided under SDRF and as per assessment of the Central team for assistance to 127 be provided under NDRF.
	b) Draining off flood water in affected areas	As per actual cost, within 30 days from the date of start of the work, based on assessment of need by State Executive Committee for the assistance to be provided under SDRF and as per assessment of the Central team(in Case of NDRF)
	c) Disposal of dead/ bodies carcasses	As per actual based on assessment of need by State Executive Committee and recommendation of the Central Team(in case

		of NDRF).
5.	AGRICULTURE	
	Assistance to farmers	
A	A) Assistance for land and other loss	
	a) Desilting of agricultural land (where thickness of sand / silt deposit is more than 3" to be certified by the competent authority of the State Government)	Rs.12,200/- per hectare. (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) Removal of debris on agricultural land in hilly areas.	
	c) De-silting/ Restoration / repairs of fish farms.	
	d) Loss of substantial portion of land caused by landslide, avalanche change of course of rivers.	Rs.37,500/-per hectare whose ownership of the land is legitimate as per the revenue records.
B	Input subsidy (where crop loss is 33% and above)	Rs.7410/- per hectare for crops other than paddy in rainfed areas and restricted to sown areas.
	a) For agriculture crops, horticulture crops and annual plantation crops	Rs.13,500/- per hectare for crops in assured irrigated areas, subject to minimum assistance not less than Rs.1000 and restricted to sown areas.
	b) Perennial crops	Rs.18,000/- per hectare for all types of perennial crops subject to minimum assistance not less than Rs.2000/- and restricted to sown areas.
	c) Sericulture	Rs.7,410/- per hectare for Eri, Malberry, Tussar. Rs.6,000/- per hectare for Muga.
	d) Paddy	Rs.13,500/- per hectare subject to minimum assistance not less than Rs.1000 and restricted to sown areas.
6	ANIMAL HUSBANDRY	
	i) Replacement of milch animals, draught animals or animals used for haulage.	Milch animals:- Rs.30,000/-Buffalo/Cow/Yak/Mithun etc., Rs.3,000/- Sheep/Goat/Pig Draught Animals:- Rs.25,000/-Camel/Horse/Bullock etc. Rs. 16,000/- Calf/Donkey/Pony/Mule. Poultry:- Poultry @ Rs.100/- per bird. Note: 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 129 poultry owners
	ii) Provision of fodder/ feed concentrates including water supply and medicines in cattle camps.	Large animals-Rs.70/- per day Small animals-Rs.35/-per day Period for providing relief will be as per assessment of the State Executive Committee (SEC) and the Central Team (in case of NDRF). The default period for assistance will be upto 30 which may be extended upto 60 days in the first instance and 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, subject to the stipulation that expenditure on this account should not exceed 25% of SDRF allocation for the year.
	iii) Transport of fodder to cattle outside cattle camps	As per actual cost of transport, 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.
	FISHERY	
	i) Assistance to Fishermen for repair/replacement of boats, nets-damaged or lost -Boat -Dugout-canoe -Catamaran -Net (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)	<ul style="list-style-type: none"> i) Replacement of fully damaged/ lost wooden catamaran with a wooden catamaran, a full subsidy will be of Rs.32,000/- (inclusive of net) ii) For repair/ rebuilding of partially damaged catamaran Rs.10,000/- unit. iii) For replacement of fully damaged/lost wooden/FRP vallam, the percentage of subsidy assistance will be enhanced from 35% to 50% of the total cost subject to maximum subsidy of Rs.75,000/- calculated at a unit cost of Rs.1.5 lakhs (inclusive of engine and net) iv) For partially damaged FRP Vallam at the rate of Rs.20, 000/- per unit. v) For replacement of fully damaged mechanized fishing boats, the subsidy to be paid will be 35% of total cost, restricted to a maximum subsidy of Rs.5 lakhs per boat. vi) For repairs of partially damaged mechanized fishing boats, the subsidy will be provided at 60% of the assessed value of the damages restricted to a maximum subsidy of Rs.3 Lakhs per boat. vii) For replacement of Gill nets for Catamaran Rs.10, 000/- per unit. Repair of OBM/IBE engines - Rs.5,000/- per engine.
	ii) Input subsidy for fish seed farm	viii) Rs.8,200/- 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 Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture)
8	HANDICRAFTS / HANDLOOM ASSISTANCE TO ARTISANS i) For replacement of damaged tools / equipments	Rs. 4,100/- per artisan for equipments - subjects 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. 4,100/- per artisan for raw material (subject to certification by the competent authority designated by the State Government about loss and its replacement).

	HOUSING (a) Fully damaged/ destroyed houses/ severely damaged Pucca house	i) Rs. 95,100/- per house in plain areas. ii) Rs. 1,01,900/- per house in hilly areas including Integrated Action Plan (IAP) Districts
	(b) Partially damaged Houses Pucca (other than huts) where the damage is at least 15%	Rs.5,200/- per house
	(c) Damaged/ destroyed huts	Fully Damaged Hut – Rs.5,000/- per hut Partially Damaged Hut – Rs.4,100/- per hut and hut and 10.k.g rice for each case of damaged huts.
	(d) Cattle shed attached with house	Rs.2,100/- per shed
10	INFRASTRUCTURE Repair / restoration (of immediate nature) of the damaged infrastructure 1.Roads&bridges 2.Drinking water supply works 3.Irrigation 4.Power (only limited to immediate restoration of electricity supply in the affected areas) 5.Schools 6.Primary Health Centres 7. Community assets owned by Panchayat Sectors such as Telecommunications and Power (except immediate restoration of power supply). Which generate their own revenue and also undertake immediate repair / restoration works from their own funds / resources are excluded.	Activities of immediate nature: Illustrative lists of activities which may be considered as works of an immediate nature are given as Annexure II. Assessment of requirements: Based on assessment of need, as per State's costs/rates/schedules for repair, by State Executive Committee and recommendation of the Central Team (in case of NDRF) As regards repair of roads, due consideration shall be given to Norms for Maintenance of Roads in India, 2001, as amended from time to time, for prepares of roads affected by heavy rains/ floods, Cyclone, landslides, sand dunes, etc., to restore traffic For reference, these norms are -Normal and Urban areas: Upto 15% of total of Ordinary Repair (OR) and Periodical Repair (PR) – -Hills: Upto 20% of total of OR and PR. 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 and PR rate is not available, then assistance will be provided @Rs. 1 lakh/km for State Highway and Major District Road and @Rs. 0.60 lakh/km for rural roads. The condition of "State shall first use its provision under the budget for regular maintenance and repair" will no longer be required, in view of the difficulties in monitoring such stipulation, though it is a desirable goal for all the States. In case of repair of Bridges and Irrigation works. assistance will be given as per the schedule of rates notified by the concerned States. Assistance for micro irrigation scheme 133 will be provided @Rs. 1.5lakh per damaged scheme. Assistance for restoration of medium and large irrigation projects will also be given for the embankment portions, on par with the case of similar rural roads, subject to the stipulation that no duplication would be done with any ongoing schemes. Regarding repairs of damaged drinking water schemes, the eligible damaged drinking water structures will be eligible for assistance @Rs. 1.5 lakh/damaged structure.

		<p>Regarding repair of damaged primary and secondary schools, primary health centres. Anganwadi and community assets owned by the Panchayats, assistance will be given @ Rs.2 lakh/damaged structure.</p> <p>Regarding repair of damaged power sector, assistance will be given to damaged conductors, poles and transformers upto the level of 11 kv. The rate of assistance will be @ Rs. 4000/poles, Rs.0.50 lakhs per km of damaged conductor and Rs.1.00 lakh per damaged transformer.</p>
11	Procurement of essential search, rescue and evacuation equipments including communication equipments etc., for response to disaster.	<p>Expenditure is to be incurred from SDRF only (and not from NDRF) as assessed by State Executive Committee(SEC)</p> <p>-The total expenditure on this item should not exceed 10% of the annual allocation of the SDRF</p>
12	Capacity Building	<p>-Expenditure is to be incurred from SDRF only (and not from NDRF) as assessed by State Executive Committee(SEC)</p> <p>-The total expenditure on this item should not exceed 5% of the annual allocation of the SDRF.</p>
13	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 the SDRF.	<p>-Expenditure is to be incurred from SDRF only (and not from NDRF) as assessed by State Executive Committee(SEC)</p> <p>-The norm for various items will be the same as applicable to other notified natural disasters, as listed above or</p> <p>-IN these cases, the scale of relief assistance against each item for "local disaster" should 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 State Executive Committee (Provision of relief assistance to local disasters to be sanctioned as per norms and guidelines notified by GOTN)</p>

R.VENKATESAN
SECRETARY TO
GOVERNMENT

// True Copy//

Section Officer

Annexure II

Illustrative list of activities identified as of an immediate nature

1	Drinking water Supply	<ul style="list-style-type: none"> i. Repair of damaged platforms of Hand pumps/Ring wells/Springtrapped chambers/ Public stand posts, cisterns. ii. 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) iii. Repair of damaged pumping machines, leaking overhead reservoirs and water pumps including damaged intake-structures, approach gantries/jetties.
	Roads:	<p>Filling up of breaches and potholes, use of pipe for creating waterways, repair and stone pitching of embankments.</p> <ul style="list-style-type: none"> i. Repair of breached culverts. ii. Providing diversions to the damaged/washed out portions of bridges to restore immediate connectivity. iii. Temporary repair of approaches to bridges /embankments of bridges, repairs of causeways to restore immediate connectivity, granular sub base, over damaged stretch of roads to restore traffic.
	Irrigation:	<ul style="list-style-type: none"> i. Immediate repair of damaged canal structures and earthen/masonry works of thanks and small reservoirs with the use of cement, sand bags and 136 stones. ii. Repair of weak areas such as piping or rat holes in dam walls/ embankments. iii. Removal of vegetative material/ building material / debris from canal and drainage system. iv. Repair of embankments of minor, medium and major irrigation projects.
	Health	Repair of damaged approach roads, buildings and electrical lines of PHCs/Community Health Centres.
	Community assets of Panchayat	<ul style="list-style-type: none"> a. Repair of village internal roads b. Removal of debris from drainage/sewerage lines c. Repair of internal water supply lines d. Repair of street lights e. Temporary repair of primary schools, Panchayat ghars, community halls, anganwadi etc.
	Power	Poles/Conductors and transformers upto 11KV

7.The assistance will be considered as per the merit towards the following activities:-

	Items/Particulars	Norms of assistance will be adopted for immediate repair
i)	Damaged primary school building Higher secondary/middle college and other educational institutions buildings	Upto Rs.1.50 lakh/unit Not covered

ii)	Primary health Centre	Upto Rs.1.50 lakh/unit
iii)	Electric poles and wires etc	Normative cost (Upto Rs.4000 per pole and Rs.0.50 lakh per km)
iv)	Panchayat ghars/Anganwadi/Mahila Mondal/Yuva Kendra/ community hall	Upto 2.00 Lakh/Unit
v)	State Highways/Major District road	Rs. 1.00 lakh/km *
vi)	Rural road/bridge	Rs.0.60 lakh/km *
vii)	Drinking water scheme	Upto 1.50 lakh/unit
viii)	Irrigation sector:	
	Minor irrigation schemes/canal	Upto Rs.1.50 lakh/scheme
	Major irrigation scheme	Not covered
	Flood control and anti Erosion Protection work	Not covered
ix)	Hydro power Project/HT Distribution systems/ Transformers and sub stations	Not covered
x)	High Tension Lines(above 11kv)	Not covered
xi)	State Government Buildings viz departmental/office building, departmental/residential quarters, religious structures, patwarkhana, Court premises, play ground, forest bungalow property and animal/bird sanctuary etc.,	Not covered
xii)	Long terms/permanent Restoration work incentive	Not covered
xiii)	Any new work of long term nature	Not covered
xiv)	Distribution of commodities	Not covered (However, there is a provision for assistance as GR to families in dire need of assistance after a disasters)
xv)	Procurements if equipments / machineries under NDRF	Not covered
xvi)	National Highways	Not covered (Since GOI born entire expenditure towards restoration works activities)
xvii)	Fodder seed to augment fodder production	Not covered

*If OR and PR rates are not provided by the State

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SECRETARY TO GOVERNMENT

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Section Officer

Rc. No. NC-1(2) / 7837/2015

Revenue Administration,
Disaster Management and
Mitigation Department,
Chepauk, Chennai 600 005.

Dated: 27.04.2016

C I R C U L A R

Sub: Natural Calamities – South west Monsoon 2016 - Convening of District Coordination Committee Meeting - Updating District Disaster Management Plan - Disaster Preparedness, immediate relief and restoration measures, etc. to be carried out - Instructions issued.

Ref: This office circular Rc. No. NC-1(4) / 15623/ 2016, Dated :27.04.2016.

Northeast Monsoon season is the major period of rainfall activity over the State of Tamil Nadu and will be active from the month of October to December, especially in coastal Districts. Since this season is associated with heavy to very heavy rainfall in certain areas associated with low pressure formation and cyclonic storms, adequate preparatory works have to be done to prevent loss to life and property in the wake of such eventualities. A thorough drill at the District levels as per the instructions will help in creating the necessary sense of urgency and preparedness among the various departments and stakeholders and in tackling disasters like flood and cyclone. Therefore, Collectors are hereby requested to take immediate action as detailed in following paragraphs so as to ensure effective management of issues that may arise during Northeast Monsoon period 2013. In this connection, attention is drawn to "Anti Disaster Plan, 1978" which contains comprehensive instruction for managing disasters.

Updating of District Disaster Management Plan

All the Collectors are requested to update the District Disaster Management Plan 2024 for the ensuing Northeast monsoon 2024 and to send a copy of the same **on or before 22 .05.2016** without fail. Broad indicators for preparing the District Disaster Management Plan have already been communicated to all Collectors vide this office reference Rc. No. NC-1(4) / 15623/ 2016, dated :27.04.2016. A sum of Rs.1.00 lakh was also allocated to each District for preparation of District Disaster Management Plan. However, most of the Districts have not yet prepared the Plan. Collectors are requested to strictly adhere to the time limits indicated for Disaster Management Plan preparation.

District Co-ordination Committee Meeting

All the Collectors are requested to convene meeting of District Disaster Management Authority as constituted in G.O.Ms.No.33, Revenue {D.M. 1(2)} Department, dated :27.04.2016 and the District Coordination Committee Meeting **before 22.05.2016** with the officials of the line departments concerned, Non Governmental Organisations (NGOS), Community Based Organisations (CBOs), Voluntary Organisations and Elected Representatives of Local Bodies to review the state of preparedness and also to initiate necessary action for the effective response from all concerned to effectively manage any eventuality arising in the ensuing Northeast Monsoon 2016. The views elicited from the meeting about the precautionary steps to be taken and new points / techniques / experiences emerged from the said meeting may be incorporated in the District Disaster Management Plan, 2015.

The Revenue Divisional Officers, Tahsildars and Block Development Officers should also be instructed to conduct Coordination Meeting at their divisional, taluk and block level respectively, in an effective manner.

Control Room

The Collectors are requested to fully operationalise the control room / Emergency Operation Centre in the Collectorate, equipped with necessary infrastructure facilities viz. STD Telephone, Fax, computer with internet access, etc., and staff may be posted round the clock in the Control Room / Emergency Operation Centre. Details of HAM Radio Operators in the District need to be collected and shared with this office before 22.05.2016

The Contact numbers of India Meteorological Department(IMD) and Indian National Center for Ocean Information services(INCOIS) for accessing information regarding cyclone, rains or tsunami are provided below.

India Meteorological Department

(For Cyclone and Rains related information)

Telephone : 044-28271951

Email : _metmds@bsnl.in

Indian National Center for Ocean Information services

(For Tsunami related information)

Telephone : 040-23895002 (Round the clock)

Website : <http://www.incois.gov.in/>

Four Digit Toll Free Line 1077

A toll free four digit public utility service telephone No. 1077 with incoming facility alone has already been installed at the District headquarters for receiving

information on disasters. The four digit toll free telephone should be placed in the Control Room / Emergency Operation Centre. Wide publicity may be given in the dailies / media about this facility. Likewise officials manning the District Control room may be informed of the Toll Free No.1070 of State Emergency Operation Centre at the Office of the Relief Commissioner / Additional Chief Secretary / Commissioner of Revenue Administration @ Chepauk.

Sending Daily Situation Report through intra site

The Collectors are requested to ensure that rainfall and other data are regularly entered daily in the web portal <http://revenue.tn.nic.in/> before 9.00 am. All the Collectors are requested to feed the reports regarding human loss, cattle loss and hut damages at the time of entering rainfall data. If the reports on human loss, cattle loss and hut damages are received after entering the data, i.e. after 9.00 A.M. - these damage reports should also be entered for the same day.

Conduct of Mock Drills

All the Collectors are requested to conduct mock drills this year ***before 05.07.2016*** well before the onset of monsoon, in coordination with Police, Fire and other vital line departments, NGOs, etc. to check / create awareness on search and rescue operations and response in the event of any emergency during the Northeast Monsoon period.

Preparation of Hand Book

All the Collectors are requested to prepare a hand book containing (i) information about the Early Warning System (ii) list of vulnerable areas prone to flood and cyclone, (iii) information about the relief centres and (iv) telephone numbers of all revenue staff upto the level of Village Administrative Officers and phone numbers of all staff including field staff of the departments concerned / voluntary organisations / NGOs., etc. and other important details. Sufficient number of copies may be distributed to all the line departments, offices of the elected representatives, NGOs. A copy of the above handbook may be sent to this Commissionerate along with the District Disaster Management Plan.

Inspection and Maintenance of Rain gauges

The Collectors are requested to make necessary arrangements for the inspection of all the rain gauge stations in their Districts before the onset of Northeast monsoon and ensure that they are in working condition. The defects pointed out by the IMD officials during inspection of rain gauge stations in your District should be rectified. This is important since all claims of natural calamities have to be eventually substantiated by rainfall statistics.

Police Department

The Collectors should work in tandem with the Superintendent of Police in the pre-monsoon preparedness activities. A copy of District Disaster Management Plan and the daily rainfall particulars should be communicated to the Office of the Superintendent of Police and Deputy Superintendent of Polices in the Districts and there must be frequent exchange of information between the Revenue and Police Department during emergent situations. The Collectors are also requested to effectively utilise the VHF / HF sets available with the Revenue Department / Police Department during Northeast monsoon period by the respective Departments.

Fire and Rescue Service Department

The Collectors should ensure that the Department of Fire and Rescue Services have adequate stock of search and rescue equipments, viz., inflatable rubber boats, life buoys, life jackets and rubber dinghies, etc. The District authority of the Fire and Rescue Services may be requested to conduct mock drills in all taluks and blocks to create awareness among the public.

Public Works Department

Inspection of Cyclone Shelters and other Public Buildings

The Collectors are requested to give suitable instructions to the PWD authorities and Revenue officials to inspect the cyclone shelters, school buildings, community halls and also private Kalyana Mandapams identified for accommodating the displaced and affected population during the times of evacuation. It should be ensured that proper power supply and water supply facilities are available in the buildings. Similarly, all public buildings may be inspected to check for possible clogging of storm water pipes.

PWD, WRO authorities may also be instructed to issue prior intimation in case of release of excess water from the reservoirs to the local authorities so as to enable them to take necessary precautionary measures like moving the people in low lying to safer places / carry out evacuation. Public should also be informed about such releases well in advance by way of press release / scrolls in the local TV etc.

Removal of Encroachments

Encroachment in the water courses leads to inundation of areas and particularly low lying areas. The Collectors should instruct the PWD authorities, to protect the water bodies from encroachments and to evict such encroachments. Obstructions in inlet and outlet channels, if any, should be removed at once following due procedure.

Stock of Sand Bags

The Collectors should instruct the Executive Engineers / Superintending Engineers of Public Works Department (Water Resources Department) to keep adequate quantity of sandbags at strategic places in the District for utilising them whenever necessary. The Collectors should in consultation with PWD and Panchayat Unions identify weak point in tank bunds and take measures to strengthen it. If time is not sufficient local awareness may be created.

Highways Department

The Collectors should instruct Highways Department to keep all types of heavy machineries such as bulldozers, JCBs, power saws and other tree cutting equipments, etc., either available with them or with the registered contractors in good working condition for the purpose of clearing the obstructions / road blockades caused by fall of trees, electric poles etc., in case of cyclone / floods during the Northeast Monsoon period. Instructions may be given to the Highways authorities to have a list of Private Contractors involved in construction of bridges, road layers, transport operators, etc., and to utilize their services during emergency. They may also be requested to identify the alternative emergency routes for transportation of people affected by floods in consultation with the District administration.

All the culverts may be inspected, cleaned and desilted. Side berms of main roads may be shaped to allow free flow of water. In areas of likely water logging on road sides, rainwater harvesting pits / soak pits may be constructed. Similarly, vertical drains may be put at reasonable intervals along horizontal drains to ensure seepage of water down to the sub-soil for effective harvesting of rain water.

Civil Supplies Department

All Collectors are requested to issue instructions to the Tamil Nadu Civil Supplies Corporation authorities / Cooperative Societies to keep adequate stock of food grains, kerosene and gunny bags. Instructions may be given to the respective Senior Regional Managers of Tamil Nadu Civil Supplies Corporation / Joint Registrars to make available adequate number of lorries in order to move the essential commodities to the appropriate places. The Collectors are requested to check the stock position of essential commodities in the TNCSC godown and fair price shops. The Collectors are further requested to issue necessary instructions to all petrol, diesel, LPG retail outlets to keep adequate stocks during the Northeast monsoon period.

Rural Development Department

Grama Sabha Meeting will be held on 2nd October, which is conducted by all the Panchayats as per the instructions of the Rural Development Department. The Collectors are requested to ensure that the management of disasters is taken up as one of the topics for discussion at the Grama Sabha meeting conducted in the Village Panchayats.

At Block Level

All the minor irrigation tanks, ooranies, ponds, open wells are under the control of Panchayat Development Department. The Collectors are requested to issue necessary instructions to the Block Development Officers for clearing the encroachments, if any, in these water bodies. The BDOs should also be instructed to close the breaches and strengthen weak points, if any, immediately in the water bodies to avoid inundation of low lying areas. The Collectors are also requested to issue necessary instructions to the BDOs and the Panchayat Union Council to keep adequate number of gunny bags and sand bags to close the breaches. Services of local body representatives can be utilized to clear any tree fall obstructing the traffic in roads, attending to breaches in water ways / tanks. The BDOs may also be instructed to keep a list of public places, community halls, kalyana mandapams with contact numbers to accommodate the affected people.

Similarly, councils of Municipalities and Town Panchayats should also be advised to ensure their state of preparedness.

Health Department

The Collectors are requested to give instructions to the Deputy Director of Health Services to ensure the availability of adequate stock of medicine well before the onset of northeast monsoon. The Deputy Director, Health may also be requested to ensure adequate stocks of essential medicine, life saving drugs procured and stocked by Tamil Nadu Medical Services Corporation. The Deputy Director, Health may also be requested to ensure adequate stock of bleaching powder and chlorine tablets for water disinfection. He may also be requested to ensure the good working condition of the infrastructural facilities in the hospitals including generator sets, ambulances and medical pick up vans.

Fisheries Department

The Collectors are requested to instruct the Joint Director of Fisheries to have the data base on the availability of catamarans, boats and man power (swimmers) that may be required / utilized at the times of emergency.

Tamil Nadu Generation and Distribution Corporation (TANGEDCO)

In addition to the precautionary measures being adopted by TANGEDCO during flood and cyclone, the Collectors are requested to instruct the District level officers of TANGEDCO to coordinate with the District administration in tackling the problems arising out of natural calamities, especially in resumption of electricity supply in the affected areas by stocking adequate number of electric poles, wires, etc.

Animal Husbandry Department

The Collectors are requested to instruct the Assistant Director, Veterinary Services to ensure the availability of adequate stocks of veterinary medicine in Veterinary Hospitals and to ensure availability of essential drugs viz. antibiotics, drugs such as dextrose, electrolytes and astringents, etc.

The availability of adequate stock of fodder may also be reviewed. In the event of any emergency, the availability of stocks of fodder identified well in advance before the onset of Northeast monsoon shall be transported to the needy places.

Motor Vehicles Maintenance Department

All the Collectors are requested to give instructions to the Automobile Engineers to check all the line department vehicles and ensure that the vehicles are in good condition for use at the time of emergency during northeast monsoon period.

Communication through VHF / HF sets

The coastal Districts are provided with two-way communication systems, namely VHF / HF sets for communication. The coastal District revenue officials may be instructed to utilise the communication system effectively and extensively during the Northeast Monsoon period. Moreover the non coastal Districts also have been provided with funds for procurement of communication equipment including VHF sets. All the Collectors are requested to utilize the funds and complete the procurement before 15.9.2013.

The Collectors are requested to keep ready the list of individuals / organisations who have boats, pump sets, generators, power saw and any other relief and rescue equipments which can be mobilised immediately at the time of emergency. The details, such as name of the individual / organisation and the equipments they possess along with their contact details may be included in the Disaster Management plan.

The instructions issued now and in the earlier circulars relating to Northeast Monsoon should be followed scrupulously and the District administration should be in a position to respond effectively at the time of emergencies. All the Collectors are informed to send the **Updated District Disaster Management Plan 2024** along with a copy of the handbook **on or before 30.09.2024.**

All the Collectors are also requested to give wide publicity in the newspapers about the state of preparedness of the District administration, line departments and local bodies thereby creating awareness in the minds of the public and to send a report in this regard.

In addition, this checklist may be adopted for reviewing the preparedness:

- (i) Whether cleaning / desilting of supply channels and drainage channels have been done in the flood prone areas ?
- (ii) Whether encroachments / obstructions on ponds / tanks have been removed ?
- (iii) Whether all culverts are cleaned and weak points on roads strengthened ?
- (iv) Whether embankments along rivers and nallahs, ring bunds and other bunds have been inspected for weak points and strengthened ?
- (v) Whether drains / link drains have been inspected and cleared for safe outflow of surplus run off of flood water ?
- (vi) Whether necessary maintenance of sluice gates, barrages, embankments, etc. are being done ?
- (vii) Identification of places for storage of essential commodities keeping in view of the vulnerability of the areas.
- (viii) Review of availability of essential medicine needed during flood period.
- (ix) Arrangement for procurement of medicine with short notice.
- (x) Database on the availability of Medical Officers & Paramedical staff with a view to earmark medical teams for providing medical cover in case of emergency.
- (xi) Planning to ensure the availability of required resources for maintaining hygiene and sanitation in a flood situation in the flood prone areas.
- (xii) Planning of control measures to prevent the outbreak of any epidemic in case of flood situation.
- (xiii) Identification of cyclone / safe shelters – preparation of list thereof.
- (xiv) Plan for putting up temporary shelter in case of additional requirement.
- (xv) Drawing up evacuation plan for the low lying areas including identification of places, means of transportation, evacuation routes.
- (xvi) Review of arrangements for emergency supply of safe drinking water including transportation of drinking water.
- (xvii) Review of arrangements for emergency supply of fuel, generator sets, pump sets, boats, power saws, etc.

The brief indicators for preparing the District Disaster Management Plan 2013 are given in Annexure – I.

The action taken in this regard may be sent to this Commissionerate and receipt of this circular should be acknowledged by return post.

Additional Chief Secretary /
Commissioner of Revenue Administration.

To

The Collectors of all Districts.

(By Name Cover)

Copy to

- 1) The Secretary to Government, Revenue Department, Secretariat, Chennai -9
- 2) Stock File.

for Additional Chief Secretary /
Commissioner of Revenue Administration.

NC III(1)/91741/2010

Revenue Administration
Disaster Management and
Mitigation Department
Chepauk, Chennai-5.

Dated : 21.08.2013

CIRCULAR

Sub : Natural Calamities – Relief /Ex-gratia amount to the bereaved families of the victims – Instructions issued – reg.

- Ref
1. G.O.Ms.No. 1121, Revenue Department, Dated 25.10.1996
 2. G.O.Ms.No. 153, Revenue Department, Dated 26.03.1999
 3. G.O.Ms.No. 714, Revenue Department, Dated 30.10.2006
 4. G.O.Ms.No. 141, Revenue Department, Dated 11.03.2008
 5. G.O.Ms.No. 630, Revenue Department, Dated 29.10.2007
 6. Government Letter No. 36136/NC I (1)/08-2 Revenue Department, Dated : 26.09.2008
 7. This office Letter No. NC I (1) 1621/2007 Dated : 22.06.2009.
 8. G.O. (Perm.) No. 380 Revenue (DM-2) Department Dated : 25.10.2012
 9. G.O. (Perm.) No.123, Revenue (DM III-I) Department, Dated : 25.04.2013.

Loss of human life due to Natural Calamities such as Fire, Flood, cyclone, etc. apart from damages to dwelling units, etc. are being reported frequently from the Districts.

2. In order to avoid delay in the disbursement of relief to the affected families of the victims, the District Collectors / Revenue Officials have been authorized to draw and disburse the specified amount of relief to the families of the victims of Natural Calamities.

3. In this regard, the following instructions are issued for taking necessary follow up action.

1. RELIEF IN CASE OF NATURAL CALAMITIES :

The Government of India have included cyclone, drought, earthquake, fire, flood, Tsunami, hailstorm, landslides, avalanches, cloudburst and pest attacks in the definition of Natural Calamities.

(ii) The grants of financial assistance given to the families of the deceased on account of Natural Calamities under CRF/SDRF have been enhanced from time to time as follows :

S.No.	Government Order	Remarks
1.	G.O.Ms.No. 1356, Revenue Department, dated 21.11.1992	Amount enhanced from Rs.2000/- to Rs. 10000/-
2.	G.O.Ms.No. 1121, Revenue (NC) Department, dated 25.10.1996	Amount enhanced from Rs.10000/- to Rs. 15000/- w.e.f. 16.10.1996
3.	G.O.Ms.No. 714, Revenue (NC I(1)) Department, dated 30.10.2006 read with G.O.Ms.No. 141 Revenue Department dated 11.03.2008	Amount enhanced from Rs.15000/- to Rs. 50000/- w.e.f. 01.10.2006
4.	G.O.Ms.No. 630 Revenue (NC III(2)) Department, dated	Amount enhanced as per GO norms to Rs.1,00,000/- w.e.f. 20.10.2007

	29.10.2007	
5.	G.O.Ms.No. 380 Revenue (DM(II) Department dated 25.10.2012	Amount enhanced from Rs.1,00,000/- to Rs.1,50,000/- with effect from 22.10.2012.

(iii) Relief assistance admissible for loss of human life, loss of cattle, damages to houses, etc. due to natural calamities have lastly been revised in G.O. 8th cited.

(iv) In order to avoid delay in disbursement of relief to the affected families, Government vide G.O.Ms.No. 714, Revenue (NC I (1) Department dated 30.10.2006 and as amended in G.O.Ms.No. 141, Revenue NC I (1) Department, dated 11.03.2008 have authorised the District Collectors to draw and disburse the amount under TR 27 to the affected families / persons.

The details of relief assistance are as follows :

1. Relief of Rs. 1.50 lakhs from SDRF and Rs. 1.00 lakh in exceptional cases from CMPRF to the family of the deceased on account of Natural Calamities.
2. For the families who have been provided temporary accommodation in shelters, 10 Kg of rice, 1 saree, 1 dhoti, 1 litre herosene and Rs. 1,000/- shall be given as relief per family.
3. For fully damaged huts Rs. 5,000/- and for party damaged huts Rs. 2,500/-
4. For loss of Cows / Buffalows Rs. 20,000/- per cattle and for loss of goats / sheep Rs. 2,000/- per goat / sheep.
5. For loss of poultry Rs. 100/- per bird.

The above said relief are immediate in nature and Collectors are authorised in this regard.

v) Moreover, the Government in their G.O. 9th cited have enhanced the relief assistance payable to crop loss of more than 50% due to Natural Calamities as follows :

S. No.	Name of the crop	Category	Relief Assistance admissible per acre(Rs.)
1.	Paddy		5000
2.	Other crops (other than Paddy, perennial and Mulberry)	Assured irrigation	4000
		Reinfed	3000
3.	Perennial (including coconut)		4000
4.	Mulberry		3000

v) All other items of relief and norms of assistance have already been approved by Government in the G.O.Ms.No. 630 Revenue Department dated 29.10.2007.

II. FINANCIAL POWERS TO THE COLLECTORS / REVENUE OFFICIALS

In G.O.Ms. No. 153 Revenue Department dated 26.03.1999 the Government have enhanced the monetary limits for sanction of expenditure towards relief

measures undertaken in the event of Natural Calamity like Fire, Flood and Cyclone by various officers of Revenue Department as detailed below.

S.No.	Competent Authority	Enhanced Monetary limit
EMERGENCY RELIEF		
1.	Commissioner of Revenue Administration	Upto Rs. 50 Lakhs
2.	Collector	Upto Rs. 20 Lakhs
3.	Sub- Collector/ Revenue Divisional Officer	Rs. 3 Lakhs
4.	Tahsildar	Upto Rs. 2 Lakhs

III. SANCTION OF RELIEF :

In G.O.Ms.No. 714, Revenue Department, dated 30.10.2006 read with G.O.Ms.No. 141 Revenue Department, dated 11.03.2008 the Government while enhancing the financial assistance given to the families of the deceased on account of Natural Calamities had also authorized the Collectors to draw and disburse the amount under TR 27 to the affected families / persons in order to avoid delay in disbursement of relief to the affected families.

(ii) The Government have also ordered that the expenditure should be debited under the following head of account.

“2245 – Relief on account of Natural Calamities – 02 Floods, Cyclones, etc. III Ex-gratia payment to bereaved families – I Non- Plan (items eligible for assistance from the Union Government) – AA Ex-gratia payment to bereaved family in flood affected areas – D.P.Code No. 2245 02 III AB 004. Ex-gratia payment to bereaved family of the deceased (D.P.Code No. 2245 02 III AB 002)”

(iii) In respect of CMPRF, the Government in their letter No.36136 NC 1(1)/08-2.Revenue Department, dated 26.09.2008 have stated that as per the orders in force, the District Collectors are authorized to draw and disburse the specified amount of relief to the families of the victims of natural calamities. In view of the above the collectors / Sub Collectors / Revenue Divisional Officers / Tahsildars may draw and disburse the amount without sending it to Commissioner of Revenue Administration’s office for sanction in order to provide immediate relief to the persons in distress. However, in several instances, where the relief amount has already been sanctioned and paid by the District Collectors from Calamity Relief Fund, proposals are being received by the Government for sanction of additional relief from CMPRF in a routine manner.

(iv) The Government have therefore requested to not to send proposals to Government for sanction of enhanced relief or for relief under another scheme in such cases where the relief under any of the welfare schemes implemented by the Government had already been paid.

4) In many cases proposals are being sent for grant of CMPRF without sanctioning immediate relief under SDRF. This defeats the very purpose of delegation of powers by Government. The Collectors have no sanction have to sanction immediate relief to the families of victim of Natural Calamities within a reasonable time of five days.

5) In view of the above prevailing orders and instructions, the Collectors are requested to ensure that immediate relief is disbursed to the persons / families of the victims of natural calamities at their level without loss of time.

6) When sanctions are made for the claims of assistance towards various relief measures under provisions of TR 27 the excess expenditure over the budgetary provisions are to be regularized before the end of every financial year. Hence, the District Collectors are requested to ensure that necessary proposals for regularizing the excess expenditure over the budgetary proposals are sent to the Commissioner of Revenue Administration when RE/FMA proposals are sent.

7) The receipt of this circular may be acknowledged.

8) A copy of the circular may also be communicated to the Sub Collectors / Revenue Divisional Officers and Tahsildars.

Sd/- T.S. Sridhar
Additional Chief Secretary /
Commissioner of Revenue
Administration.

To
All District Collector (In name cover) (By Speed Post)
Copy to : The Secretary to Government, Revenue Department, Secretariat, Chennai-9
NC I Section and NC II Section.

Sd/- For Additional Chief Secretary
Commissioner of Revenue Administration.

ABSTRACT

Disaster Management - Natural Calamities - Norms of Assistance under State Disaster Response Fund (SDRF) - Amendment to norms of Assistance for providing Gratuitous relief for families whose livelihood is seriously affected - Amendment orders – Issued

REVENUE [DM.III(2)] DEPARTMENT

G.O.(Ms).No.243

Dated: 30.05.2022
Manmadha,Ippasi -11
Thiruvalluvar Andu – 2053 Read;

1. From the Government of India, Ministry of Home Affairs, New Delhi Letter No.32-7/2014-NDM-1, dated 08.04.2015.
2. G.O.(Ms) No.380, Revenue [DM.3(2)] Department, dated 27.10.2015.
3. From the Deputy Secretary to Government of India, Ministry of Home Affairs (Disaster Management Division), Letter No.04-01/2018-NDM-I, dated 01.12.2020.
4. theAdditionalChief Secretar1/ Com:11lsi0ner of Revenue Administration letter No.NC-1(2)/4675/2021, dated 26.11.2021.

ORDER:

In the letter fourth read above, the Additional Chief Secretary/ Commissioner of Revenue Administration has informed that the norms of assistance for providing relief under State Disaster Response Fund (SDRF) was communicated by Ministry of Home Affairs, Government of India in the year 2015. In continuation to this, the norms of assistance for sanction of relief under State Disaster Relief Fund has been issued by the Government of Tamil Nadu vide G.O.(Ms)No.380, Revenue [DM.3(2)] Department, dated 27.10.2015.

The Additional Chief Secretary / Commissioner of Revenue Administration has further stated that, the Government of India, Ministry of Home Affairs (Disaster Management Division) have informed that, it has been decided to revise the norms in respect of Gratuitous Relief for families whose livelihood is seriously affected who are not housed in relief camps as follows:-

S.No.	Items	ExistLr)g	Revised
1 (e)	Gratuitous Relief for families whose livelihood is seriously affected.	Rs.60/-per andRs.45/- child adult per	Rs.100/- per adult and Rs.60/- per child

The Additional Chief Secretary / Commissioner of Revenue Administration has therefore requested the Government to issue amendment to the G.O. (Ms) No.380, Revenue [DM.3(2)] Department, dated 27.10.2015, by replacing the above details in l(e) under the item 1 "Gratuitous Relief":-

S.No.	Items	NormsofAssistance
1(e)	Gratuitous Relief for families whose livelihood is seriously affected.	Rs.100/- per adult and Rs.60/- per child not housed in relief camps. The Tahsildar shall verify and prepare a list of those affected and identify the beneficiaries. Period of providing gratuitous relief will be as per assessment of State Executive Committee and the Central Team (in case of NDRF). The default periods of assistance will be upto 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 limits subject to the stipulation that expenditure on this account should not exceed 25% of SDRF allocation for the year.

The Government after careful examination, accept the proposal of the Additional Chief Secretary / Commissioner of Revenue Administration and issue the following amendment in the annexure-I to G.O.(Ms) No. 380, Revenue Department, dated: 27.10.2015.

AMENDMENT

The following entry in the annexure-I to G.O.(Ms) No. 380, Revenue and Disaster Management Department, dated: 27.10.2015 regarding "revised list of items and norms of assistance from State Disaster Response Fund (SDRF) and National Disaster Response Fund (NDRF)" under the heading "Gratuitous Relief" shall be added :-

S.No.	Items	NormsofAssistance
1.	Gratuitous Relief for families whose livelihood is seriously affected.	Rs.60/- per adult and Rs.100/- per adult and Rs.45/- per child, not Rs.60/- per child, not housed in relief camps. The Tahsildar shall verify and prepare a list of those affected and identify the beneficiaries. Period of providing gratuitous relief will be as per assessment of State Executive Committee and the Central Team (in case of NDRF). The

		<p>default of NDRF). The default periods of assistance will be periods of assistance will upto 30 days, which may be be upto 30 days, which extended upto 60 days in may be extended upto 60 the first instance, if days in the first instance, required, and subsequently if required, and upto 90 days in case of subsequently upto 90 drought pest attack. days in case of drought Depending on the ground pest attack. Depending situation, the State on the ground situation, Executive Committee can the State Executive extend the time period Committee can extend beyond the prescribed limit the time period beyond subject to the stlpu!ation the prescribed limit that expenditure on this subject to the stipulation account should not exceed that expenditure on this 25% of SDRF allocation for account should not the year. exceed 25% of SDRFallocation for the year</p>
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(BYORDEROFTHEGOVERNOR)

**KUMARJAYANT
PRINCIPALSECRETARYTOGOVERNMENT**

To
 The PrincipalSecretary/Commissioner of
 RevenueAdministration,Chepauk, Chennai-5.
 TheDirector,DisasterManagement,Tamil Nadu Disaster Risk Reduction Agency,
 Chepauk, Chennai-5.
 TheSecretarytoGovernmentofIndia,MinistryofHomeAffairs, New Delhi- 110 001.

[Handwritten Signature]
 01.06.22
Section Officer
[Handwritten Initials]
 1.6.22

ABSTRACT

Disaster Management - Minimum Standards of Relief for Victims of Disasters - Guidelines on "Minimum Standards of Relief to the Persons affected by Disasters with the special provisions for Widows and Orphans" - orders issued.

REVENUE [DM.III(2)] DEPARTMENT

G.O.(Ms).No.243

Dated: 20.07.2022
Manmadha,Ippasi -11
Thiruvalluvar Andu - 2053 Read;

1. From Joint Secretary (policy &Plan) to government of india letter No.NDMA/RR/621/2015/7315-1472, Dated : 10.12.2015 and 25.02.2016.
2. From the Principal Secretary/Commissioner of Revenue Administration letter No.NCIII(1)/40669/2013, dated: 23.03.2016 & 27.12.2021
3. From under secretary to government National Disaster Management Authority letter No.NDMA/RR/621/2015-Vol-II, Dated: 23.05.2022

Order:

In the letters first read above, the Joint Secretary (Policy & Plan) to Government of India has informed that, the National Disaster Management Authority has formulated National guidelines on Minimum Standards of Relief for Food, Drinking Water, Medical Cover and Sanitation & Shelter as well as Special Provisions to be made for Widows and Orphans during Disasters and also insisted the State Governments to "lay down detailed guidelines for providing standards of relief to persons affected by disaster in the State, provided that such standards shall in no case be less than the minimum standards in the guidelines laid down by the National Authority in this regard" as per Section -19 of Disaster Management Act, 2005

In the letter second read above, the Principal Secretary / Commissioner of Revenue Administration has sent a draft guidelines for the minimum standard of relief to be provided to the persons affected by Disaster with Special provisions for Widows and Orphans based on the guidelines laid down by the National Disaster Management Authority to Government for approval.


The Government after careful examination, accepts the proposal of the Principal Secretary / Commissioner of Revenue Administration for formulating the draft guidelines on minimum standard of relief to be provided to the persons affected by Disaster with Special provisions for Widows and Orphans and issue orders accordingly.

The Guidelines on Minimum Standards of Relief to be provided to the persons affected by Disasters with Special Provisions for Widows and Orphans is annexed to this Government Order.

(BYORDEROFTHEGOVERNOR)

**KUMARJAYANT
PRINCIPALSECRETARYTOGOVERNMENT**

To
The PrincipalSecretary/Commissioner of
RevenueAdministration,Chepauk, Chennai-5.
TheDirector,DisasterManagement,Tamil Nadu Disaster Risk Reduction Agency,
Chepauk, Chennai-5.
TheSecretarytoGovernmentofIndia,MinistryofHomeAffairs, New Delhi- 110 001.


Section Officer
01.06.22
1.6.22

Annexure to G.O.(Ms} No.335. Revenue and Disaster Management

[D.M.3(2}1 Department. dated 20.07.2022

STATE DISASTER MANAGEMENT AUTHORITY, TAMILNADU

GUIDELINES ON MINIMUM STANDARDS OF RELIEF

Introduction:-

Section 12 of the Disaster Management Act, 2005 (Central Act 53 of 2005) mandates the National Disaster Management Authority (NDMA) to recommend Guidelines for minimum standards of relief to be provided to persons affected by disaster which shall include:

- (A) The minimum requirements to be provided in the relief camps in relation to shelter, food, drinking water, medical cover, sanitation
- (B) Special provisions to be made for Widows and Orphans.
- © Ex-gratia assistance on account of loss of life as also assistance on account of damage to houses and for restoration of means of livelihood
- (D) Such other relief as may be necessary.

Accordingly, the National Disaster Management Authority has released the guidelines for Minimum Standards of relief on 25.02.2016. As per section 19 of the said Act, the State Disaster Management Authority shall lay down detailed guidelines for providing standards of relief to persons affected by disaster in the State and such standards shall in no case be less than the minimum standards in the guidelines laid

down by National Authority. Hence, the State Disaster Management Authority, Tamil Nadu has worked out the basic minimum standards of relief to be provided to the persons affected by disaster as follows:-

Relief and Rehabilitation Camp:-

Relief shelters and Rehabilitation camps shall be set up in order to accommodate people affected by a disaster. The camp shall be temporary in nature, with basic necessities. People in the camp shall be encouraged to return to their respective accommodation once the normalcy is returned.

The District Administration sometimes may not be able to implement all the basic guidelines recommended by State Disaster Management Authority from the day one of the disaster and therefore, the following method shall be followed:

(a) First three days - Basic norms to the possible extent may be followed.

(b) From 4th to 10th day - Efforts should be made to follow most of the norms recommended by the State Disaster Management Authority in this Guidelines.

© From 11th day and above - State Disaster Management Authority's prescribed norms shall be followed.

The factors like terrain, climatic conditions at the site of disaster etc., will also impact the requirement and ability of the administration and other stakeholders to deliver relief. These constraints shall also be kept in view while prescribing minimum standards of relief.

Minimum Standards in respect of Shelter in relief camps.-

(a) District Administration shall take necessary steps to pre- identify locations/buildings like local schools, anganwadi centers/cyclone shelters/community centers/marriage halls etc which can be used as Relief shelters where people can be accommodated in case of disaster in the area. In such centers, necessary facilities like sufficient number of toilets, water supply, generators with fuel for power back up during disasters shall be ensured.

(b) After a disaster, large covered space shall be required to accommodate the affected people. In order to avoid last minute arrangement and high cost, District Administration can explore the option of advance Memorandum of Understandings with manufacturers/suppliers for supply of factory made fast track pre-fabricated shelters/tents toilets/mobile toilets and urinate etc. which can be dismantled and taken back by the supplier after the closure of the camp. This arrangement shall avoid delay in setting up of camp and exorbitant billing of essential supplies.

(C) In the relief centers, 3.5 Sq.m. of covered area per person with basic lighting facilities shall be catered to accommodate the victims. In mountainous areas, minimum covered area shall be relaxed due to lack of available flat land/built up area. Special care shall be taken for safety and privacy of inmates, especially for

women, widows and children and special arrangements should be made for differently-abled persons, old and persons who need immediate medical assistance.

(D) Sufficient number of sites based on population density shall be identified as relief centers and earmarked well in advance at the time of planning and development of a metro/city/town.

Minimum Standards in respect of Food in relief camps.-

(a) Milk and other dairy products shall be provided for the children and lactating mothers. Every effort shall be taken in the given circumstances to ensure sufficient quantity of food is made available to the affected people (especially for aged people and children) staying in the relief shelters/camps.

(b) Sufficient steps shall be taken to ensure hygiene at community/camp kitchens. Date of manufacturing and date of expiry of the packaged food items shall be ensured before distribution of the same.

(c) It shall be ensured that men and women are supplied food with minimum calorie of 2,400 Kcal per day. In respect of children/ infants, the food to be supplied would be 1,700 Kcal per day.

Minimum Standards in respect of Water in relief camps.-

(a) Sufficient quantity of water shall be provided in the relief camps for personal cleanliness and hand wash,

(b) It may be ensured that the minimum supply of 3 liters per person, per day of drinking water is made available in the relief camps. Further, the District authorities shall adjust the minimum quantity of water etc as per the geographic, demographic and social practices of the region. If other means for providing safe drinking water is not possible at least double chlorination of water needs to be ensured.

(c) In order to ensure adequate water supply, the location of the source of water supply shall preferably be within the premises of relief shelter / camp. However, the maximum distance from the relief camp to the nearest water point shall not be more than 500 mtrs, if tapped water supply is available.

Minimum Standards in respect of Sunitation in relief camps.-

(a) Number of toilets: One toilet for 30 persons may be arranged/built. Separate toilet and bath area be catered for women and children. At least 15 litres of water per person needs to be arranged for toilets/bathing purposes. Hand wash facility in toilets should be ensured. Steps may be taken for control of spread of diseases. Dignity kits for women shall be provided with sanitary napkins and disposable paper bags with proper labeling.

(b) Toilets shall not be more than 50 m away from the relief camps. Pit Latrines and Soak ways shall be at least 30 m from any ground water source and the bottom of any latrine has to be at least 1.5 m above the water level.

(c) Drainage or spillage from defecation system shall not run towards any surface water source or shallow ground water source.

Minimum Standards in respect of medical cover in relief camps.-

(a) Mobile medical teams shall visit relief camps to attend the affected people. Steps shall be taken to avoid spread of communicable diseases.

(b) If the relief camps are extended over a long time, then necessary arrangement may be made for psychosocial treatment.

(c) Helpline should be set up and contact number and details of which shall be displayed at the relief/shelters and adequately publicized to inform the people.

(d) For pregnant women, necessary basic arrangements shall be made by the local administration for safe delivery.

(e) Advance tie-up/arrangement shall be made with the Government/private hospitals so that necessary doctors/para- medical staff are available at short notice for relief camps to attend to the affected people. In respect of people who are affected and being referred to hospitals for treatment/operation etc., suitable transportation shall be arranged to reach to referred hospital.

(f) In order to manage mass casualty in a disaster, advance contingency plans for management of multiple casualties shall be developed.

Minimum Standards of Relief for Widows and Orphans.-

(a) In each camp, a separate register shall be maintained for entering the details of women who are widowed and for children who are orphaned due to the disaster. Their complete details shall be entered in the register, duly counter signed by the concerned officials and this register shall be kept as a permanent record with the District administration.

(b) Special care shall be given to widows and orphans who are separated from their families.

(c) As the widow/family shall be economically weak, the District administration shall provide a reasonable amount for the funeral rites of her husband after confirming that the death has caused due to Natural Calamity. Further, this payment shall be deducted from the subsequent financial compensation/relief that shall be paid by the Government.

(d) Necessary financial compensation and other Government assistance need to be arranged within 45 days of the disaster to the Widow and to the Orphaned children. In respect of orphaned children, similar certificate shall be issued and the children need to be taken care of properly and the funds that may be given to the

children by the Government shall be duly deposited in a Public Sector Undertaking Bank in a Joint Account where the District Collector shall be the first account holder of the Bank account. Interest from the fund can be given to the child/guardian every month for his/her proper upkeep. Education for the child shall be ensured by the District/ local administration.

(e) As far as ex-gratia assistance on account of loss of life and also assistance on account of damage to houses and for restoration of means of livelihood, the following norms from State Disaster Response Fund assistance shall be followed :-

Norms of Relief Assistance as provided by Government of India and Government of Tamil Nadu State Disaster Response Fund NORMS			
S. No.	Item	Gratuitous Relief	Norms of relief assistance
(1)	(2)	(3)	(4)
1.	Ex-gratia payment to families of deceased persons		Rs.4.00 lakh per deceased person including those involved in relief operations or associated in preparedness activities subject to the condition that the certification regarding cause of death from appropriate authority.
2	Ex-gratia payment for loss of a limb or eyes		(i) Rs.59,100/- per person when the disability between 40% and 60% (ii) Rs.2.00 lakh per person when the disability is more than 60% Subject to the condition that the certification by the doctor from a hospital or dispensary of Government regarding extent and cause of disability.
3	Payment towards Hospitalization		(i) Rs.12,700/- per person requiring hospitalization more than a week (ii) Rs.4,300/- per person requiring hospitalization for less than a week.
4	Clothing and utensils / household goods for families whose houses have been washed away fully damaged/ severely inundated for more than a week		(i) Rs. 1800/- per family for loss of clothing ii) Rs.2000/- per family for loss of utensils/ household goods.

5	Housing (a) Fully damaged/ destroyed houses/severely damaged Pucca house	(i) Rs.95,100/-perhouse in plain areas (ii) Rs.1,01,900/-perhouse in hilly areas including Integrated Action Plan (IAP) Districts.
	(b) Partially damaged Houses, Pucca (other than huts) where the damage is at least 15%	Rs.5,200/-perhouse

Kumar Jayant

Principal Secretary to Government

// True copy //

[Handwritten Signature]
01.06.22
Section Officer
[Handwritten Initials]
1.6.22

CHAPTER – 28

LINKAGES WITH INDIAN DISASTER RESOURCE NETWORK

The inventory available with District has been listed in the Indian Disaster Resource Network and the link to the web site is given below:

www.idrn.gov.in

CHAPTER – 29

MOCK DRILL PROGRAMME DETAILS

29.1 PROFORMA FOR POST FAMILARISATION EXERCISE REPORT

- 1.Name and place for exercise :Familiarization Exercise at **Erode District**
 2.Date and duration : **01.07.2024 to 13.07.2024**
 3. Name of Team & Team Comdr : **SI/EXES SATHISH KUMAR** along with 09OR's
 4. Strength

Search Element	Rescue Element	Command Element	Medical element	Tech Support element
03	04	01	01	01

5. Stores carried : Fully equipped (CSSR, MFR, Rope rescue & CBRN)
 6. Aim of the exercise:To familiarize with ErodeDistrict (TamilNadu) and carry out Communityawareness programme and school, visit of MAH units,along with visit of the District vulnerable areasand visit of Hospitals and their capacity of treating victims in case of any disaster.
 7. District Information Folder: Enclosed as per Appendix-A
 8. Details of activities carried out, associated with the Familiarization Exercise:-

DETAILS OF ACTIVITIES CARRIED OUT DURING THE EXERCISE IS AS UNDER

It is submitted that one sub-team consisting of 10 NDRF personnel (SOs-01&Ors-09) conducted Familiarization exercise and Community Awareness/Preparedness programme on Disaster Management, Vulnerable area visit on various places during Famex inErodeDistrict,Tamil Nādu w.e.f. **01.07.2024 to 13.07.2024.**

DAY	Date	Activities carried out
1 st	01/07/2024	Team conducted meeting at theDistrictCollectorate Office with the DistrictCollector and District DisasterManagementOfficials. The following Districtofficials were present during the meeting and discussed regarding the familiarization proceedings. 1. Shri Raja Gopala Sunkara, IAS(District Collector), 2. Shri T Mohammed Kuthurathulla(PA)(G), 3. Smt Ambika (DFO), 4. Mr G Angamuthu (DM Tehsildar), 5. Mr G Muthu Krishnan (Tehsildar)
2 nd	02/07/2024	Team conducted Community Awareness programme atVETInstitute of Arts and science, Erode regarding Disaster management and rescue operations from 0955hrs to 1500hrs.During the session the following topics were covered:Introduction to Disaster and its types and effects, role

		<p>and responsibility of NDRF, Before, during and after of earthquake including (DCH) and drill by students, capacity building on first aid safety, bleeding control tech., Head injury PHT, Impaled object, shoulder dislocation stabilization, CPR and FBAO adult and infant, Emergency moves, direct and indirect rescue methods during flood, Improvised floating devices, lifting carrying methods, improvised stretcher, snakebite, exposure to basic rope knots. Also briefed regarding the weather-based applications like Mausam, Dhamini, Sagar Vani, Bhookamp, NDEM 4.0 Applications.</p> <p>Total Beneficiaries- 110, students-95, staffs-15, Male- 60 and Female-50, Tesildar-01, Revenueinspector-01, VAO-01, Fire (DFO)-01.</p>
3 rd	03/07/2024	<p>Team conducted vulnerable area visit of Erode District from 0920hrs to 1400hrs in presence of the District officials Mr G Muthu Krishnan (Tehsildar), Mr P Anandan (Exe Engineer), Mr Navanithan (Jr Engineer), Mr Thiru Murthy (Jr Engineer). The following vulnerable areas were visited:</p> <ol style="list-style-type: none"> 1. Stoney Bridge 2. Annaisthayanagar 3. Ward 45 Ex serviceman colony 4. Ward 45 Asogapuri.
4 th	04/07/2024	<p>Team conducted School Safety Programme at Govt. Boys Higher Secondary School, Perundururai Taluk, Erode District, regarding Disaster management and rescue operations from 0955hrs to 1500hrs. During the session the following topics were covered :Introduction to Disaster and its types and effects, role and responsibility of NDRF, Before, during and after of earthquake including (DCH) and drill by students, capacity building on first aid safety, bleeding control tech. ,Head injury PHT, Impaled object, shoulder dislocation stabilization ,CPR and FBAO adult and infant, Emergency moves, direct and indirect rescue methods during flood, Improvised floating devices, lifting carrying methods, improvised stretcher, snakebite, exposure to basic rope knots. Also briefed regarding the weather-based applications like Mausam, Dhamini, Sagar Vani, Bhookamp, NDEM 4.0 Applications. Also, Earthquake mock drill was carried out by engaging the school students.</p> <p>Total Beneficiaries-210, students-190, staffs-20 Male- 202, Female- 08, Tehsildar-01, Deputy Tehsildar-02, Revenueinspector-01, VAO-01, Fire-16.</p>
5 th	05/07/2024	<p>Team conducted vulnerable area visit at Modakuruchi Taluk, Erode District from 0920hrs to 1500hrs in presence of the District officials Mrs M Vasanthamanohari (Dy. Tehsildar), Ms Yuvarani (RI), Mohan Raj (VAO), Mr Dharani dharan (VAO), Mrs Parmila (VAO), Mr Soma Sundaram (VAO), Mr K Mayavan (Village president).</p> <p>The following vulnerable areas were visited:</p> <ol style="list-style-type: none"> 1. Kangayampalayam

		<ol style="list-style-type: none"> 2. Punjailakapuram 3. Punjaikalamangalam A &B 4. Enjampalli
6 th	06/07/2024	<p>Team conducted Community Awareness programme at SSM Pharmacy College, Bhavani Taluk, Erode regarding Disaster management and rescue operations from 0955hrs to 1500hrs. During the session the following topics were covered :Introduction to Disaster and its types and effects, role and responsibility of NDRF, Before, during and after of earthquake including (DCH) and drill by students, capacity building on first aid safety, bleeding control tech. ,Head injury PHT, Impaled object, shoulder dislocation stabilization, CPR and FBAO adult and infant, Emergency moves, direct and indirect rescue methods during flood, Improvised floating devices, lifting carrying methods, improvised stretcher, snakebite, exposure to basic rope knots. Also briefed regarding the weather-based applications like Mausam, Dhamini, Sagar Vani, Bhookamp, NDEM 4.0 Applications.</p> <p>Total Beneficiaries-310, students-280, staffs-30, Male- 143 and Female-167, Dy. Tesildar-01, Revenueinspector-01, VAO-01.</p>
7 th	07/07/2024	<p>Team conducted Hospital visit at District Headquarter Hospital from 1015hrs to 1300hrs. During the visit the following officials were met and discussed regarding their capacity of treating victims in case of any disaster.</p> <ol style="list-style-type: none"> 1. Dr Amika Shanmugam(superintendent) 2. Dr Venkatesh (Assistant superintendent) 3. Dr Sasi Rekha (RMO) 4. Dr Srinivasan (ARMO) 5. Mr G Muthu Krishnan (Tehsildar)
8 th	08/07/2024	<p>Team conducted School Safety Programme at Sharadha Matriculation School, Gopichetipalayam Taluk, Erode District, regarding Disaster management and rescue operations from 0955hrs to 1500hrs. During the session the following topics were covered :Introduction to Disaster and its types and effects, role and responsibility of NDRF, Before, during and after of earthquake including (DCH) and drill by students, capacity building on first aid safety, bleeding control tech. ,Head injury PHT, Impaled object, shoulder dislocation stabilization ,CPR and FBAO adult and infant, Emergency moves, direct and indirect rescue methods during flood, Improvised floating devices, lifting carrying methods, improvised stretcher, snakebite, exposure to basic rope knots. Also briefed regarding the weather-based applications like Mausam, Dhamini, Sagar Vani, Bhookamp, NDEM 4.0 Applications. Also, Earthquake mock drill was carried out by engaging the school students.</p> <p>Total Beneficiaries-250, students-220, staffs-30, Male- 120, Female- 130, Tehsildar-01, Deputy Tehsildar-01, Revenueinspector-01, VAO-02</p>
9 th	09/07/2024	<p>Team conducted Community Awareness programme at Govt.</p>

		<p>College of Arts & Science, Nambiyur Taluk, Erode, regarding Disaster management and rescue operations from 0955hrs to 1500hrs. During the session the following topics were covered :Introduction to Disaster and its types and effects, role and responsibility of NDRF, Before, during and after of earthquake including (DCH) and drill by students, capacity building on first aid safety, bleeding control tech. ,Head injury PHT, Impaled object, shoulder dislocation stabilization ,CPR and FBAO adult and infant, Emergency moves, direct and indirect rescue methods during flood, Improvised floating devices, lifting carrying methods, improvised stretcher, snakebite, exposure to basic rope knots. Also briefed regarding the weather-based applications like Mausam, Dhamini, Sagar Vani, Bhookamp, NDEM 4.0 Applications.</p> <p>Total Beneficiaries-290, students-270, staffs-20, Male- 180, Female- 110, Tehsildar-01, Deputy Tehsildar-01, Revenueinspector-01, VAO-02.</p>
10 th	10/07/2024	<p>Team conducted Major Industrial Area Visit at Bannari Amman Sugars Ltd and Sakthi Sugars Ltd of Bhavani Taluk, Erode District.</p> <p>Bannari Amman Sugars Ltd from 1000hrs to 1245hrs The following dignitaries were present during the visit:</p> <ol style="list-style-type: none"> 1. Mr Palanivelu, Dy. Tehsildar 2. Mrs Manjula, RI 3. Mrs Prema, VAO 4. Mr Meeranji, Village Assistant 5. Mr S Shanmuga Sundaram, GM 6. Mr K Sakthi vel, DGM 7. Mr P Malla Muthu, Safety Officer <ul style="list-style-type: none"> • Total no. of employees- 94 • Past accident / incident- nil • Assembly Area- 02 • Collected on-site mock drill data and all relevant documents. <p>Sakthi Sugars Ltd from 1420hrs to 1700hrs The following dignitaries were present during the visit:</p> <ol style="list-style-type: none"> 1. Mr Thyagaraj, Tehsildar 1. Mr Palanivelu, Dy. Tehsildar 3. Mrs Prema, VAO 4. Mr Meeranji, Village Assistant 5. Mr Mohan Kumar, GM 6. Mr Arusamy, DGM 7. Mr M Palani samy, Safety Officer 8. Mr Vellusamy, JE 9. Mr Thiruvengadam, President <ul style="list-style-type: none"> • Total no. of employees- 700 • Past accident / incident- nil • Assembly Area- 03 • Collected on-site mock drill data and all relevant

		documents.
11 th	11/07/2024	<p>Team conducted Community Awareness programme at Gandhi Arts & Science College, Sathyamangalam Taluk, Erode, regarding Disaster management and rescue operations from 0955hrs to 1500hrs. During the session the following topics were covered :Introduction to Disaster and its types and effects, role and responsibility of NDRF, Before, during and after of earthquake including (DCH) and drill by students, capacity building on first aid safety, bleeding control tech. ,Head injury PHT, Impaled object, shoulder dislocation stabilization ,CPR and FBAO adult and infant, Emergency moves, direct and indirect rescue methods during flood, Improvised floating devices, lifting carrying methods, improvised stretcher, snakebite, exposure to basic rope knots. Also briefed regarding the weather-based applications like Mausam, Dhamini, Sagar Vani, Bhookamp, NDEM 4.0 Applications.</p> <p>Total Beneficiaries-480, students-450, staffs-30, Male- 230, Female- 250, Tehsildar-01, Revenueinspector-01, VAO-02, Fire officer-01.</p>
12 th	12/07/2024	<p>1. Team conducted MAH unit/ industries visit at Sheela Foam Ltd from 0920hrs to 1130hrs and met with the following management officials and District officials during the meeting:</p> <ol style="list-style-type: none"> 1.Mr V Suresh Babu (operation) 2.Mrs Bindhukeshi Nair (HR) 3.Mr Vinod Kumar(Joint Director Industries) 4.MrPathiban(Safety officer) <p>General details:</p> <ul style="list-style-type: none"> • Conducted Awareness programme for the employees. Beneficiaries- 154 (male-134, female- 20) • Collected all required documents and MSDS data. • Conducted Tree Plantation- 30 saplings. <p>2. Team conducted MAH unit/ industries visit at Roca Parryware Ltd from 1145hrs to 1345hrs and met with the following management officials and District officials during the meeting:</p> <ol style="list-style-type: none"> 1.Mr Siva Kumar (Plant head) 2.Mr Sathish (HR) 3.Mr Pandi selvam(Head production) 4.Mr Karthik(Safety officer) 5.Mr Vinod Kumar(Joint Director Industries) <p>General details:</p> <ul style="list-style-type: none"> • Collected all required documents and MSDS data. • Conducted Tree Plantation- 30 saplings. <p>3. Team conducted MAH unit/ industries visit at Indane Bottling Plant from 1430hrs to 1600hrs and met with the following management officials and District officials during the meeting:</p> <ol style="list-style-type: none"> 1.Mr Amit Sharma (Plant head) 2.Mr Prem Sai(Safety officer) 3.Mr Vinod Kumar(Joint Director Industries)

		<p>General details:</p> <ul style="list-style-type: none"> Collected all required documents and MSDS data.
13 th	13/07/2024	<p>Team conducted meeting with the District Officials and final discussion regarding Familiarization Exercise and collected data pertaining to the District at Collector Office, Erode District, Tamil Nādu on dated 13/07/2024 which was held from 01/07/2024 to 13/07/2024.</p>

9. Problems faced during conducting FAMEX: -Nil
10. Suggestions: - Nil
11. Conclusion: -Our NDRF team was appreciated by the District Administrations and Local authorities.

SOME OF THE GLIMPSES OF FAMEX AT ERODE DISTRICT, TAMILNADU FROM 01/07/2024 TO 13/07/2024.











29.2 FIRE AND RESCUE DEPARTMENT - MOCK DRILLS ACTIVITIES





29.3. Conduct Of Regular Mock Drills Through Fire & Rescue Service

Training of Police personnel, Fire and Rescue Personnel, Public health and Medical staff in disaster mitigation, relief and rehabilitation have been conducted. Mock Drills have been conducted for Police personnel by simulating traffic accidents, hostage situations and terrorist strike.

Every month, Fire and Rescue officials are being conducted mock drills in schools involving teachers and students simulating fire. Drills on handling fire accidents have been simulated in industries in Hosur. Mock rescue drills simulating flood in Bhavanisagar dam have been conducted. All these drills have been conducted with the participation and involvement of people of several areas where the drills were conducted. During the disaster to save the people the well trained firemans rescue the people from danger.

Priority To Carry Out The Works:

This plan has been prepared giving priority for carry out works in vulnerable areas under the following six Major themes.

- Sustainable Agricultural Development
- Natural Resources Conservation
- Comprehensive Flood Protection
- Sustainable Management of Ecologically fragile areas
- Reduction of Man- Wild life conflicts.
- Reduction of Accidents or Accident free zones.

PLAN MAINTENANCE :

Plan maintenance is a dynamic process of updating the plan on a periodic basis. The back-bone of maintaining the plan is carrying out mock drills and updating the plan based on the lesson learnt as an outcome of the mock exercise which consists of identifying the gaps and putting in place a system to fill the same.

PLAN TESTING

The District Collector shall prepare, review and update District Disaster Management Plan (DDMP). He shall also ensure that disaster management drills and rehearsals are carried out periodically.

While updating the plan the following aspects need to be considered by the District Collector every year:

- a) Critical analysis of the outcome of exercises & mock drills as part of plan testing.
- b) Incorporation of lessons learnt in the updated plan as an outcome of mock exercises through identification of gaps and measures to fill them.
- c) The plan must be thoroughly tested and evaluated once in a year.

THE MAIN OBJECTIVES OF PLAN TESTING ARE TO

1. Determine the feasibility and compatibility of back up facilities and procedures.
2. Identify areas in plan that needs modification.
3. Identify training needs of key stakeholders.
4. Assess the ability of the department to respond to disasters.

IEC ACTIVITIES :

- First Responders (Village volunteers) have been identified and proper awareness created among their area and disaster.
- Press releases issued well in advance to create awareness among the public when change of climate and Monsoon conditions.
- Imparting proper training to line department officials and first responders.
- Do's / Dont's awareness pamphlets were distributed to the public.

29.4. Heat Wave Activities**DISTRICT FIRE AND INDUSTRIAL SAFETY COMMITTEE, ERODE**

As per standing G.O No.152 Labour Welfare and Skill Development (M2) Department Dt.03.10.2023, Erode District Fire and Industrial Safety committee had been constituted under the chairmanship of District Collector, Erode and Members are as follows,

1) Superintendent of police, Erode	Member
2) District Revenue Officer, Erode	Member
3) Joint Director of Industrial Safety and Health, Erode	Member Secretary
4) District Fire officer, Erode	Member
5) Deputy Chief Controller of Explosive	Member
6) Joint Director of Medical and Rural Health Services, Erode	Member
7) Industry Representative - Fireworks	Member
8) Industry Representative –Micro, Small and Medium Enterprises	Member

As directed by District collector, Erode a Joint inspection for Heat Wave Preparedness was carried out on 18.05.2024 and 20.05.2024. 26 Hospitals was inspected and necessary instructions were given to implement the following steps

Steps to be taken for Heat Wave preparedness, management and mitigation

General Preparedness at work Place (GPWP)

- Information Education and Communication (IEC) materials on the symptoms, risk, preventive measures, Dos and Don'ts on Heat Related Illness and heat waves to be displayed in the common places of the industries and also to be distributed to the employees.
- Safe and adequate drinking water to be provided at multiple points in work places.
- Electrolytes, Lime Juice, butter milk, ORS etc., may be made available to the workers /employees on extremely hot days to stay hydrated.
- Ample ventilation facilities shall be provided in work places.
- Cooling systems like air cooler, fans may also be provided.
- Proper shade and rest stations shall be provided for the workers
- Rescheduling of working hours to avoid peak heat period between 12.00 noon to 3.00 PM.
- Alternative transport like Buses /vans may be arranged for employees commuting by 2-wheelers or they may be advised to travel by public transport.
- Outdoor work activities like maintenance, loading / unloading of goods during peak sunny hours, extremely hot conditions shall be avoided.
- Intermittent breaks shall be provided for those doing strenuous works.
- Health station with paramedic / nurse shall be made available and Electrolyte supplements and other emergency medicines shall be kept in adequate quantities.
- Regular health check shall be conducted for the workers.
- Treatment and rest holidays shall be provided for those found unable to work in excessive heat conditions.
- If anyone is affected by Heat stroke, the person shall be taken immediately to the nearest Health Centre for proper medical aid as heat strokes could be fatal.
- Arrangements shall be made for the tie-up with local hospital for emergency care and ambulance facility etc.
- Proper and clean toilet and bathroom facilities at premises for both the employees and the Public shall be ensured.
- Better working conditions like accommodation, proper seating, rest in rotation and legal working hours shall be ensured.
- The areas where the working condition is very hot like steel rolling mill, furnace, tyre curing etc., two batches of workers may be engaged and each batch may work only for 1 hour or 2 hours on rotational basis after having rest in the room provided nearby.



CHAPTER – 30

DATE OF APPROVAL OF DISTRICT DISASTER MANAGEMENT PLAN

BY District Disaster Management Authority

The District Disaster Management Plan, 2024-2025 has been approved by the Erode District Disaster Management Authority.

CHAPTER - 31

DISASTER MANAGEMENT PLAN FOR FREQUENTLY FLOOD AFFECTED PLACES

Corporation

S.No	Category	Erode Corporation	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	2	Ward No.7	1) Vairapalayam area
3			Ward No. 60	2) P.S.Agrakaram area
4	Medium	6	Ward No.17	1) Kanthaiyan Thottam Malligai Nagar
5			Ward No.45	2) Ashokapuri
6				3) Annai Sathiya Nagar
7				4) Central Threatre area
8				5) Nesavalur colony
9				6) Kamarajar street, Nadar Medu
10	Low	0	0	0
Total		8	-	-

Bhavani Municipality

S.No	Category	Bhavani Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	13	Ward No. 4	1) Kanthan Pattarai
3				2) Pumping Station Back side
4			Ward No. 8	3) Somasundarapuram
5			Ward No.13	4) Palanipuram 1st Street & 4th Street
6			Ward No.20	5) Pasuveshwarar Street
7			Ward No. 21	6) Thanthai Periyar Street
8				7) Keeraikkara Street
9			Ward No. 22	8) Old Bus Stand
10				9) Makkan Street
11			Ward No. 25	10) Kalthozhilalar Street
12			Ward No.26	11) Srinivasapuram
13				12) Royal Theater Area
14			Ward No.27	13) Palakkarai Street
15			Medium	0
16	Low	0	0	0
Total		13	-	-

Sathyamangalam Municipality

S.No	Category	Sathyamangalam Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	5	Ward No.19	1) Pillaiyar Kovil Street
3				2) Muniyappa Kovil Street
4			Ward No.21	3) Mathimarathurai Veethi
5				4) Mamarathurai Santhu
6			Ward No.26	5) Parisalthurai Street
7	Medium	0	0	0
8	Low	0	0	0
Total		5	-	-

Gobichettipalayam Municipality

S.No	Category	Gobichettipalayam Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	0	0	0
3	Medium	13	Ward No.16	1) Perumal Samy Nagar
4				2) Sakthi Santhi Nagar
5			Ward No.17	3) Amman Nagar
6				4) Subbannan Street
7				5) Kabilar Street
8			Ward No.22	6) Sivashanmugam Street
9				7) S.D.N. Colony
10			Ward No.25	8) Sleater house Street
11				9) Najappa Street
12				10) Venkadachalam Pettai
13			Ward No.26	11) Saminathapuram
14			Ward No.27	12) Seethalakshmi Puram
15			Ward No.30	13) Anna Nagar
16	Low	0	0	0
Total		13	-	-

Vulnerable Areas of Town Panchayats

S.No	Category	Total Number	Name of the Town Panchayat	Ward	Location
1	Very High	0	0	0	0
2	High	14	Kodumudi	Ward No.5	1) Vadakku Theru
3				Ward No.9	2) Eluppu Thoppu
4			Kilambadi	Ward No.11	3) Kombu Palayam
5			Vengampur	Ward No.2	4) Kasipalayam
6			Appakudal	Ward No.10	5) Bhavani River Bank
7			Jambai	Ward No.9	6) Jambai
8			P.Mettupalayam	Ward No.9	7) P.Mettupalayam
9			Athani	Ward No.12	8) Odaimedu
10			Ammapettai	Ward No.10	9) Meenavar Street
11			Nerinjipettai	Ward No.2	10) Keel Theru
12			Anthiyur -B	-	11)Maavilakku Mariyamman Kovil Street
13			Anthiyur -B	-	12)Kannapan kinatru street
14			Anthiyur -B	-	13) Nehru Street
15			Perundurair	-	14) SIPCOT
16	Medium	11	Unjalur	Ward No.2	1) Unjalur
17			Chennasamudram	Ward No.2	2) Ramanathapuram
18			Modakkurichi	Ward No.3	3) Kosalai - Keerikalkadu
15				Ward No.15	4) Gandhi Street - Naduppalayam
16			Arachalur	Ward No.12	5) Komarapalayam Colony
17				Ward No.13	6) Vadapalani AD Colony
18			Aval Poondurai	Ward No.4	7) AD New Colony
19				Ward No.15	8) Pungadu Thirumangalam Main Street
				-	9) Aval Poondurai B
20			Nambiyur	Ward No.6	10) Periyar Nagar
21				Ward No.14	11) Rajeev Gandhi Nagar
23	Low	0	0	0	0
Total		25	0	0	0

Rural Panchayats

S. No	Category	No	taluk	Firka	Village	Location	
1	Very High	0	0	0	0	0	
2	High	31	Erode	Erode North	Anainasuvam Palayam	1) Seetharamayyar street	
3						2) Vaikkal Street	
4			Kodumudi	Kilambadi	Nanjai Kolanalli	3)Chathirappatti	
5			Gobichetti palayam	Vaniputhur	Nanjai Puliyam Patti	Perumugai	4)Parisalthurai Veethi
6							5) Adasapalaiyam
7			Kugalur	Ammapalayam	Mevani	6) Sanjeevirayan Kulam	
8						7) Mevani to Ammapalayam Road	
9						8) Ammapalayam to Ganeshanputhur Road	
10						9) Patel Veethi	
11						10) Mariamman Kovil Veethi	
12						11) Indra Nagar	
13			Pariyur	Nanjaigavundan palayam		12) Vathanakadu – Pathi Road	
14			Anthiyur	Athani	Keelvani	13) Kallakattuputhur Area	
15						Kuppandam palayam	14) Karuvalvadi Pudhur
16							15) Kamaraj Nagar
17						Moongilpatty	16) Meenavar Street
18							17) Mariyamman Kovil Street
19							18) Nadu Pillaiyar Kovil Street
20						19) Kamachi Amman Kovil Street	
21	Sathya mangalam	Sathya mangalam	Komarapalaya m	20) Fathima Nagar			
22				Alathukombai	21) Old Ration Shop street		
23				Ikkarainegama m	22) Moolakkarai Area		
24				Bhavanisagar	23) Amman Kovil Street		
25					24) Karuparayan Kovil		
26				Bhavanisagar	25) Boyar colony		
27	Arasur	Makkinagombai	26) Anna Nagar Area				

28			Bhavani	Bhavani	Uratchikottai	27) Kamatchi Amman Kovil	
29						28) Nethaji Nagar	
30				Kavindapadi	Kavindapadi	29) Gandhi Nagar	
31						30) Seraiyampalayam	
32						31) Koomputhottam	
33	Medium	24	Erode	Erode North	Elavamalai	1) Padithurai	
34					Elavamalai	2) Solamanthottam	
35			Modak kurichi	Modakkurichi	Punjai Lakkapuram	3) Pokkuvarathu Nagar	
36						4) A.D.Colony	
37					Kangayam Palayam	5) Kangayam Palayam	
38			Kodumudi	Kodumudi	Kolathu palayam	6) J.J.Nagar	
39			Perundururai	Chennimalai	Perundururai	7)Thiyagi kumaran Nagar, Mugsipidariyur, Chennimalai	
40						Perundururai	8)Ponmudi, Perundururai
41						Perundururai	9)Kullampalayam, Perundururai
42			Gobichetti palayam	Vaniputhur	Kongarpalayam	10) Vinoba Nagar	
43						11) MGR Nagar	
44					12) Vaniputhur Shandy Area		
45				Kugalur	Thalaikombu pudur	13)Thalaikombu pudur	
46			Sathya mangalam	Mathampalai yam	Matham palaiyam	14)Kanakkarasam palaiyam	
47					Nallur	Nallur	15) Nallur
48			Anthiyur	Pacham palayam	Pachampalayam	16)Periyar Nagar	
49					Pacham	Pachampalayam	17) ASM Colony
50					palayam	Pachampalayam	18) Bagavan Garden
51					Pacham	Pachampalayam	19) Amman Nagar
52					palayam	Pachampalayam	20)Azhagan Nagar (Ravindran Hospital)
53					Pacham	Pachampalayam	21)Annamaduvu
54					palayam	Pachampalayam	22) Neykarai,Settinodi
55				Thalavadi	Thalavadi	23)Hasanur	
56					Thalavadi	24) Iggalur	

41	Low	14	Erode	Erode North	Elavamalai	1) Sudukattuthurai	
42						2) Karupparayan Kovil	
43						3) Odai	
44					Mettunasuvam palayam	4) Nattuvan kattu	
45						5) Kandhasamythottam	
46						Karaiellapalaya m	6) Sudukattuthurai
47			Modakkurichi	Modakkurichi	Punjai Kalamangalam -B	7) Kaalakathi Kuttai	
49						Enjampalli A	8) Murungayaiyan Savadi
50			Bhavani	Bhavani	Kurichi	9) Koothampatti	
51						Varadhanallur	10) Varadhanallur area
52						Bhavani	11) Sanniyasipatti area
53						Kurichi	12) Singampettai area
54							13) Kadappanallur area
55			14)Kesarimangalam area				
Total		69					

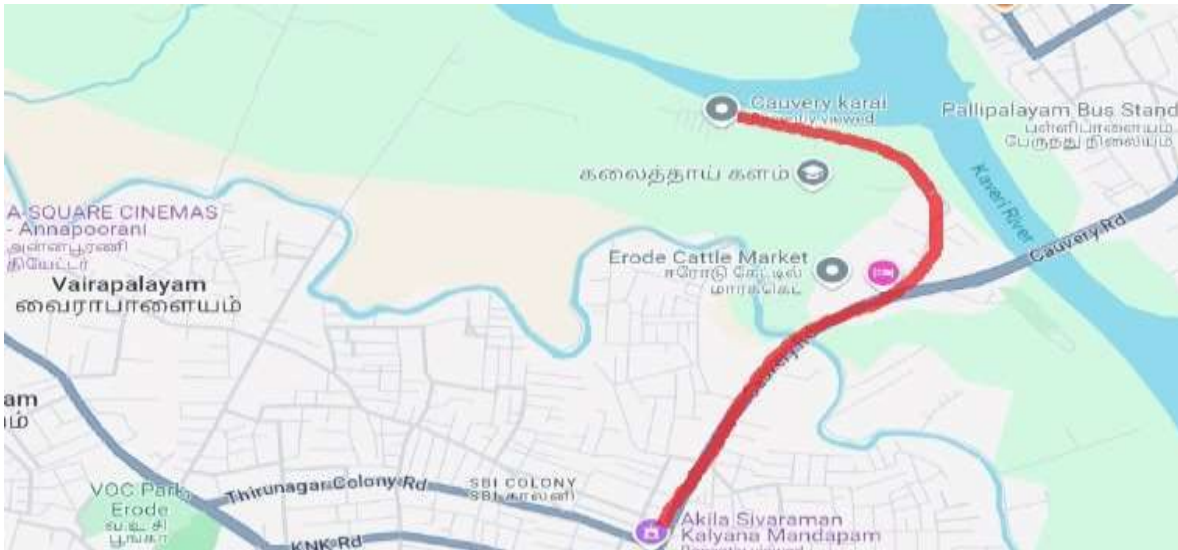
CHAPTER - 32

PREPARATION OF TRAFFIC PLAN BY POLICE TO ESTABLISH GREEN CORRIDOR TO VULNERABLE AREA

ERODE TOWN SUB DIVISION - Karungalpalayam PS

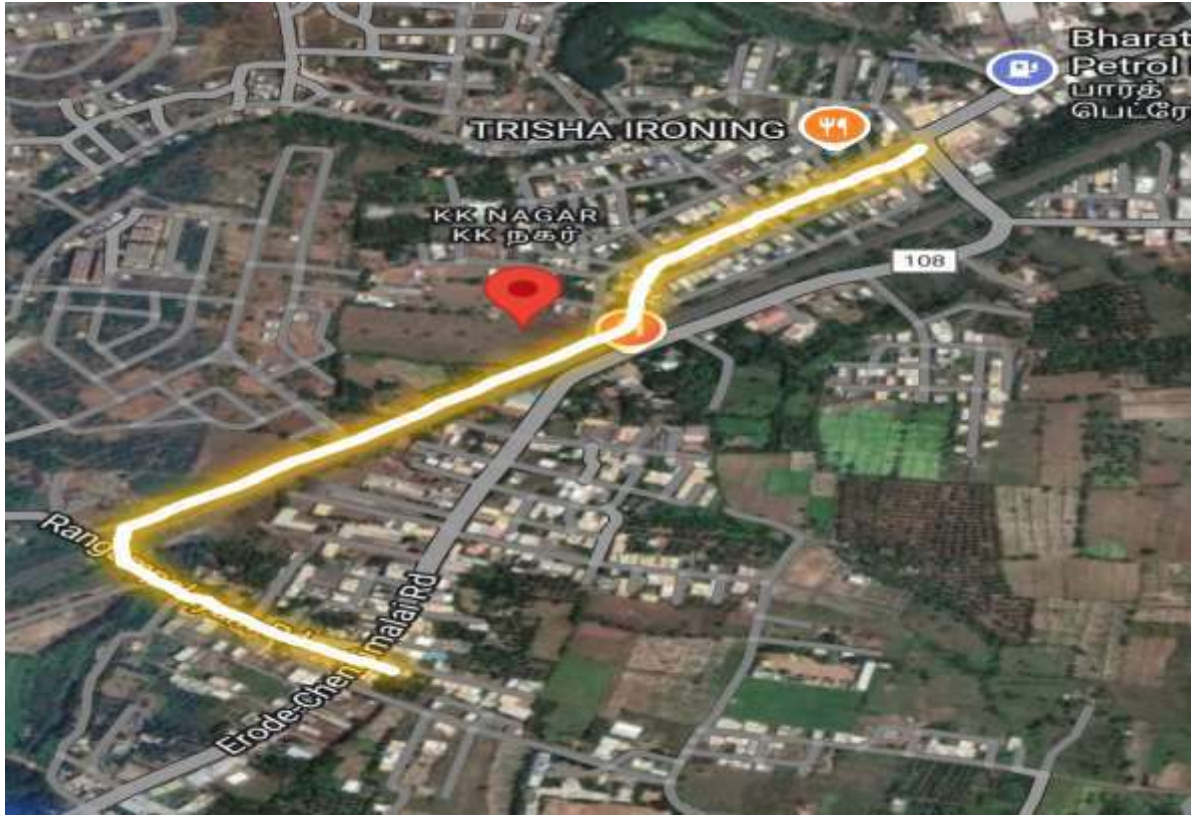
Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Karungalpalayam	Cauvery River area Muniyappan Nagar	Cauvery Road	Akila Sivaraman marriage mahal

KARUNGALPALAYAM PS ALTERNATIVE ROUTE RESCUE PLACES



Erode Taluk PS

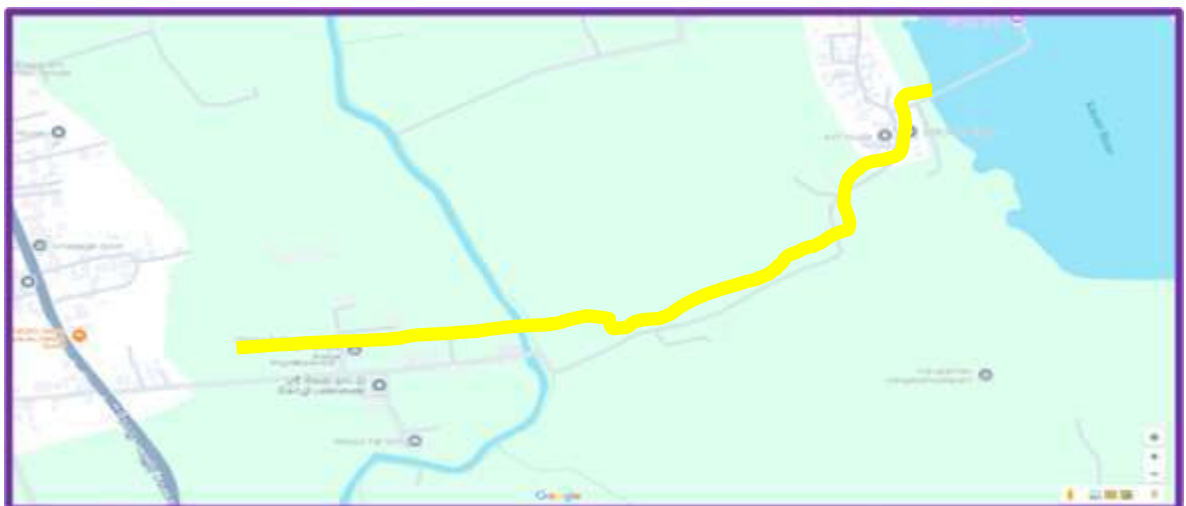
Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Erode Taluk	K.K.Nagar Entrance Bridge	Jeeva Nagar, Rangampalayam, Chennimalai Road	KasimahalRangampalaym



Modakurichi PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Modakurichi	Cauvery River area Kangayampalayam	Savadipalaiyam Pudur	Samuthayakudam, Kattupalayam Modakurichi

MODAKURICHI PS ALTERNATIVE ROUTE RESCUE PLACES



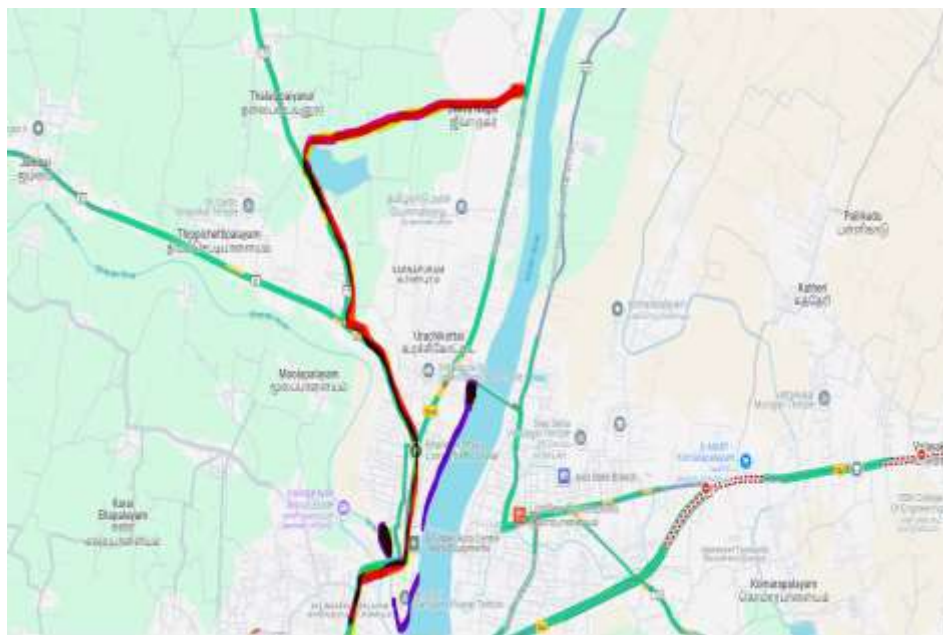
MODAKURICHI PS ALTERNATIVE ROUTE RESCUE PLACE



BHAVANI SUB DIVISION - Bhavani PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Bhavani PS	1.Kandan Pattarai,Kauvery Nagar. 2.Old Bridge 3. Old Busstand	1.Kandan Pattarai Godown, 2.Vivekanantha School Sellyandiyamman Kovil Near	Iyyappa Seva Mandapam,Kooduthurai

BHAVANI PS ALTERNATIVE ROUTE RESCUE PLACES



Appakoodal PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Appakoodal PS	Karuvalvadipudur	Athani to Gobi , Athani to Anthiyur	Athani Community Hall

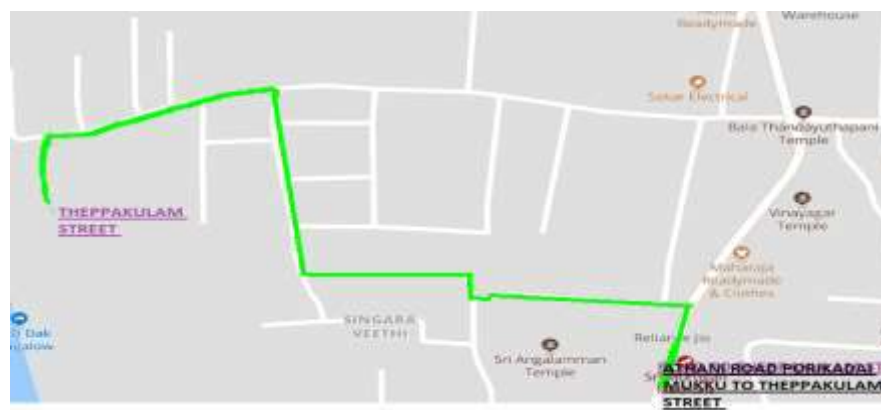
APPAKOODAL PS ALTERNATIVE ROUTE RESCUE PLACES



Anthiyur PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Anthiyur	Theppakulam Street	Athani Road Porikadai Mukku, Singaraveethi to Theppakulam Street	1.PUE School West Theppakulam Street 2.Samathuvapuram, Community Hall

Anthiyur Ps Limit Theppakulam Alternative Route Rescue Places



Anthiyur PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Anthiyur	ASM Colony Vellithiruppur Road Anthiyur	Vellithiruppur to Anthiyur Road, Maravan Kuttai (Via)	1.PUE School East , Bargur Road

ANTHIYUR PS LIMIT ASM COLONY - ALTERNATIVE ROUTE RESCUE PLACES



Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Anthiyur	Annamaduvu	1.Ammapetai to Anthiyur Road 2.Athani to Anthiyur Road	Lakshmikalyana Mandapam

ANTHIYUR PS LIMIT ANNAMADUVU - ALTERNATIVE ROUTE RESCUE PLACES



Chithode PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Chithode	Karaiellapalayam	Ayyampalayam, Virumandampalayam, Elavumalai, Moolapalayam, Veterinary hospital, Kalingarayanpalayam	Nasiyanur Amman Kovil Marriage Hall

CHITHODE PS PS ALTERNATIVE ROUTE RESCUE PLACES



Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Chithode	Pallathur	Nasiyanur to Erode road and Pallathur to NH Bypass road, Nasiyanur	Raja Marriage Hall

CHITHODE PS PS ALTERNATIVE ROUTE RESCUE PLACES



GOBICHETTIPALAYAM SUB DIVISION - GOBICHETTIPALAYAM PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Gobi	Savandapur, Raginampalayam, Ammapalayam (Bhavani River)	1. Gobi Pariyur 2. S. Ganapathipalayam	Pariyur Koil Mandapam, Govt. School, Savadapur



KAVUNDAPADY PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Kavundapady	Indranagar, Perunthaliyur	Bhavani, Appakudal, Perunthaliyur	Community Hall Kavundapadi
Kavundapady	Gandhinagar Kavundapadi	Erode, Chithode, Kavundapadi	Community Hall Kavundapadi
Kavundapady	Kavundapadipudur	Erode, Chithode, Kavundapadi	Mariamnkovil marriage hall, Kavundapadipudur

KAVUNDAPADY PS - TRAFFIC PLAN MAP



KADATHUR PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Kadathur	Arasur JJ Nagar	Sathy to Gobi Main road	Indiyampalayam Community hall.

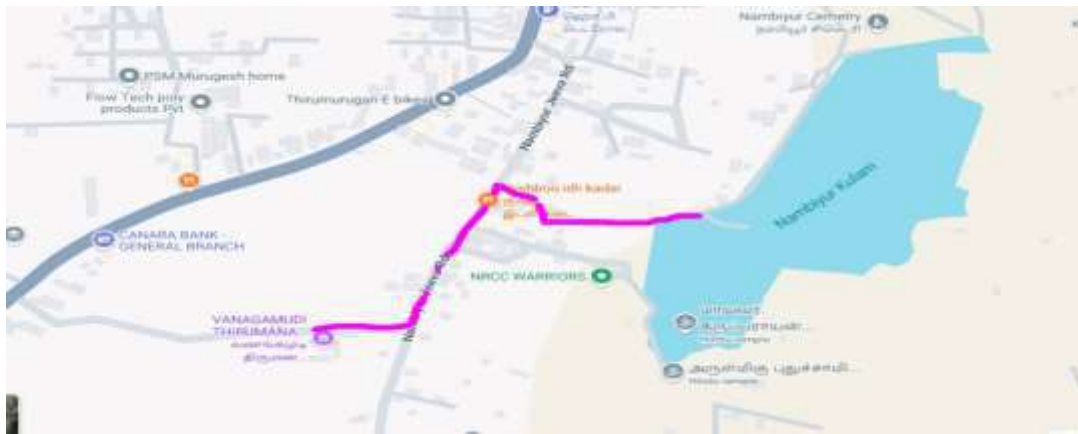
KADATHUR PS TRAFFIC PLAN MAP



NAMBIYUR PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Nambiyur	Chettiyampathy	Pliyampalayam Road and Kedarai Road	Sivasakthi Kalyana mandapam-

NAMBIYUR PS TRAFFIC PLAN MAP



SATHY SUB DIVISION - Sathyamangalam PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Sathyamangalam	MamarathuPad ithurai Sembadar palayam Sadumugai	Erode – Sathyamangalam Kodivery road Sadumugai Sembadar palayam	Nerhunagar Community Hall Ariyappam palayam Community Hall

SATHYAMANGALAM PS ALTERNATIVE ROUTE RESCUE PLACES



Bungalowpudur PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Bungalowpudur PS	KanakkampalayamV edhaparaiPallam (Other road)	Bhavani to Athani to Kallipatti	KanakkampalayamSamuth ayakoodam
Bungalowpudur PS	Kondaiyampalayam Sengattupallam (SH 82)	Kavuntapadi- DG Pudur to TN Palayam	KallipattiMaragatharamasa my mahal

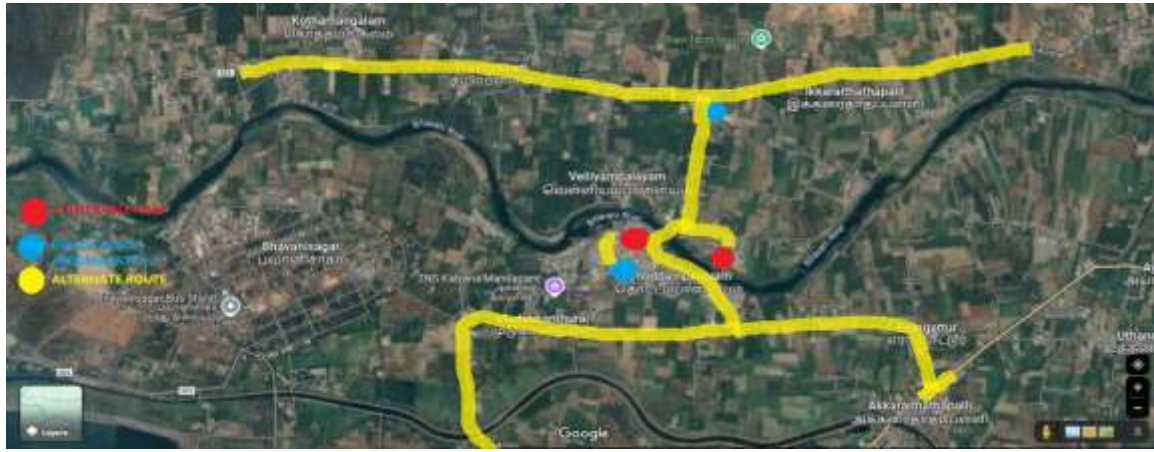
BUNGALOWPUDUR PS ALTERNATIVE ROUTE RESCUE PLACES



Bhavanisagar PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Bhavanisagar	Dhottampalayam (Other road)	Sathy - Baguthampalayam - Ikkaraithathapalli - Velliyampalayamputhur - Dhottampalayam	Government Community Hall, Velliyampalayam Power HOUSE
Bhavanisagar	Velliyam palayam pudur (other road)	Sathy - Erangatoor- Dhottampalayam - Velliyam palayam	Government Primary school (Dhottampalayam)

BHAVANISAGAR PS ALTERNATIVE ROUTE RESCUE PLACES



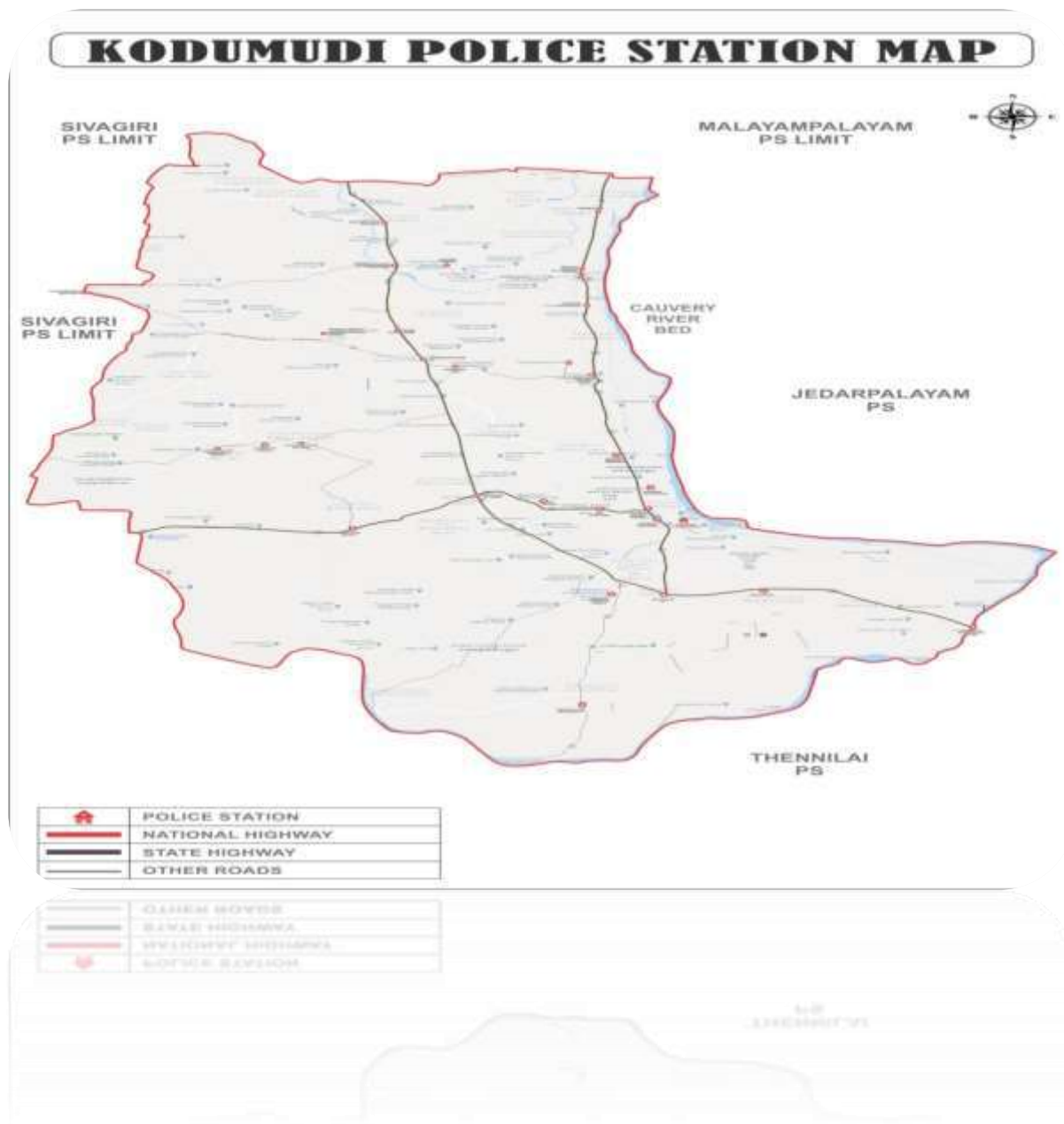
PERUNDURAI SUB DIVISION - MALAYAMPALAYAM PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Malayampalayam	Ariyankattupalam	Kolathupalayam via Muthayeepalyam to Modakkuruchi	KonguThirumana Mandapam. Karumandampalayam.



KODUMUDI PS

Name of the Police Station	Vulnerable Areas	Name of the alternative route for Below mentioned rescue places	Accommodation facilities for NDRF and SDRF Team (Marriage hall / school / Others)
Kodumudi	ILUPPU Thoppu, Kodumudi	Itchipalayam, Thannilavavi, Government Quarters allotted	Makudeshwarar Temple Marriage Mahal



CHAPTER – 33

INDUSTRIAL SAFETY

INDUSTRIES AND CHEMICAL DISASTER:-

A chemical accident is the unintentional release of one or more hazardous substances which could harm human health or the environment. Chemical hazards are systems where chemical accidents could occur under certain circumstances. Such events include fires, explosions, leakages or releases of toxic or hazardous materials that can cause people illness, injury, disability or death.

While chemical accidents may occur whenever toxic materials are stored, transported or used, the most severe accidents are industrial accidents, involving major chemical manufacturing and storage facilities



Chemical accidents may originate in:

- I. Manufacturing and formulation installations including during commissioning and process operations; maintenance and disposal.
- II. Material handling and storage in manufacturing facilities, and isolated storages; warehouses and godowns including tank farms in ports and docks and fuel depots.
- III. Transportation (road, rail, air, water, and pipelines).

Causative Factors Leading to Chemical Disasters, in general, may result from:

- i) Fire.

- ii) Explosion.
- iii) Toxic release.
- iv) Poisoning.
- v) Combinations of the above

Causal phenomena

Chemical and industrial emergencies may arise in a number of ways: disaster/explosion in a

- Plant handling or producing toxic substances
- Accidents in storage facilities handling large and various quantities of chemicals
- Accidents during the transportation of chemicals from one site to another
- Misuse of chemicals, resulting in contamination of food stocks or the environment, overdosing of agrochemicals
- Improper waste management such as uncontrolled dumping of toxic chemicals, failure in waste management systems or accidents in wastewater treatment plants
- Technological system failures
- Failures of plant safety design or plant components
- Natural hazards such as fire, earthquakes, landslides
- Arson and sabotage
- Human error.

OFF –SITE EMERGENCY PLAN

- Emergency which arises due to fire, fire and explosion, toxic gas release which extends outside the boundary of the factory is called Off-site emergency.
- The detailed plan to handle this kind of emergency situation is called Off-site emergency plan.
- The Ministry of Environment, Forest & Climate Change, (HSM Division), New Delhi has approved an Off-site Emergency Plan for Erode District which was prepared by M/s. Associated Consulting Engineers, Gurgaon. The Joint Director Health & Industrial Safety has taking action to implement the components of the plan.

MAJOR COMPONENTS OF OFF –SITE EMERGENCY PLAN

- Plan of Mitigation (i.e) the plan to control and put off the emergency .In addition to the resources available in the factory.
- Mutual aid from other factories.

- Mobilizing of fire and rescue service department help from the nearby places.

MAJOR COMPONENTS OF OFF SITE EMERGENCY PLAN

- Plan regarding Evacuation, First Aid and Medical Treatment of people inside the factory.
- Plan regarding Evacuation, First Aid and Medical Treatment of people residing nearby the factory.

MAJOR COMPONENTS OF OFF SITE EMERGENCY PLAN

- Plan to handle the law & Order situation
- Plan to handle Road Traffic near the affected factory

DISTRICT CRISIS GROUP

District Crisis Group has been constituted in Erode District, in line with the guidelines given in Chemical Accident (CA), Emergency Response and Preparedness Rules 1996. District Crisis Group Already Conducted on 20.01.2021 in Erode District

FUNCTIONS

District Crisis Group (DCG) is the apex body in the District to deal with major chemical accidents and to provide expert guidance for appropriately handling them. As per CA Rules, 1996, the DCG will:

- Assist in the preparation of the District Off-site Emergency Plan
- Review all the on-site emergency plans prepared by the occupiers of respective MAH installations as inputs for the preparation of the District Offsite Emergency Plan
- Assist the District administration in the management of chemical accidents at a site lying within the District
- Continuously monitor every chemical accident
- Ensure continuous information flow from the District to the Center and State Crisis Groups regarding accident situation and mitigation efforts
- Conduct at-least one full scale mock-drill of a chemical accident at a site each year and forward a report of the strengths and weaknesses of the plan to the state crisis group.
- Meet every 45 days and send a report to the State Crisis Group

LOCAL CRISIS GROUP

- Local Crisis Groups (LCGs) consists of task-specific coordinators who in-turn formulate and
- Mobilize requisite number of action teams to provide emergency response.

STAGES OF THE CHEMICAL INCIDENT LIFE CYCLE

Prevention phase

Prevention is the actions taken to avoid or eliminate the occurrence of a chemical incident and therefore to prevent any harmful effects.

Preparation phase

Identifying the actions that an organisation will need to take in the event of a chemical incident

Warning phase

Preceding a chemical incident, occasionally a period can be identified when it becomes obvious that something hazardous will occur. This is known as the warning or alert phase and prediction. However most chemical incidents are unforeseen, therefore a level of preparedness will need to be maintained at all times.

Response phase

Response begins as soon as a chemical incident is detected or threatened. Once the chemical incident is declared a number of actions must be taken to save lives and reduce suffering requiring co-operation and co-ordinated actions of all responders. Depending on the type of incident these actions may include

- Identifying the hazard
- Assessing exposure from the hazard to the population and environment at risk
- Mobilising and positioning emergency equipment and responders; who may also undertake search and rescue actions
- Providing appropriate first aid and medical assistance
- Taking action to limit harm to the population either by in place sheltering or evacuation; provision of uncontaminated food and water
- Identifying environmental contamination
- Recovering damaged services and systems

Local responders and emergency services, government agencies and private organizations take action. Sometimes the destruction goes beyond local and state capabilities. That's when specified external help may be required and sought from international support agencies

Recovery or Rehabilitation phase:

A chemical incident can damage vital services of a population (water, light and gas supply) Rehabilitation is providing in the short-term essential services such as water and electricity to the affected community until the reconstruction can take place.

In this phase of recovery, actions are taken to determine ongoing hazards such as environmental contamination and to help the community to return to normal

Support to manage psychological distress leading to emotional recovery should be provided for those families and individuals at risk as they put their lives back in order.

Reconstruction

This phase involves the physical recovery of the community. Before starting this phase, study the damage produced by the chemical incident and rebuild damaged property. The task of rebuilding after a chemical incident can take months, even years. Not only services and infrastructure, not only the facilities and operations, but the lives and livelihoods of many thousands of people may be affected. External loans and grants can help. Funds are used to rebuild homes, businesses and public facilities, to clear debris and repair roads and bridges, and to restore the normal water, sewer and other essential services supply.

Risk Assessment

Risk assessment is one of the most important step in preparing for chemical emergencies. Basically the risk assessment is a three step decision making process to identify potential hazards facing a community with respect to accidental release of hazardous substances.

The following graphic explains the risk assessment process:



Protective actions for Public

An accidental release of hazardous chemical sometimes necessitates evacuation of people from certain areas to prevent injury or death. These areas can include those directly affected by toxic fumes and gases or fire and those areas that may be potentially affected during the course of the incident (e.g., through wind shift, a change in site conditions). Evacuation is a complex undertaking.

Decisions about whether or not to evacuate as well as about evacuation distances are incident-specific and must be made at the time of an actual release. When considering the safety of the population at risk, the authority in command must decide about ordering.

- ◆ In-place sheltering: remaining indoors and sheltering
- ◆ Evacuation with the removal of the population from at risk area

In Erode District 5 Industries are identified as Major Accident Hazards Units.
The lists of the units are as follows

LIST OF MAJOR HAZARD ACCIDENT UNITS IN ERODE DISTRICT					
S. No	Name and Address	Contact Person Name, Contact No., E-mail Id	Details of Hazardous Chemicals being used	Quantity of Hazardous Chemicals	Types of Storage (Bullets, Tank, sphere, etc.) Storage state (Solid, Liquid, etc.)
1	Indian Oil Corporation Ltd, Indane Bottling Plant Sf.No. 180,181,195, 207, Sipcot , Perundurai.	Prem sai dasari Cell:9494879224 Email Id: dasarips@indianoil.in	LPG	Storage of Bulk LPG capacity of 3650 MT	Above grounds Bullets and sphere / Liquid
2	Sakthi Sugars, 343.Sakthi Nagar, Aappakkudal, Bhavani Tk.	Mohan Kumar, Cell:9442274062 Email.id: Mohankumaran@sakthi-sugars.com	Ethyl Alcohol	Ethyl Alcohol Maximum storage Capacity : 10000 KL	Vertical Tank / Liquid
3	Bannari Amman Sugars Ltd(Distillery), D.No.3/1,Arakkankot tai, Gobi Tk.	Nallamuthu Cell:7373901122 Email: distilleryspl@bannari.com	Ethyl Alcohol	Ethyl Alcohol Maximum storage Capacity : 3000KL	Vertical Tank / Liquid
4	Roca Bathroom Products (P) Ltd., P.Nor11, Sipcot, Perundurai Tk.	Karthik, Cell:9840091499 Email Id: karthik.kandasamy@i n.roca.com	LPG/LNG	HSD (High Speed Diesel)- 30KL LPG(Liquefied Petroleum Gas)-50MT LNG(Liquefied Natural Gas)- 114KL	Bullets / Liquid
5	Sheela Foam Ltd Indurstial Mm3, Phase-4, Sipcot Industrial Growth Centre, Perundurai - 638 052.	Udayakumar Cell:9597015716 Email.Id: v.suresh@sheelafoam.com	Toluene Di Iso Cyanate	Storage - TDI -60 tone Storage - Polymerpolyol - 90MT	Horizontanl Tank / Liquid

In our District, Department of Industrial safety and Fire and Rescue Department officials are conducted safety audit and mock drill in the Industrial premises at regular intervals and they are also conducted awareness programme for the people who are living in the vicinity.

Mock drills conducted at IOCL – Bottling Plant Perundurai SIPCOT





ROCA BATHROOM PRODUCTS P LTD

Employee started the preventive maintenance work at LPG Yard.





Fire Extinguisher and Fire hydrant monitor system activated to control the Fire spreading at LNG yard



After siren raised all the employees evacuating from the factory to Safe Assemble Point #2



SAKTHI SUGARS PRIVATE LIMITED



SHEELA FOAM LTD

Location :- Foaming - TDI Spillage in Barrel Storage area



Security personal operated the Manal & Electrical Operated Emergency Siren



Foaming team mobilizing the spill kit trolley to incident location



Chemical resistance suit attending the damaged barrels



Fire fighting team started to extinguish with foam water monitor



Rescuing the victim by Ambulance



Employees rushes the safe assembly point



Mock Drill Breifing is going on by Joint Director, Erode District



Addressing on the Mock Drill by Fire Officer in TFRS

Bannari Amman Sugars Ltd(Distillery Division





BANNARI AMMAN SUGARS LTD (DISTILLERY DIVISION)
Sinnapuliur, Periyapuliur Post – 638455, Bhavani Taluk, Erode District, Tamil Nadu

MOCK DRILL ON 19-07-2024



SAKTHI SUGARS PRIVATE LIMITED



Mock Drill Breifing is going on by corporate safety



ANNEXURE – 1

1) SHELTER MANAGEMENT COMMITTEE PLAN FOR ERODE TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Corporation Commissioner Erode	9489093202	Basic amenities
2	Co-operative sub-Registrar, Erode	7338720706	Food, cloths
3	Block Development officer, Erode	7402607098	Basic amenities
4	Taluk supply Officer, Erode	7200700775	Food, cloths
5	Medical Officer	7358130485	
6	Police Department	9498174891	Security Purpose
7	Assistant Veterinary Doctor, Erode	9486644542	

2) SHELTER MANAGEMENT COMMITTEE PLAN FOR MODAKURICHI TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar, Modakurichi	7338720707	Food, cloths
2	E.O.TP Modakurichi	8925809414	Basic amenities
3	Block Development officer, Modakurichi	7402607102	Basic amenities
4	Taluk supply Officer, Modakurichi	9940728245	Food, cloths
5	Medical Officer	7358138946	
6	Police Department	9498172291	Security Purpose
7	Assistant Veterinary Doctor, Modakurichi	9443227129	

3) SHELTER MANAGEMENT COMMITTEE PLAN FOR KODUMUDI TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar, Kodumudi	7338720708	Food, cloths
2	E.O.TP Kodumudi	8925809395	Basic amenities
3	Block Development officer, Kodumudi	7402607106	Basic amenities
4	Taluk supply Officer, Kodumudi	9965158639	Food, cloths
5	Medical Officer	7358139088	
6	Police Department	9498101240	Security Purpose
7	Assistant Veterinary Doctor, Kodumudi	9965703855	

4) SHELTER MANAGEMENT COMMITTEE PLAN FOR PERUNDURAI TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar, Perundurai	7338720709	Food, cloths
2	E.O.TP Perundurai	8925809400	Basic amenities
3	Block Development officer, Perundurai	7402607110	Basic amenities
4	Taluk supply Officer, Perundurai	8825442580	Food, cloths
5	Medical Officer	7358138798	
6	Police Department	9498105921	Security Purpose
7	Assistant Veterinary Doctor, Perundurai	9486153103	

5) SHELTER MANAGEMENT COMMITTEE PLAN FOR BHAVANI TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Commissioner Bhavani	7358398947	Basic amenities
2	Co-operative sub-Registrar, Bhavani	7338720717	Food, cloths
3	Block Development officer, Bhavani	7402607126	Basic amenities
4	Taluk supply Officer, Bhavani	9445000240	Food, cloths
5	Medical Officer	7358138342	
6	Police Department	7995146705	Security Purpose
7	Assistant Veterinary Doctor, Bhavani	9944104560	

6) SHELTER MANAGEMENT COMMITTEE PLAN FOR ANTHIYUR TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar, Anthiyur	7338720718	Food, cloths
2	E.O.TP, Anthiyur	8925809383	Basic amenities
3	Block Development officer, Anthiyur	7402607122	Basic amenities
4	Taluk supply Officer, Anthiyur	8072885656	Food, cloths
5	Medical Officer	7358138179	
6	Police Department	7200066100	Security Purpose
7	Assistant Veterinary Doctor, anthiyur	9787163301	

7) SHELTER MANAGEMENT COMMITTEE PLAN FOR GOBICETTIPALAYAM TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Commissioner Gobi	7397392715	Basic amenities
2	Co-operative sub-Registrar, Gobi	7338720711	Food, cloths
3	Block Development officer, Gobi	7402607130	Basic amenities
4	Taluk supply Officer, Gobi	9445000241	Food, cloths
5	Medical Officer	7358138498	
6	Police Department	9498175043	Security Purpose
7	Assistant Veterinary Doctor, Gobi	9597771161	

8) SHELTER MANAGEMENT COMMITTEE PLAN FOR SATHYAMANGALAM TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Commissioner sathy	7397392717	Basic amenities
2	Co-operative sub-Registrar, sathy	7338720714	Food, cloths
3	Block Development officer, sathy	7402607142	Basic amenities
4	Taluk supply Officer, sathy	9445000242	Food, cloths
5	Medical Officer	7358138006	
6	Police Department	9498101246	Security Purpose
7	Assistant Veterinary Doctor, sathy	9543579111	

9) SHELTER MANAGEMENT COMMITTEE PLAN FOR THALAVADI TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar, Thalavadi	7338720716	Food, cloths
2	Block Development officer, Thalavadi	7402607151	Basic amenities
3	Taluk supply Officer, Thalavadi	8883040691	Food, cloths
4	Medical Officer	7358138098	
5	Police Department	9442915654	Security Purpose
6	Assistant Veterinary Doctor, Thalavadi	9489186690	

10) SHELTER MANAGEMENT COMMITTEE PLAN FOR PERUNDURAI TALUK

CHENNIMALAI BLOCK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar,Chennimalai	7338720710	Food, cloths
2	E.O.TP Chennimalai	8925809386	
3	Block Development officer, Chennimalai	7402607114	Basic amenities
4	Taluk supply Officer,Perundurai	9445000239	Food, cloths
5	Medical Officer	7358138842	
6	Police Department	9498108666	Security Purpose
7	Assistant Veterinary Doctor,Chennimalai	9176127516	

**11) SHELTER MANAGEMENT COMMITTEE PLAN FOR ANTHIYUR TALUK
AMMAPETTAI BLOCK**

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar,Ammapettai	7338720719	Food, cloths
2	E.O.TP Ammapettai	8925809423	Basic amenities
3	Block Development officer, Ammapettai	7402607118	Basic amenities
4	Taluk supply Officer,Anthiyur	8072885656	Food, cloths
5	Medical Officer	7358138280	
6	Police Department	9498106526	Security Purpose
7	Assistant Veterinary Doctor, Ammapettai	9842195486	

12) SHELTER MANAGEMENT COMMITTEE PLAN FOR NAMBIYUR TALUK

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar,Nambiyur	7338720713	Food, cloths
2	E.O.TP Nambiyur	8925809398	
3	Block Development officer, Nambiyur	7402607138	Basic amenities
4	Taluk supply Officer, Nambiyur	8883961112	Food, cloths
5	Medical Officer	7358138598	
6	Police Department	9843542462	Security Purpose
7	Assistant Veterinary Doctor, Nambiyur	9865481427	

**13) SHELTER MANAGEMENT COMMITTEE PLAN FOR GOBICHETTIPALAYAM
TALUK T.N.PALAYAM BLOCK**

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar,T.N.Palayam	7338720712	Food, cloths
2	Block Development officer, T.N.Palayam	7402607134	Basic amenities
3	Taluk supply Officer, Gobi	9445000241	Food, cloths
4	Medical Officer	7358138698	
5	Police Department	9498149743	Security Purpose
6	Assistant Veterinary Doctor, T.N.Palayam	9965994602	

**14) SHELTER MANAGEMENT COMMITTEE PLAN FOR SATHYAMANGALAM
TALTK BHAVANISAGAR BLOCK**

Sl. No.	Name & Designation of officer	Contact Number	Task assigned
1	Co-operative sub-Registrar,Bhavanisagar	7338720715	Food, cloths
2	E.O.TP Bhavanisagar	8925809385	
3	Block Development officer, Bhavanisagar	7402607147	Basic amenities
4	Taluk supply Officer, Sathy	9445000242	Food, cloths
5	Medical Officer	7358138136	
6	Police Department	9498178300	Security Purpose
7	Assistant Veterinary Doctor, Nambiyur	9443622621	

ANNEXURE-2

EVACUATION PLAN

A list of low lying villages find a place at ANNEXURE-6 Among them the villages should be selected for most vulnerable for inundation of probable of being marooned and the people in those villages should be persuaded to be evacuated and housed at convenient nearest shelter homes.

The number of families / persons with details of women (Expectant / nursing mothers classified) and men and children should be enumerated and recorded even before they are evacuated and housed. The shelter homes should be kept ready identified for the people as to whom they should be intended for,

Capacity of the shelter home should be assessed and optimum number of people only accommodated. The availability of equipments and stores should be ensured. The following are some of the items to be get ready for commissioning the operation.

1. Lighting facilities
2. Drinking water
3. Sanitary arrangements
4. Cooking arrangements
5. Storing of relief materials
(Rice, Kerosene, Match boxes, Candles etc.,)

Care must also be taken to evacuate cattle as stipulated in para VI and VII above. Care of any other properties may also be arranged for, An attendance of victims must be maintained. Missing or deceased victims must be recorded and pursued further for search and assistance to the bereaved family (vide G.O.Ms.No. 245 Revenue, Dt. 25.02.85.) Deploy Group officers to each shelter home.

ANNEXURE-3

MEDIA MANAGEMENT PLAN

The Public Relations Officer, Erode has been entrusted with the Media Management. He has to be in touch with the Disaster Management Teams, gather information and after getting approval of the District Collector, communicate to the Press, TV, Radio etc.,

The list of Radio, TV, Newspaper reporters in Erode District are given below:

Sl. No.	Name (Tvl)	Designation	Name of the News Paper	Phone No.
1.	Mr.Govintharajan	The Hindu(Tamil)	Reporter	74013 29425
2.	Mr.Krishnamoorthy	The Hindu	Reporter	98424 26629
3.	Mr.V.K.Kovarthan	The Hindu	Photographer	99426 02581
4.	Mr.R.Bharanitharan	The New Indian Express	Reporter	73050 22622
5.	Mr.N.R.Jaheer Husen	Decon Chronical	Reporter	88703 34455
6.	Mr. M.Sundharam	P.U.I	Reporter	98427 53450
7.	Mr.Senthilkumar	The Times of India	Reporter	97866 99026
8.	Mr.Parthiban	The Times of India	Photographer	99651 27912
9.	Mr.Selvinjayakumar	Daily Thanthi	Reporter	98417 49236
10.	Mr.Albert	Daily Thanthi	Reporter	89393 13126
11.	Mr.Shyam	Daily Thanthi	Reporter	97900 72318
12.	Mr.Ponsivaramachandran	Daily Thanthi	Photographer	98416 07508
13.	Mr.Ramakrishnan	Daily Thanthi	Photographer	98417 49235
14.	Mr.Dhurgesh	Malaimalar	Reporter	
15.	Mr. Varathan	Malaimalar	Reporter	90034 06930
16.	Mr.Chandrasekar	Malaimalar	Photographer	98425 10100
17.	Mr.Vijaybhaeskar	Dhinamani	Reporter	94425 04157
18.	Mr.V.Sellakrishnan	Dhinamalar	Reporter	98652 27169
19.	Mr.R.Raju	Dhinamalar	Reporter	98651 18595
20.	Mr.Parthiban	Dhinamalar	Reporter	99762 66719
21.	Mr.K.S.Arun	Dhinamalar	Photographer	98422 54508
22.	Mr.Selvam	Dhinamalar	Photographer	98659 76122
23.	Mr.N.Mahindran	Dhinakaran/ Tamil Murasu	Reporter	98427 33660
24.	Mr.N.Narayanasamy	Dhinakaran/Tamil Murasu	Reporter	99429 78194
25.	Mr.N.Senthilkumar	Dhinakaran/ Tamil Murasu	Reporter	98427 90447
26.	Mr.K.Subramaniyan	Dhinakaran/ Tamil Murasu	Photographer	98429 81857
27.	Mr.Raja	Dhinakaran/ Tamil Murasu	Photographer	97505 22555
28.	Mr. p.Kathiresan	Kalaikathir	Reporter	96009 17159

29.	Mr.Ganapathy	Kalaikathir	Reporter	96008 46290
30.	Mr.Sanmuga Sundaram	Kalaikathir	Reporter	98940 09118
31.	Mr.Arun	Kalaikathir	Photographer	98940 09118
32.	Mr.T.Gopalakrishnan	D.R. Namathu M.G.R	Reporter	98427 27729
33.	Mr.T.Sivakumar	D.R. Namathu M.G.R	Photographer	97505 08888
34.	Mr.G.M.V.Ilangovan	Makkal Kural	Reporter	98427 22911
35.	Mr.Nagaraj	Makkal Kural	Photographer	98657 81767
36.	Mr.Paranjothi	Dhina Boomi	Reporter	93641 51557
37.	Mr.Vijayasayi	Janasakthi	Reporter	94435 47667
38.	Mr.Mohana Sundharam	Janasakthi	Reporter	98427 22272
39.	Mr.Shanmugam	Viduthalai	Reporter	98424 10620 97109 44823
40.	Mr.S.Sebaraj Selledurai	Viduthalai	Photographer	98654 11453
41.	Mr.P.N.Sampath	Murasoli	Reporter	98427 26628
42.	Mr.Shahul Hameed	Murasoli	Photographer	91505 44846
43.	Mr.Arunachalam	Dhinakural	Reporter	95855 95555
44.	Mr.karthi	Dhinasangu / Erode News	Reporter	99426 55804
45.	Mr.Bhavananthan	Dhinasangu	Photographer	73734 84095
46.	Mr.S.Neelakandan	Madhuraimani	Reporter	99943 78980 90954 08529
47.	Mr.Sriram	Dhinasooriyan	Reporter	93457 62084
48.	Mr.Mayilsamy	Malai Murasu	Photographer	99764 90116
49.	Mr.M.Murugesan	Malai Murasu	Photographer	
50.	Mr.N.G.P.Mohan	Malai Thamizhagam	Reporter	98423 02885
51.	Mr..P.G.Saikkal	Mathru Boomi	Reporter	93448 95525 93666 80075
52.	Mr.Loganathan	Ullatchi Murasu	Photographer	94430 48670
53.	Mr.N.Mathappan	Pirpagal	Reporter	97906 85085
54.	Mr.Senthamilselvan	Malai Boomi	Reporter	93641 08750
55.	Mr.Sekar	Tamil Anjal	Reporter	98657 53784
56.	Mr.Udhayakumar	Por Murasu	Reporter	98659 75563
57.	Mr.Jeeva	Por Murasu	Photographer	99655 15561
58.	Mr.Ravichandran	Dhina Seithi	Reporter	98429 14895
59.	Mr.Pradeeshkumar	Dhina Seithi	Photographer	98659 19429
60.	Mr.P.C.Saravanan	Tamilsudar	Reporter	94433 14895
61.	Mr.G.Ibrahimpathusha	Tamilsudar	Photographer	99446 04443
62.	Mr.P.C.Moorthy	All India Doordharsan	Reporter	0424 2430448 98429 51010
63.	Mr.Magpul Ahamad	Thanthi TV	Reporter	98657 20662 90428 12000
64.	Mr.A.John maigel	Jaya TV	Reporter	9842703423
65.	Mr.Mohamad Yasiyan	Jaya TV	Videographer	98653 50754

66.	Mr.S.Muthusamy	Jaya TV	Videographer	98650 99870
67.	Mr.K.Dharmarajan	Jaya Plus TV	Reporter	98427 81353
68.	Mr.rp.Sampath	Jaya Plus TV	Videographer	98420 22227
69.	Mr.V.S.Ramesh	Sun TV	Reporter	88258 14849 98428 70030
70.	Mr.Sridhar	Sun TV	Videographer	93620 09522
71.	Mr.R.K.Kumar	Raj TV	Reporter	94433 43354 98429 65556
72.	Mr.V.S.Shanmugam	Raj News TV	Videographer	98650 44455
73.	Mr.Palanisamy	Kalaigar TV	Reporter	94433 86172
74.	Mr.Jagadeeshkumar	Kalaigar TV	Videographer	98659 60001
75.	Mr.K.IIango	Mega TV/ Lotus TV	Reporter	98427 33543
76.	Mr.K.IIango	News 7 TV	Reporter	98427 33543
77.	Mr.U. Pachaiyappan	Vasanth TV	Reporter	94880 66775
78.	Mr. Ramesh	Makkal TV	Reporter	86108 55736
79.	Mr.Manikandan	Puthiya Thalaimurai TV	Reporter	88833 06567
80.	Mr.Sadhasivam	Puthiya Thalaimurai TV	Videographer	98428 03164
81.	Mr.Ranjith	Polimar TV	Reporter	99434 16479
82.	Mr.M.Rajendran	Venther TV	Reporter	90430 50100
83.	Mr.Manikandan	Captain TV	Reporter	98945 41181
84.	Mr.M. Loganathan	Imayam TV	Reporter	97502 66677
85.	Mr.Senthilkumar	Imayam TV	Videographer	98424 03151
86.	Mr.M.Venugopal	Vin TV	Reporter	98654 48100
87.	Mr.Velusamy	Sathyam TV	Reporter	98422 15535
88.	Mr.Gopi	Malai Murasu TV	Videographer	88075 42411
89.	Mr.Mahesh	S TV	Reporter	98420 98888
90.	Mr.Senthil Murugan	Tamilan TV	Reporter	9842333581
91.	Mr.Babu	Kauvery TV	Reporter	98942 25023
92.	Mr.Babu	News 18 TV	Reporter	98942 25023

ANNEXURE-4

**VULNERABLE AREAS IN CORPORATION, MUNICIPALITIES, TOWN
PANCHAYATS AND RURAL PANCHAYATS**

Corporation

S.No	Category	Erode Corporation	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	2	Ward No.7	1) Vairapalayam area
3			Ward No. 60	2) P.S.Agrakaram area
4	Medium	6	Ward No.17	1) Kanthaiyan Thottam Malligai Nagar
5			Ward No.45	2) Ashokapuri
6				3) Annai Sathiya Nagar
7				4) Central Threatre area
8				5) Nesavalar colony
				6)Kamarajar street
9	Low	0	0	0
	Total	8	-	-

Bhavani Municipality

S.No	Category	Bhavani Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	13	Ward No. 4	1) Kanthan Pattarai
3				2) Pumping Station Back side
4			Ward No. 8	3) Somasundarapuram
5			Ward No.13	4) Palanipuram 1st Street & 4th Street
6			Ward No.20	5) Pasuveshwarar Street
7			Ward No. 21	6) Thanthai Periyar Street
8				7) Keeraikkara Street
9				8) Old Bus Stand
10			Ward No. 22	9) Makkan Street
11				10) Kalthozhilalar Street
12			Ward No.26	11) Srinivasapuram
13				12) Royal Theater Area
14			Ward No.27	13) Palakkarai Street
15	Medium	0	0	0
16	Low	0	0	0
	Total	13	-	-

Sathyamangalam Municipality

S.No	Category	Sathyamangalam Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	5	Ward No.19	1) Pillaiyar Kovil Street
3				2) Muniyappa Kovil Street
4			Ward No.21	3) Mathimarathurai Veethi
5				4) Mamarathurai Santhu
6			Ward No.26	5) Parisalthurai Street
7			Medium	0
8	Low	0	0	0
Total		5	-	-

Gobichettipalayam Municipality

S.No	Category	Gobichettipalayam Municipality	Vulnerable Area	
			Ward	Location
1	Very High	0	0	0
2	High	0	0	0
3	Medium	13	Ward No.16	1) Perumal Samy Nagar
4				2) Sakthi Santhi Nagar
5			Ward No.17	3) Amman Nagar
6				4) Subbannan Street
7				5) Kabilar Street
8			Ward No.22	6) Sivashanmugam Street
9				7) S.D.N. Colony
10			Ward No.25	8) Sleater house Street
11				9) Najappa Street
12				10) Venkadachalam Pettai
13			Ward No.26	11) Saminathapuram
14			Ward No.27	12) Seethalakshmi Puram
15			Ward No.30	13) Anna Nagar
16	Low	0	0	0
Total		13	-	-

Vulnerable Areas of Town Panchayats

S.No	Category	Total Number	Name of the Town Panchayat	Ward	Location
1	Very High	0	0	0	0
2	High	14	Perundurai	-	1) SIPCOT Perundurai
3			Kodumudi	Ward No.5	2) Vadakku Theru
4				Ward No.9	3) Eluppu Thoppu
5			Kilambadi	Ward No.11	4) Kombu Palayam
6			Vengampur	Ward No.2	5) Kasipalayam
7			Appakudal	Ward No.10	6) Bhavani River Bank
8			Jambai	Ward No.9	7) Jambai
9			P.Mettupalayam	Ward No.9	8) P.Mettupalayam
10			Athani	Ward No.12	9) Odaimedu
11			Ammapettai	Ward No.10	10) Meenavar Street
12			Nerinjipettai	Ward No.2	11) Keel Theru
13			Anthiyur -B	-	12)Maavilakku Mariyamman Kovil Street
14			Anthiyur -B	-	13) Kannapan kinatru street
15			Anthiyur -B	-	14) Nehru Street
16	Medium	11	Unjalur	Ward No.2	1) Unjalur
17			Chennasamudram	Ward No.2	2) Ramanathapuram
18			Modakkurichi	Ward No.3	3) Kosalai - Keerikalkadu
19				Ward No.15	4) Gandhi Street - Naduppalayam
20			Arachalur	Ward No.12	5) Komarapalayam Colony
21				Ward No.13	6) Vadapalani AD Colony
22			Aval Poondurai	Ward No.4	7) AD New Colony
23				Ward No.15	8) Pungadu Thirumangalam Main Street
24			Nambiyur	Ward No.6	9) Periyar Nagar
25				Ward No.14	10) Rajeev Gandhi Nagar

23			Aval Poondurai B	-	11) Aval Poondurai B
24	Low	0	0	0	0
Total		25	0	0	0

Rural Panchayats

S. No	Category	No	taluk	Firka	Village	Location		
1	Very High	0	0	0	0	0		
2	High	31	Erode	Erode North	Anainasuvam Palayam	1) Seetharamayyar street		
3						2) Vaikkal Street		
4			Kodumudi	Kilambadi	Nanjai Kolanalli	3)Chathirappatti		
5			Gobichetti palayam	Vaniputhur	Nanjai Puliyam Patti	4)Parisalthurai Veethi		
6						Perumugai	5) Adasapalaiyam	
7							6) Sanjeevirayan Kulam	
8					Kugalur	Ammapalayam	7) Mevani to Ammapalayam Road	
9							8) Ammapalayam to Ganeshanputhur Road	
10							Mevani	9) Patel Veethi
11								10) Mariamman Kovil Veethi
12					Pariyur	Nanjaigavundan palayam	11) Indra Nagar	
13							12) Vathanakadu - Pathi Road	
14					Anthiyur	Athani	Keelvani	13) Kallakattuputhur Area
15			Kuppandam palaym	14) Karuvalvadi Pudhur				
16				Moongilpatty			15) Kamaraj Nagar	
17			16) MeenavarStreet					
18			17) Mariyamman Kovil Street					
19			18) Nadu Pillaiyar Kovil Street					
20			19) Kamachi Amman Kovil Street					
21			Sathya mangalam	Sathya mangalam	Komarapalaya m	20) Fathima Nagar		

22					Alathukombai	21) Old Ration Shop street
23					Ikkarainegama	22) Moolakkarai Area
24					Bhavanisagar	23) Amman Kovil Street
25						24) Karuparayan Kovil
26					Bhavanisagar	25) Boyar colony
27				Arasur	Makkinagombai	26) Anna Nagar Area
28			Bhavani	Bhavani	Uratchikottai	27) Kamatchi Amman Kovil
29						28) Nethaji Nagar
30				Kavindapadi	Kavindapadi	29) Gandhi Nagar
31						30) Seraiyampalayam
32						31) Koomputhottam
33	Medium	24	Erode	Erode North	Elavamalai	1) Padithurai
34					Elavamalai	2) Solamanthottam
35			Modak kurichi	Modakkurichi	Punjai Lakkapuram	3) Pokkuvarathu Nagar
36						4) A.D.Colony
37					Kangayam Palayam	5) Kangayam Palayam
38			Kodumudi	Kodumudi	Kolathu palayam	6) J.J.Nagar
39			Perundururai	Chennimalai	Perundururai	7)Thiyagi kumaran Nagar, Mugsipidariyur, Chennimalai
40				Perundururai	Perundururai	8)Ponmudi, Perundururai
41				Perundururai	Perundururai	9)Kullampalayam, Perundururai
42			Gobichetti palayam	Vaniputhur	Kongarpalayam	10) Vinoba Nagar
43						11) MGR Nagar
44						12) Vaniputhur Shandy Area
45				Kugalur	Thalaikombu pudur	13)Thalaikombu pudur
46			Sathya mangalam	Mathampalayam	Matham palaiyam	14)Kanakkarasam palaiyam
47				Nallur	Nallur	15) Nallur
48			Anthiyur	Pacham palayam	Pachampalayam	16)Periyar Nagar

49				Pacham	Pachampalayam	17) ASM Colony
50				palayam	Pachampalayam	18) Bagavan Garden
51				Pacham	Pachampalayam	19) Amman Nagar
52				palayam	Pachampalayam	20)Azhagan Nagar (Ravindran Hospital)
53				Pacham	Pachampalayam	21)Annamaduvu
54				palayam	Pachampalayam	22) Neykarai,Settinodi
55			Thalavadi	Thalavadi	Thalavadi	23)Hasanur
56					Thalavadi	24) Iggalur
41	Low	14	Erode	Erode North	Elavamalai	1) Sudukattuthurai
42						2) Karupparayan Kovil
43						3) Odai
44					Mettunasuvam palayam	4) Nattuvan kattu
45						5) Kandhasamythottam
46					Karaiellapalaya m	6) Sudukattuthurai
47			Modakkurichi	Modakkurichi	Punjai Kalamangalam -B	7) Kaalakathi Kuttai
49					Enjampalli A	8) Murungayaiyan Savadi
50			Bhavani	Bhavani	Kurichi	9) Koothampatti
51					Varadhanallur	10) Varadhanallur area
52					Bhavani	11) Sanniyasipatti area
53					Kurichi	12) Singampettai area
54						13) Kadappanallur area
55			14)Kesarimangalam area			
Total		69				

LIST OF PLACES TO BE AFFECTED BY DROUGHT:

1. Failure of Tiruppur Combined Water Supply Scheme, will affect the parts of Perundurai and Chennimalai Panchayat Union areas. Drinking water shall be supplied through lorries.

ANNEXURE-5

NEW IDENTIFICATION OF 133 VULNERABLE AREAS IN 10 TALUKS.

The Following blockwise teams have been tasked to immediately respond to flash floods in river Bhavani and Cauvery. The 79 areas spread over 50 Revenue villages have been identified as vulnerable areas and 44 Heavy rain for flood affected in vulnerable areas. This 133 areas have further classified into 72 High Vulnerable areas, 47 moderate vulnerable areas and 14 low vulnerable areas

1. Erode Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	0	0	0
2	High	Corporation Erode	1	Vairapalayam
3		Corporation Erode	1	PAnnai Sathiya Nagar
4		Erode North	1	Anainasuvam palayam (Seetharamayyar street)
5		Erode North	1	Anainasuvam palayam (Vaikkal Street)
6		Medium	Corporation Erode	1
7	Erode North		2	1) Padithurai 2) Solaman Thottam
8	Low	Erode North	6	1) Sudukattuthurai 2) Karupparayan Kovil 3) Odai 4) Mettunasuvampalayam (Nattuvan Kadu) 5) Kandasamy Thottam 6) KaraiEllapalayam (Sudukattu Durai)
Total			13	

1.(A)Erode

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1.	Additional Personal Assistant (Land) to District Collector , Erode	8220706299	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar ,Erode	9445000563 7373242903	Team Head
3	Zonal Deputy Tahsildar, Erode	9942166258	Team Member
4	Firka Senior Revenue Inspector, Erode North	9750049207	Team Member
5	Village Administrative Officer, Anainavumpalaiyam	9578883250	Team Member
Search and Rescue Committee			
6	Deputy Superintendent of Police, Erode Town	9498174891	Team Head
7	Inspector of Police Erode North police station, Erode North	0424-2411300	Team member
8	Station Fire Officer, Erode Fire Station	8997350734 9442901269	Team member
9	Assistant Executive Engineer, PWD (WRD) Erode -II	97877 77445	
Evacuation Committee			
10	Fire officer, Erode	9445086345 9361282756	Team Head
11	Inspector of Police, Erode South Police station, Erode South	0424-2271872	Team Member
12	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
13	Co-operative sub-Registrar, Erode (Other than Corporation Area)	7338720706	Team Head
14	Medical Officer, PHC, B.P.Agraharam	7358130485	Team Head
15	Block Development Officer, Erode	7402607099	Team Member
16	Assistant Veterinary Doctor, Erode	9486644542	Team Member
17	Women Police Inspector, Erode	9600672735	Team Member
18	Mukiya Sevika from Social Welfare Department (MS)	6382016915	Team Member
19	Taluk Supply Officer, Erode	7200700775	Team Member
20	Village Health Nurse, Nasiyanur	9445131615	Team Member
21	E.O. Town Panchayat, Chithode	8925809387	Team Member

22	Inspector of fisheries, Erode	9790842186	Team Member
23	ADE Highways,Erode	94861 25000	Team Member
24	AEE TNEB, Erode Town	9445851958	Team Member
25	Assistant Engineer, PWD., Buildings (C & M) Town Section, Erode.	83443 86134	Team Member

1. (B) Erode Corporation

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1.	Commissioner Corporation Erode	9489093202	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar ,Erode	9445000563 7373242903	Team Head
3	EE Erode City Corporation Engineer Erode.	9489093213	Team Member
4	Firka Senior Revenue Inspector, Erode East	8072278387	Team Member
5	Village Administrative Officer, Vairapalaiyam	8248237710	Team Member
Search and Rescue Committee			
6	Erode Town (L &O)	9498172088	Team Head
7	Inspector of Police Karungalpalaiyam	9498174747	Team member
8	Station Fire Officer, Erode Fire Station	9486687349 8946020032	Team member
9	Executive Engineer Zone -1	9489093213	
Evacuation Committee			
10	Fire officer, Erode	9445086346 9443591995	Team Head
11	Inspector of Police Karungalpalaiyam	9498174747	Team Member
12	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
13	Deputy Commissioner Corporation Erode	8220741775	Team Head
14	City Health Officer,Erode	9489093203	Team Head
15	Medical Officer, PHC, Chithode	7358138736	Team Member
16	Assistant Veterinary Doctor, Erode	9944014126	Team Member
17	Women Police Inspector, Erode	9600672735	Team Member

18	Mukiya Sevika from Social Welfare Department (MS)	9150057157	Team Member
19	Village Health Nurse, Nasiyanur	9445131615	Team Member
20	E.O. Town Panchayat, Chithode	8925809387	Team Member
21	Inspector of fisheries, Erode	9790842186	Team Member
22	AE Highways (C &M), Erode	98427 27452	Team Member
23	AEE TNEB, Karungalpalaiyam	9445851963	Team Member
24	Assistant Executive Engineer Zone -1	9489093223	Team Member

2.Modakkurichi Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	0	0
2	High	Modakkurichi	1	Kangayampalayam
3	Medium	Modakkurichi	1	Aval Poondurai B Village Mettur Mandhai
Total		-	2	-

2.Modakkurichi Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Assistant Commissioner (A.C.EXCISE), Erode	9791207415	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar, Modakkurichi	8778481035	Team Head
3	Zonal Deputy Tahsildar, Modakkurichi	9442511579	Team Member
4	Firka Senior Revenue Inspector, Modakkurichi	9698513280	Team Member
5	Village Administrative Officer, Modakkurichi A Village	8903402057	Team Member
Search and Rescue Committee			
6	Inspector of Police, Modakkurichi Police Station	9498172291	Team Head
7	Station Fire Officer, Modakkurichi Fire Station.	9445086519 9789380546	Team Member
	Assistant Executive Engineer, PWD (WRD) Erode -I	94437 52522	
Evacuation Committee			
8	Station Fire Officer, Modakkurichi, Fire Station,	9445086519 9789380546	Team Head
9	Inspector of Police, Modakkurichi Taluk	9498172291	Team Member

10	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
11	Co-operative sub-Registrar, Modakurichi	7338720707	Team Head
12	Block Development Officer, Modakurichi	7402607102	Team Member
13	Medical Officer, PHC, Modakurichi	73581 38946	Team Member
14	Assistant Veterinary Doctor, Modakurichi	9443227129	Team Member
15	Women Police ,Erode Police station	9600672735	Team Member
16	Mukiya Sevika from Social Welfare Department	9629001438	Team Member
17	Rural Health Officer/ Village Health Nurse, Kattupalayam	9445131039	Team Member
18	Rural Welfare Officer, Modakurichi	9626342323	Team Member
19	Taluk Supply Officer, Modakurichi	9940728245	Team Member
20	E.O T.P Modakurichi	8925809414	Team Member
21	E.O.T.P.Avalpoondurai	8925809406	Team Member
22	E.O.T.P.Arachalur	8925809424	Team Member
23	Inspector of fisheries,Erode	9655506422	Team Member
24	ADE Highways,Erode	94861 25000	Team Member
25	AEE TNEB, Elumathur	9445852002	Team Member
26	Assistant Engineer, PWD., Buildings (C & M) Section, Kodumudi.	95785 85999	Team Member

3.Kodumudi

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	0	-
2	High	Kodumudi Town Panchayath	2	Vadakku Theru Eluppu Thoppu
		Kilampadi Town Panchayath	1	Kombu Palayam
		Kilampadi Firka	1	Nanjai Kolanalli
		Vengambur Town Panchayath	1	Kasipalayam
3	Medium	Unjalur Town Panchayath	1	Unjalur
		Kodumudi Town Panchayath	1	Chennasamudram
4		Kolathupalayam , J.J.Nagar	1	J.J.Nagar
5	Low	-	-	-

Total	-	8	-
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3.Kodumudi Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Revenue Divisional Officer, Erode.	9445000439	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar, Kodumudi	7200023507	Team Head
3	Zonal Deputy Tahsildar, Kodumudi	6384112439	Team Member
4	Firka Senior Revenue Inspector , Kodumudi	8072003418	Team Member
5	Village Administrative Officer Kodumudi	9787189707	Team Member
Search and Rescue Committee			
6	Inspector of Police Kodumudi police station, Kodumudi.	9498101240	Team Head
7	Station Fire Officer, Kodumudi Fire Station	9445086356 9363443889	Team member
8	Assistant Executive Engineer, PWD (WRD) Erode -I	94437 52522	Team Member
Evacuation Committee			
9	Fire officer, Kodumudi	9445086356 9363443889	Team Head
10	Sub Inspector of Police sivagiri police station, Sivagiri	9498107706	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Kodumudi	7338720708	Team Head
13	Block Development Officer, Kodumudi	7402607106	Team Member
14	Medical Officer, Sivagiri,GPHC	73581 39088	Team Member
15	Assistant Veterinary Doctor, Kodumudi	9965703855	Team Member
16	Women Police Sub Inspector, Erode	9498101254	Team Member
17	Mukiya Sevika from Social Welfare Department	6380126292	Team Member
18	Taluk Supply Officer, Kodumudi	9965158639	Team Member
19	Rural Health Officer/ Village Health Nurse, Ammankovil	04204-240343	Team Member
20	E.O.T.P.Kodumudi	8925809395	Team Member
21	E.O.T.P.Sivagiri	8925809401	Team Member
22	E.O.T.P.Chennasamudram	8925809408	Team Member

23	E.O.T.P.Pasur	8925809420	Team Member
24	E.O.T.P.Unjalur	8925809430	Team Member
25	Inspector of fisheries, Erode	9790842186	Team Member
26	ADE Highways,Kodumudi	94433 20266	Team Member
27	AEE TNEB, Kodumudi	9445852006	Team Member
28	Assistant Engineer, PWD., Buildings (C & M) Section, Kodumudi.	95785 85999	Team Member

4.Perundurair Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	0	0	0
2	High	Kadappamadai, SIPCOT,Perundurair	1	1
3	Medium	Thiyagi kumaran Nagar, Mugsipidariyur, Chennimalai	3	3
		Ponmudi, Perundurair		
		Kullampalayam, Perundurair		
4	Low	-	-	-
Total		-	4	4

4.Perundurair Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	District Supply Officer, Erode	9445000237	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar ,Perundurair	94450 00564	Team Head
3	Zonal Deputy Tahsildar Perundurair	9894679146	Team Member
4	Firka Senior Revenue Inspector , Perundurair	90254 96157	Team Member
5	Village Administrative officer,Perundurair A Village	9384095343	Team Member
Search and Rescue Committee			
6	Inspector of Police Perundurair police station, Perundurair	9498105921	Team Head
7	Station Fire Officer, Perundurair Fire Station	9445086357 9442242040	Team member
8	Assistant Executive Engineer, PWD (WRD) Erode -II	97877 77445	Team member
Evacuation Committee			

9	Fire officer, Perundurai	9445086357 9442242040	Team Head
10	Sub Inspector of Police Perundurai Police Station, Perundurai.	88258 97695	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Perundurai	7338720709	Team Head
13	BDO, Perundurai	7402607110	Team Member
14	Medical Officer, PHC, Perundurai	73581 38798	Team Member
15	Assistant Veterinary Doctor, Perundurai	9486153103	Team Member
16	Women Police Inspector, Bhavani	9486294580	Team Member
17	Mukiya Sevika from Social Welfare Department and GS	8675390781	Team Member
18	Taluk Supply Officer, Perundurai.	88254 42580	Team Member
19	Rural Health Officer/ Village Health Nurse, Velnagar	94425 25385	Team Member
20	E.O.T.P. Perundurai	8925809400	Team Member
21	E.O.T.P. Karumandisellipalayam	8925809394	Team Member
22	Inspector of fisheries, Erode	9790842186	Team Member
23	ADE Highways, Perundurai	94426 21118	Team Member
24	AEE TNEB, Perundurai East	9445852039	Team Member
25	Assistant Engineer, PWD., Buildings (C & M) Section, Perundurai.	86681 51913	Team Member

5. Bhavani Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	-	-
2	High	Bhavani Municipality	20	Ward No.4 - Kanthan Pattarai Ward No.4 - Pumping Station Back Side Ward No.8 - Somasundarapuram Ward 13 PALANIPURAM 1ST AND 4TH STREET Ward No. 20 PASUVESHWARAR STREET Ward No.21 - Thandai Periyar Street

				Ward No.21 –Keeraikkara street
				Ward No. 22- Old Bus Stand
				Ward No. 22- Makkan Street
				Ward No.25 Kalthozhilalar street
				Ward No. 26 -Srinavasapuram
				Ward No. 26 - Royal Theater Road
				Ward No.27 Palakkarai street
		Appakudal Town Panchayath		Ward No.10 Appakudal
		Jambai Town Panchayath		Ward No.09- Jambai
		Bhavani Firka		Uratchikottai Kamatchi Amman Koil Street
				Uratchikottai Kamatchi Nethaji Street
		Kavundapadi Firka		Kavundapadi Gandhi Nagar
				Serayampalayam
				Kavundapadi Vairamangalam
				Koomputhottam
3	Medium	-	-	-
4	Low	Kurichi Firka	4	Kesarimangalam
				Singampettai
				Kadappanallur
				Kesarimangalam
		Bhavani Firka	2	Varadhanallur
				Sanniyasipatti
Total		-	26	-

5.Bhavani Block

S.N	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	District Manager, TASMAL, Erode	9445029723	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar ,Bhavani	9445000567	Team Head
3	Zonal Deputy Tahsildar Bhavani	9942665442	Team Member
4	Firka Senior Revenue Inspector Bhavani	9976811012	Team Member
5	Village Administrative officer, Bhavani B Village	8883214104	Team Member
Search and Rescue Committee			
6	Deputy Superintend of Police, Bhavani	7995146705	Team Head
7	Inspector of Police Bhavani police station, Bhavani	9965969956	Team member
8	Station Fire Officer, Bhavani Fire Station	9445086352 9788009027	Team member
9	Assistant Exective Engineer, PWD (WRD) Bhavani	9965575275	Team Member

Evacuation Committee			
10	Fire officer, Bhavani	9445086352 9788009027	Team Head
11	Sub-Inspector of Police, Appakkodal	9498175753	Team Member
12	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
13	Municipal Commissioner, Bhavani (Municipal Area)	7358398947	Team Head
14	Co-operative sub-Registrar, Bhavani	7338720717	Team Head
15	Medical Officer, PHC, Bhavani	7358138342	Team Member
16	Block Development Officer, Bhavani	7402607126	Team Member
17	Assistant Veterinary Doctor, Bhavani	9944104560	Team Member
18	Women Police Inspector, Bhavani	9498168279	Team Member
19	Mukiya Sevika from Social Welfare Department	9976057104	Team Member
20	Taluk Supply Officer, Bhavani	6374872720	Team Member
21	Rural Health Officer/ Village Health Nurse, KORAMADAI	04256-230236	Team Member
22	E.O.T.P.Jambai	8925809409	Team Member
23	E.O.T.P.Salangapalayam	8925809421	Team Member
24	Inspector of fisheries, Bhavani	9655506422	Team Member
25	ADE Highways, Bhavani	98949 97484	Team Member
26	AEE TNEB, Bhavani	9445852118	Team Member
27	Assistant Engineer, PWD., Buildings (C & M) Section, Bhavani.	84381 45717	Team Member

6.Anthiyur Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	-	-
2	High	Athani Town Panchayat and Firka	12	Athani
				Keelvani
				Maavilakku Mariyamman Kovil Street
				Periyar Nagar

				ASM Colony
				Bagavan Garden
				Kannapan kinatru street
				Amman Nagar
				Nehru Street
				Azhagan Nagar (Ravindran Hospital)
				Annamaduvu
				Neykarai, Settinodi
		Athani Firka	6	Kuppandampalayam Karuvalvadipudur
				Kuppandampalayam Kamarajnagar
				Moongilpatty-Meenavar street
				Moongilpatty Kamachi Amman koil Street
				Moongilpatty Mariyamankoil Street
				Moongilpatty Nadupillayar koil Street
		Nerinjipettai Town Panchayat	1	Nerinjipettai
		Ammapettai Town Panchayat	1	Ammapettai
	Medium	-	-	-
4	Low	-	-	-
Total		-	20	-

6. Anthiyur Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	D.B.C.W.O (District Backward Class and Minority Welfare Officer,Erode)	9445477855	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar, Anthiyur	9445461899	Team Head
3	Zonal Deputy Tahsildar, Anthiyur	9080790689	Team Member
4	Firka Senior Revenue Inspector ,Anthiyur	8072660346	Team Member
5	Village Administrative officer, Anthiyur A Village	9788545494	Team Member
Search and Rescue Committee			
6	Inspector of Police Anthiyur police station, Anthiyur	90420 11329	Team Head
7	Station Fire Officer, Anthiyur Fire Station	9445086351 9865932222	Team member
8	Assistant Exective Engineer, PWD(WRD) Bhavani	9965575275	Team Member
Evacuation Committee			
9	Sub-Inspector of Police, Anthiyur	94981 75728	Team Head

10	Station Fire Officer, Anthiyur Fire Station	9445086351 9865932222	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Anthiyur	7338720718	Team Head
13	E.O T.P Anthiyur	89258 09383	Team Member
14	Medical Officer, PHC, Athani	73581 38179	Team Member
15	Block Development Officer, Anthiyur	7402607122	Team Member
16	Assistant Veterinary Doctor, Anthiyur	9787163301	Team Member
17	Women Police Inspector, Sathy	94981 74433	Team Member
18	Mukiya Sevika from Social Welfare Department	6381941414	Team Member
19	Taluk Supply Officer, Anthiyur	80728 85656	Team Member
20	E.O.T.P.Athani	8925809405	Team Member
21	E.O.T.P.Nerinjipettai	8925809417	Team Member
22	Inspector of fisheries, Bhavani	9384824521	Team Member
23	ADE Highways,Bhavani	98949 97484	Team Member
24	AEE TNEB,Anthiyur	9445852122 9095652154	Team Member
25	Assistant Engineer, PWD., Buildings (C & M) Section, Anthiyur.	70941 78050	Team Member

7.Gobichettipalayam Block

S. No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	-	-
2	High	Vaniputhur	3	Perumugai Sanjeevirayankulam
				Nanjai Puliyampatti
				Perumugai Adasapalayam
		Kugalur	4	Ammapalayam
Ammapalayam Ganeshapuram Road				
				Mevani-Patel Veethi

				Mevani -Mariyamman
		Gobichetti palayam	2	Pariyur
				Indra nagar
3	Medium		1	Thalaikombu pudur
4	Low	-	-	-
Total		-	10	-

7.Gobichettipalayam Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Sub Collector, Gobichettipalayam	9445000441	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar, Gobi	9445000568	Team Head
3	Zonal Deputy Tahsildar, Gobichettipalayam	7373553313	Team Member
4	Firka Senior Revenue Inspector, Lakkampatty, Gobi	9942410819	Team Member
5	Village Administrative officer, Gobichettipalayam	9629160004	Team Member
Search and Rescue Committee			
6	Inspector of Police Gobichettipalayam police station, Gobichettipalayam	8760111000	Team Head
7	Station Fire Officer, Gobichettipalayam Fire Station	9445086354 9442261553	Team member
	Assistant Executive Engineer, PWD(WRD) Gobichettipalayam	9942541391 6383850141	Team Member
Evacuation Committee			
8	Fire officer, Gobi	9445086354 9442261553	Team Head
9	Sub Inspector of Police, Siruvalur Police Station	9498175043	Team Member
10	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
11	Municipal Commissioner, Gobichettipalayam (Municipal Area)	7397392715	Team Head
12	Co-operative sub-Registrar, Gobichettipalayam	7338720711	Team Head
13	Medical Officer, PHC, Gobichettipalayam	73581 38498	Team Member
14	Block Development Officer, Gobichettipalayam	7402607130	Team Member
15	Assistant Veterinary Doctor, Gobichettipalayam	9597771161	Team Member

16	Women Police Inspector, Gobichettipalayam	9498167715	Team Member
17	Mukiya Sevika from Social Welfare Department	8526963458	Team Member
18	Spl.Tahsildar Civil Supplies, Gobi	9965053859	Team Member
19	Rural Health Officer/ Village Health Nurse,Gobi	9442129150	Team Member
20	E.O.T.P.Kugalur	8925809396	Team Member
21	E.O.T.P.Lakkampatti	8925809397	Team Member
22	E.O.T.P.Kasipalayam(Gobi)	8925809411	Team Member
23	E.O.T.P.Vaniputhur	8925809402	Team Member
24	Inspector of fisheries,Gobichettipalayam (A/c)	9994279060	Team Member
25	ADE Highways,Gobichettipalayam	9976234567	Team Member
26	AEE TNEB,Gobichettipalayam	9445852124 9445852125	Team Member
27	Assistant Engineer, PWD., Buildings (C & M) Section, Gobichettipalayam.	89032 80466	Team Member

8.Sathyamangalam Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	-	
2	High	Sathyamangalam	9	Ward No.19- Pillaiyar Kovil Street
				Ward No .19- Muniyappa Kovil Street
				Ward No 21 -Mathimarathurai Veethi
				Ward No 21 -Mamarathurai Santhu
				Ward No 21 - Parisalthurai Veethi
				Komarapalayam
				Alathukombai
				Ikkarai negamam
3	Medium	-	2	Mathampalaiyam - Kanakkarasam palaiyam
				Nallur
4	Low	-	-	-
Total		-	11	-

8.Sathyamangalam Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Distillery officer,Sakthi sugars,Sakthinagar	9486019955	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar,Sathyamangalam	9445000569	Team Head
3	Zonal Deputy Tahsildar, Sathyamangalam	9659833008	Team Member
4	Firka Senior Revenue Inspector , Sathyamangalam	8667050659	Team Member
5	Village Administrative Officer,Sathyamangalam	9629599110	Team Member
Search and Rescue Committee			
6	Deputy Superintendent of Police, Sathyamangalam	9498167006 9488766771	Team Head
7	Inspector of Police Sathyamangalam police station, Sathyamangalam	9080613876	Team member
8	Station Fire Officer, Sathyamangalam Fire Station	9445086358 8825789161	Team member
9	Assistant Executive Engineer, PWD (WRD) Bhavanisagar	9486256800	Team member
Evacuation Committee			
10	Fire officer, Sathyamangalam.	9445086358 8825789161	Team Head
11	Sub Inspector of Police, Sathyamangalam	9498175924	Team Member
12	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
13	Municipal Commissioner Sathyamangalam (Municipal Area)	7397392717	Team Head
14	Co-operative sub-Registrar, Sathyamangalam	7338720714	Team Head
15	BDO, Sathyamangalam	7402607142	Team Head
16	Medical Officer, PHC, Sathyamangalam	73581 38006	Team Member
17	Assistant Veterinary Doctor, Sathyamangalam	9543579111	Team Member
18	Women Police Inspector, Sathyamangalam	04295220228	Team Member
19	Mukiya Sevika from Social Welfare Department	9789161338	Team Member
20	Taluk Supply Officer, Sathy	9445000242	Team Member
21	Rural Health Officer/ Village Health Nurse, Sathy	9095061142 6379654119	Team Member
22	E.O.T.P.Ariyappampalayam	8925809404	Team Member
23	Inspector of fisheries, Gobi (A/c)	9566673503	Team Member
24	ADE Highways,Sathyamangalam	9976755288 7010232773	Team Member

25	AEE TNEB, Sathyamangalam	9445852128	Team Member
26	Assistant Engineer, PWD., Buildings (C & M) Section, Sathyamangalam.	96776 97669	Team Member

8.Thalavadi Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location
1	Very High	-	-	-
2	Medium	-	2	Hasanur
		-		Iggalur
3	Low	-	-	-
Total		-	02	-

9. Thalavadi Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	(D.A.D.W.O) District Adi-Dravidar Welfare Officer,Erode	7338801258	Nodal Officer
Early Warning Committee			
2	Taluk Tahsildar ,Thalavadi	9789037149	Team Head
3	Zonal Deputy Tahsildar, Thalavadi	6380093586	Team Member
4	Firka Senior Revenue Inspector , Thalavadi	9842429193	Team Member
5	Village Administrative Officer,Mallankuli	9159562623	Team Member
Search and Rescue Committee			
6	Inspector of Police Thalavadi police station, Thalavadi	6382541727 9442915654	Team Head
7	Station Fire Officer, Hassanur Fire Station,	9445086518 9944296244	Team Member
8	Assistant Executive Engineer, PWD (WRD) Gobichettipalayam.	9942541391 6383850141	Team Member
Evacuation Committee			
9	Station Fire Officer, Hassanur Fire Station,	9445086518 9944296244	Team Head
10	Sub Inspector of Police,Hassanur	9498175375	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Thalavadi	7338720716	Team Head
13	Block Development Officer, Thalavadi	7402607151	Team Member

14	Medical Officer, PHC, Thalavadi	73581 38098	Team Member
15	Assistant Veterinary Doctor, Thalavadi	9489186690	Team Member
16	Women Police Inspector, Sathy	9498117201 7845666983	Team Member
17	Mukiya Sevika from Social Welfare Department	8903738450	Team Member
18	Taluk Supply Officer, Thalavadi	8883040691	Team Member
19	Inspector of fisheries, Gobichettipalayam (A/c)	9994279060	Team Member
20	ADE Highways, Thalavady	9442589969	Team Member
21	AEE TNEB, Sathyamangalam	9445852133 9500275368	Team Member
22	Assistant Engineer, PWD., Buildings (C & M) Section, Thalavadi.	88702 00425	Team Member

10.Chennimalai Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Assistant Project Officer (Infra-II), DRDA Erode	7402607088 9994328137	Nodal Officer
Early Warning Committee			
2	Tahsildar , Perundurai	9445000564	Team Head
3	Zonal Deputy Tahsildar, Chennimalai	9952120727	Team Member
4	Firka Senior Revenue Inspector, Chennimalai	7502209590	Team Member
5	Village Administrative Officer, Attavanaipidariyur Village	9994669591	Team Member
Search and Rescue Committee			
6	Inspector of Police, Chennimalai	9498108666	Team Head
7	Station Fire Officer, Chennimalai Fire Station,	9445086536 9865419337	Team Member
8	Assistant Executive Engineer, PWD (WRD) Kangayam-III	99423 04445	Team Member
Evacuation Committee			
9	Station Fire Officer, Chennimalai, Fire Station,	9445086536 9865419337	Team Head
10	Inspector of Police, Perundurai Station	9445086536 9865419337	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Chennimalai	7338720710	Team Head

13	Block Development Officer, Chennimalai	7402607114	Team Member
14	Medical Officer, PHC, Chennimalai	73581 38842	Team Member
16	Assistant Veterinary Doctor, Chennimalai	9176127516	Team Member
17	Mukiya Sevika from Social Welfare Department	8903204294	Team Member
18	E.O T.P, Chennimalai	8925809386	Team Member
19	Rural Health Officer/ Village Health Nurse, Chennimalai	8675773139	Team Member
20	Rural Welfare Officer, Chennimalai	9751550803	Team Member
21	Taluk Supply Officer, Perundurai.	88254 42580	Team Member
22	Inspector of fisheries, Erode	9384824521	Team Member
23	ADE Highways, Perunudurai	94426 21118	Team Member
24	AEE TNEB, Chennimalai	9445852043	Team Member
25	Assistant Engineer, PWD., Buildings (C & M) Section, Perundurai.	86681 51913	Team Member

11.Ammapettai Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Assistant Executive Engineer (R &B), Erode	74026 07078	Nodal Officer
Early Warning Committee			
2	Tahsildar (SSS), Anthiyur	97897 78143	Team Head
3	Zonal Deputy Tahsildar, Anthiyur	90807 90689	Team Member
4	Firka Senior Revenue Inspector, Ammapettai	97917 54252	Team Member
5	Village Administrative Officer, Ammapettai A Village	95243 98838	Team Member
Search and Rescue Committee			
6	Inspector of Police, Ammapettai police station.	94981 06526	Team Head
7	Station Fire Officer, Perundurai Fire Station,	9445086351 9865932222	Team member
8	Assistant Executive Engineer, PWD (WRD) -Bhavani	9965575275	Team member
Evacuation Committee			
9	Station Fire Officer, Perundurai Fire Station,	9445086351 9865932222	Team Head
10	Sub Inspector of Police, Ammapettai police station.	9498175063	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.

Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Ammapettai	7338720719	Team Head
13	Block Development Officer, Ammapettai	7402607118	Team Member
14	Medical Officer, PHC, Ammapettai	73581 38280	Team Member
15	Assistant Veterinary Doctor, Ammapettai	9842195486	Team Member
16	Women Police, Erode Police station	9486294580	Team Member
17	Mukiya Sevika from Social Welfare Department	9942141974	Team Member
18	E.O T.P, Ammapettai	8925809423	Team Member
19	Rural Welfare Officer, Ammapettai	7305875378	Team Member
20	Taluk Supply Officer, Anthiyur	80728 85656	Team Member
21	Inspector of fisheries, Bhavani	9655506422	Team Member
22	ADE Highways, Ammapettai	98949 97484	Team Member
23	AEE TNEB, Bhavani	9445852118	Team Member
24	Assistant Engineer, PWD., Buildings (C & M) Section, Anthiyur.	70941 78050	Team Member

12. Nambiyur Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Distillery Officer, Bannariamman Sugars, Chinnapuliur.	9443341911	Nodal Officer
Early Warning Committee			
2	Tahsildar , Nambiyur	9486519357	Team Head
3	Zonal Deputy Tahsildar, Nambiyur	6383522814	Team Member
4	Firka Senior Revenue Inspector, Nambiyur	9865761746	Team Member
5	Village Administrative Officer, Nambiyur A Village	9944456566	Team Member
Search and Rescue Committee			
6	Inspector of Police, Nambiyur Police station	9843542462	Team Head
7	Station Fire Officer, Gobi Fire Station,	9445086354 9442261553	Team Member
	Assistant Executive Engineer, PWD (WRD) -Gobichettipalayam.	9942541391 6383850141	Team Member
Evacuation Committee			
8	Station Fire Officer, Gobi Fire Station,	9445086354 9442261553	Team Head
9	Inspector of Police, Nambiyur Police station	9843542462	Team Member
10	15 First Responders	---	Mobile Team

			members to assist in evacuation.
Relief Centre/Shelter Management Committee			
11	Co-operative sub-Registrar, Nambiyur	7338720713	Team Head
12	Block Development Officer, Nambiyur	7402607138	Team Member
13	Medical Officer, PHC, Nambiyur	73581 38598	Team Member
14	Assistant Veterinary Doctor, Nambiyur	9865481427	Team Member
15	Women Police ,Gobi Police station	9498167715	Team Member
16	Mukiya Sevika from Social Welfare Department and GS	9789524813	Team Member
17	E.O (TP) ,Nambiyur	8925809398	Team Member
18	Rural Health Officer/ Village Health Nurse,Nambiyur	8925809404	Team Member
19	Taluk Supply Officer, Nambiyur	8608262079	Team Member
20	E.O.T.P.Elathur	8903262815	Team Member
21	Inspector of fisheries, Gobichettipalayam (A/c)	9994279060	Team Member
22	ADE Highways,Nambiyur	9698690630	Team Member
23	AEE TNEB, Nambiyur	9445852183	Team Member
24	Assistant Engineer, PWD., Buildings (C & M) Section, Bhavanisagar.	6379211136	Team Member

13.Thokkanaickenpalayam Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Assistant Project Officer (Infra-I),DRDA	7402607087 9486313196	Nodal Officer
Early Warning Committee			
2	Tahsildar Gobichettipalayam	9445000568	Team Head
3	Zonal Deputy Tahsildar, Gobichettipalayam	7373553313	Team Member
4	Firka Senior Revenue Inspector, Vaniputhur	9790426880	Team Member
5	Village Administrative Officer, Vaniputhur A Village	7010628295	Team Member
Search and Rescue Committee			

6	Station Fire Officer, Gobi Fire Station,	9445086354 9442261553	Team Head
7	Inspector of Police Bangalapudur, police station	9498149743 9025691865	Team Member
	Assistant Exective Engineer, PWD(WRD) Gobichettipalayam	9942541391 6383850141	Team Member
Evacuation Committee			
8	Station Fire Officer, Gobi Fire Station	9445086354 9442261553	Team Head
9	Inspector of Police, T.N. Palayam Police station	9500070009	Team Member
10	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
11	Co-operative sub-Registrar, T.N.Palayam	7338720712	Team Head
12	Block Development Officer, T.N Playam	7402607134	Team Member
13	Medical Officer, PHC, T.N Palayam	73581 38698	Team Member
14	Assistant Veterinary Doctor, T.N Palayam	9965994602	Team Member
15	Women Police ,Gobi Police station	8300037037	Team Member
16	Mukiya Sevika from Social Welfare Department	9385374340	Team Member
17	Spl.Tahsildar Civil Supplies, Gobi	9965053859	Team Member
18	Rural Health Officer/ Village Health Nurse T.N Palyam	6380400511	Team Member
19	Rural Welfare Officer, T.N.Palayam	8489314028	Team Member
20	E.O.Kembanaickenpalayam	8925809426	Team Member
21	Inspector of fisheries, Gobichettipalayam	9566673503	Team Member
22	ADE Highways,Nambiyur	8248472734	Team Member
23	AEE TNEB, Nambiyur	9445852183	Team Member
24	Assistant Engineer, PWD., Buildings Construction Section, Sathyamangalam.	90803 60520	Team Member

14.Bhavanisagar Block

S.No	Category	Name of the Firka or rural /Township for Urban Areas	Vulnerable Area	
			Total No.	Location

1	Very High	-	-	-
2	High	Sathyamangalam	3	Doddampalayam Devangapuram Amman koil street Doddampalayam Devangapuram Karuparayan Koil Street Doddampalayam Boyar Colony
3	Medium	-	-	-
4	Low	-	-	-
Total		-	3	-

14.Bhavanisagar Block

S.NO	DESIGNATION	CONTACT NUMBER	Responsibility assigned
1	Assistant Executive Engineer (R &B),Gobi	7402607075 9488071122	Nodal Officer
Early Warning Committee			
2	Tahsildar Sathyamangalam	9445000569	Team Head
3	Zonal Deputy Tahsildar, Sathy	9659833008	Team Member
4	Firka Senior Revenue Inspector, Bhavanisagar	9629554195	Team Member
5	Village Administrative Officer, Koththamangalam Village	7398080116	Team Member
Search and Rescue Committee			
6	Inspector of Police Bhavanisagar, police station	9498178300	Team Head
7	Station Fire Officer, Gobi Fire Station, Gobi	9445086354 9442261553	Team Member
8	Assistant Exective Engineer, PWD (WRD) Bhavanisagar	9486256800	Team Member
Evacuation Committee			
9	Inspector of Police, T.N. Palayam Police station	04285-260225	Team Head
10	Station Fire Officer, Gobi Fire Station,	9445086354 9442261553	Team Member
11	15 First Responders	---	Mobile Team members to assist in evacuation.
Relief Centre/Shelter Management Committee			
12	Co-operative sub-Registrar, Bhavanisagar	7338720715	Team Head

13	Block Development Officer, Bhavanisagar	7402607147	Team Member
14	Medical Officer, PHC, Bhavanisagar	73581 38136	Team Member
15	Assistant Veterinary Doctor, Bhavanisagar	9443622621	Team Member
16	Women Police ,Sathy Police station	9498117201	Team Member
17	Mukiya Sevika from Social Welfare Department	9626301188	Team Member
18	E.O. T.P, Bhavanisagar	8925809385	Team Member
19	Rural Health Officer/ Village Health Nurse, Punjai Puliampatti	04295-267670 7639270740	Team Member
20	Taluk Supply Officer, Sathyamangalam	9445000242	Team Member
21	Inspector of fisheries, Gobichettipalayam (A/c)	9566673503	Team Member
22	ADE Highways,Thalavady	9442589969	Team Member
23	AEE TNEB, Bhavanisagar	9445852131	Team Member
24	Assistant Engineer, PWD., Buildings (C & M) Section, Bhavanisagar.	63792 11136	Team Member

ANNEXURE-6

LIST OF RESOURCES AVAILABLE IN DISTRICT (PUBLIC AND PRIVATE)

1. List of JCB owners, General stores, Medical stores, Generator hiring firms:

S. no	Taluk	Owner Name	Current Address	Telephone Number
1	Modakurichi	Murugesan K	77 A Sasthiri Nagar 2 Street Kasipalayam Erode Railway Colony Erode ,District: Erode ,State: Tn ,Pin Code: 638002	9842703433
2	Modakurichi	Krishnasamy R	No 46/24, North Street Periyavattam ,District: Erode ,State: Tn ,Pin Code: 638151	9442220248
3	Modakurichi	Trineva Infra Projects	H74 First Floor Periyar Nagar ,District: Erode ,State: Tn ,Pin Code: 638001	9513700766
4	Modakurichi	Trineva Infra Projects	H74 First Floor Periyar Nagar ,District: Erode ,State: Tn ,Pin Code: 638001	9513700766
5	Modakurichi	Gandhi C	No 8 Vadapalani East Street Arachalur Via ,District: Erode ,State: Tn ,Pin Code: 638101	9842022365
6	Erode	Rajamanickam P	1 E Amaravathi Nagar Suriyampalayam Erode	9865122693
7	Erode	Rajamanickam	1 E Amaravathi Nagar Suriyampalayam Erode ,District: ,State: Tn ,Pin Code: 638005	9865281516
8	Erode	Rajamanickam P	25/1, Subramaniam Nagar V Chathiram Erode ,District: Erode ,State: Tn ,Pin Code: 638052	9443498476
9	Erode	Sakthivel S	No 1 E Amaravathi Nagar Suriyam Palayam Ramanadhapura Pudhur Erode	9842730209
10	Perundurai	V Krishnasamy	116 Kilakku Thottam,Thippampalayam &Po,Perundurai,Erode	9750930046
11	Perundurai	A.Vijayakumar	No.2/30 B,Melapalayam,Chennimalai,Erode,Tamil Nadu,638051	9443154556
12	Perundurai	A. Karthikeyan	45, Uthukuli Road,,Chennimalai,Perundurai, Erode,Tamil Nadu,638051	9842761681
13	Perundurai	Cauvery Constructions	102, Om Shakti Kovil Street,Main Road, Perundurai,,Erode,Tamil Nadu,638052	9965560205
14	Perundurai	Cauvery Constructions	102, Om Shakti Kovil Street,Main Road, Perundurai,,Erode.	9965560205
15	Sathy	Bannari Amman Sugars Ltd	Alathukomabai Village,Sathyamangalam Tk,Erode Dist,,Tamil Nadu,638401	7708225500

16	Sathy	Devaraj V	Dno 5/99,Kambanna Street,Punjaipuliampatti,Erode,Tamil Nadu,638459	9842617799
17	Sathy	K P Natarajan	No 31/14 Mettupalayam Road,Sathiyamangalam Tk,Erode Dt,,Tamil Nadu,638402	9842043642
18	Sathy	K P Natarajan	D No 31/14 Mettupalayam Road,Sathiyamangalam Tk,Erode Dt,,Tamil Nadu,638402	9842043642
19	Sathy	Bannari Amman Sugars Ltd	Alathukombai,Sathiyamangalam,Erode,,Tamil Nadu,638401	7708225500
20	Gobi	Ponnusamy K	62b Theethampalayam,Sinnaripalayam, Kolappalur Tp,Kolappalur,Tamil Nadu,Erode,638456	9965020660
21	Gobi	Gopalakrishnan P K	190/1 Navithankattu Thottam,Perumugaipudur,Gobichettipalayam,Tamil Nadu,Erode,638505	9842776219
22	Gobi	Sri Sivaram & Co	Door No:Vettaikaran Kovil,,Modachur Village,,Gobichettipalayam	9842433275
23	Gobi	Sri Sivaram & Co	Door No:40/21,Vettaikaran Kovil,,Modachur Village,,Gobichettipalayam	9842433275
24	Gobi	Janani G	817,Bharathiyar Street,,Gobipalayam,Alukuli.	9659065546
25	Bhavani	Dinesh Kumar M	8/1134,Manapallam Eb Colony,,Lakshmi Nagar,,Bhavani,,Erode,Tamil Nadu,638316	9480555497
26	Bhavani	Sri Ranganathar Constructions P Ltd	599, H,C4 - Chinnappa Layout,,Ponnar Sankar Illam, Near Bala Gas,Agency Bhavani,Erode,	7373964777
27	Bhavani	Karthik S	133,Thotipalayam,,Kalpavi,Olagadam,,,Erode,Tamil Nadu,638314	8838660018
28	Bhavani	Chikkannan M	156,Kadaiyeratti,,Thamarakkarai R.F,,,Erode,Tamil Nadu,638501	9445155661
29	Bhavani	Thejas Construction	402,Kuppusamy,,Sindhagoundan palayam,Vempathi,,Anthiyur,,Erode,Tamil Nadu,638315	9659859130
30	Bhavani	Madevan K	45,Eratti,Anthiyur Taluk,,Thamarakkarai R.F,,,Erode,Tamil Nadu,638501	9488017442

S.No	Name of The Departmental stores	Mobile No
1.	Jaisuryas Departmental Stores, No.309/384, Perundurai Road, Thindal, Erode-638009.	8220046365
2.	The Peoples Mart, 65, Madhavakrishna Street, Erode-638001.	9962990551
3.	Sudha Stores, 181, Anna Street, Modakkuruchi	0424-2501425
4.	Sri Jeevan Stores, Bye pass Road, Kodumudi	9655700700
5.	Co-operative Departmental Stores, 70/77, Perundurai Road, Collectorate PO, Erode-638011	2214167 2222814
6.	Shri Ram Departmental Stores, Chennimalai Road, Perundurai.	9488382124
7.	Shri Raj Departmental Stores, Erode Road, Lakshmi Nagar, Kalingarayanpalayam, Bhavani-638316	87547 08866
8.	Sri Kannan Departmental Stores, 2, Muthu Vellappan Street, Pudupalayam, Gobichettipalayam.	090478 45000
9.	PRC Departmental Stores, North Rangasamudaram, Sathyamangalam	04295 221 677 9865236270
10.	Lingam Stores, Bazar Street, NH-209, Vandipalayam, Sathyamangalam.	9952283432
11.	Krishna Medicals, Kottuveerampalayam, Sathyamangalam	Velmurugan – 7639777739
12.	Aleem Medical's, Athani Raod, Sathyamangalam	JahvithAbdullah – 9443065499
13.	Taj Madicals's, Bannari, Sathyamangalam	Nazirullah – 9965215798
14.	Preethi Medical's, Rajiv Nagar, Sathyamangalam	9443853366

S. No.	Name of The Medical stores	Mobile No
1.	Chinthamani Medical Shop, Sathy Road, Erode.	0424 2268174
2.	Maruthi Medicals, No 76-A, Chennimalai Road, Opposite Diesel Shed, Erode, Tamil Nadu - 638001	9865065673
3.	Deepa Medicals, No 1492, Evn Road,, Near Erode Bus Stand, Erode, Tamil Nadu - 638001	9842651050 0424 - 2215200
4.	Kaveri Medicals, 19/1, P. R. S. Road, Kumarapuri, Erode - 638051	9942106630, 9626632663
5.	Sri Vela Medical, SH 96, Perundurai	96294 87766
6.	Nathan Medicals, 283, Main Road, Perundurai.	04294 220319
7.	Appollo Pharmacy, No.598, Mettur Main Road, Bhavani.	8605000101
8.	Consumer Co-operative Medical Shop, Bhavani Road, Anthiyur.	04256 261 431
9.	Shankari Pharmaceuticals, 277, Main Road, Gobichettipalayam.	04285 222305
10.	Appollo Pharmacy, 173, Mysore Trunk Road, Rangasamudaram, Sathyamangalam.	04295224848
11.	Indian Store, Rangasamuthiram, Sathyamangalam	Jaleel - 9715750536
12.	Tamilnadu Store. Kottuveerampalayam, Sathyamangalam	Mohamad Vahjtheen 8760993786
13.	Valarmathi Store, Athani, Sathyamangalam	Ibrahim - 9487645793
14.	Anandha Maligai, Vadakkupettai, Sathyamangalam	Ganesan - 9843031588
S.No	Name of Generators Owners	Mobile No
1.	Maruthi Diesel, No.98, 52/3, Nehru Street, Erode-638001.	9585544632
2.	Arun Generator Service, No.141, Indiragandhi Street, Palayapalayam, Erode-638011.	9487001103
3.	Sri Balaji Gen Tech Engineering, No.4/454, Coimbatore NH Road, Vijayamangalam.	04294326155
4.	Power Parts Services, EB Colony, Lakshmi Nagar, Kalingarayan Nagar, Bhavani.	9791644296
5.	Sathish Audios, Gandhi Road, Ammapettai.	9940915129
6.	Sri Thirumagal Cini Company, No.10.42, Karur Road, Kodumudi.	9442762473
7.	K.S.R. Sound system Manavari & Generator, Ammankoil Pirivu, Kenjanur, Sathyamangalam.	9976209310
8.	Nathan Electrical Works, KNK Road, Karungalpalayam, Erode.	9865956068, 0424 2226068
9.	R.K.Sound Service and Electricals, 43/2, Chinnamuthu Street, Erode-638001.	0424 2266692
10.	Sri Ganapathy Generator Service, No.57, Sri Ranga Street, Erode-638001.	9843172018
11.	Siva Sakthi - Vellingiri, Sathyamangalam	9443499209
12.	Kannan - Velu, Sathyamangalam	9443840914
13.	Sakthi Generaters's - Raja, Sathyamangalam	9443733699

ANNEXURE-7

LIST OF INFRASTRUCTURE IN THE DISTRICT (PUBLIC AND PRIVATE) SUCH AS POLICE STATIONS, SHELTERS ETC.,

LIST OF PUBLIC BUILDING

Erode Taluk

List of Public Buildings

Sl.No	Name of the School	Contact Number
1	Railway Colony Higher Secondary School, Erode Town, Erode.	9442592897 THENMOZHI N
2	Municipality Middle School, near Kalaimadu Statue, Erode	7373027462 P.JAYA
3	Government Girls Hr. Sec.School, Gandhiji Road, Erode.	9442592844 SUGANTHI M
4	C.S.I Girls Hr. Sec. School, Erode Town, Erode.	94425 92889 T. CHITRA VIJAYARANI
5	C.S.I Boys Hr. Sec. School, Erode Town, Erode.	8072103950 D.Senthilkumar(HM Incharge)
6	C.S.I Mat. Hr.Sec.School, S.K.C Road, Erode.	9487868428
7	Sengunthar Boys Hr.Sec. School, Erode.	9442592952 S.VELUMANI
8	Kalaimahal Kalvi Nilayam, Erode.	9486622711 HANNAH SASIKALA
9	Kamarajar Hr.Sec.School, Erode.	9843748820 L ROHINI
10	Sengunthar Girls Hr.Sec. School, Erode.	8883048211 T. Kavitha
11	MunicipalityMiddle School, S.K.C Road, Erode.	9942362100 K.SUMATHI
12	Girls Hr.Sec.School, Cauvery Road, Erode.	94425 93018 T D MALA
13	ChikkaiahNaickarCollege, Sathy Road, PeriyasemurVillage, Erode.	94435 47595
14	Housing Unit Boys Hr.Sec. School, Manickampalayam, PeriyasemurVillage, Erode.	9442592822

15	Erode Indhu Kalvi Nilayam, Mamarathupalayam, Erode.	9443934060 VIVEKANANDAN T
16	Govt.UnionMiddle School, Surampatti, Erode.	8300323764 C.PUNITHAVATHI
17	Govt. Hr.Sec.School, Kasipalayam, Erode.	9442592937 G.AMUDHA
18	UnionPrimary School, Kasipalayam, Erode.	9750438383 V.GOVINDARAJ
19	UnionPrimary School, Rangampalayam, Erode.	9600886757 K.VIJAYAGOWRI
20	UnionMiddle School, Molagoundanpalayam, Erode.	9942480399 D.CHITHRA
21	Govt.Primary School, Kollampalayam , Erode.	97861 89619 R.UMADEVI
22	St. Reeta Girls. High School, Railway Colony, Erode.	9487966573 0424 2282815
23	St. Reeta Girls. Aided Primary School, Railway Colony, Erode.	9965976976 SIST.P.NIRMALA
24	Meenakshi Sundaranar Sengundar Hr.Sec.School Self Finance, Kanagapuram Salai, Rangampalayam, Erode.	8883301888 D.JOAN JOSEPH
25	Kongu Kalvi Nilayam Mat. Hr.Sec.School (Self Finance) Rangampalayam, Erode.	9842699901 NATHIYA
26	Aided Middle School, Ragupathi Naickan palayam.	9384982350 T.SRIDHARAN
27	Carmal Mat.Hr.Sec.School, Self Finance, Karur Bye pass Road, Kollampalayam.	9486011897 REV.FR.DR. ANSON PANENGADEN
28	Deivanai Perumal Hr.Sec.School Self Finance, Molagoundanpalayam.	8344980094 R.RAMYA
29	Ashram Mat.Hr.School (Self Finance), Kollampalayam, Erode.	9442817360 S. Perumal

**LIST OF KALYANAMANDAPAM
ERODE TALUK**

Sl. No.	Thirumana Mandapam	Phone No.
1	Govt Boys Hostel - Stoney Bridge	9080423876
2	St.Marys Hss - State Bank Road	9566332457
3	B.S. Mahal	9842718585

**PERUNDURAI TALUK
Kalyana Mandapam**

Sl. No.	Name of the Kalyana Mandapam	Name of the Owner	Phone No.
1.	Sri Annamar Thirumanamandapam	Dharmaraj	9842734161
2.	Devi Thirumana Mahall	Srinivasan	7598417894
3.	Valarmathi Thirumana Mandapam	Nataraj	9788293599
4.	Amman Thirumanamandapam	Parthiban	8300039608

ANTHIYUR TALUK

Kalyana Mandapams:

Sl. No.	Name of the village	Name of the temporary shelter	Mobile No.
1.	Anthiyur	Lakshmi Thirumana Mandapam	9842019999
2.	Anthiyur	Aruljothi Thirumana Mandapam	9443304325
3.	Anthiyur	M.J. Thirumana Mandapam	9159046444
4.	Patlur	K.N.Muthusamy Mahal	9812757724
5.	Thavuttupalayam	Alagumuthu Thirumana Mandapam	9788294975
6.	Anthiyur	Viswakula Thirumana Mandapam	9976839460
7.	Thavuttupalayam	Dhanalakshmi Thirumana Mandapam	9150496433
8.	Thavuttupalayam	Sangumahal Thirumana Mandapm	9976135619

BHAVANI TALUK

Thirumana Mandapam:

Sl. No.	Name of the Mandapam	Contact person	Phone No.
01.	Arul Marriage Hall, P.Mettupalayam	Mohan	97912 52878
02.	Sowdeshwari Thirumanamandapam, Pasuveshwar Street, Bhavani	Sivasupramaniyan	98425 30127
03.	Samuthaya Koodam, Rana Nagar, Kuruppanaicken palayam, Bhavani	Samuthaya Kudam	98657 20696

GOBICHETTIPALAYAM TALUK

Sl. No.	Name of the Mandapam	Contact Person	Phone No.
1	Sri Karthikeya Mahal	Kiruthika	8072045607
2	Sivasakthi Mahal	Gunasekaran	9677962697
3	Sri Vel Mahal	Suganthi	8778896068

KODUMUDI TALUK

Sl. No.	Name of the Mandapam	Contact Person	Phone No.
1	Sap Mahal	Boopathi	9443646484
2	Seetharam Thirumana Mandabam	Ramkumar	9443369608
3	Samudhyakoodam, Nanjai Uthukuli	Sugunadevi	9952448367

MODAKURICHI TALUK

Sl. No.	Name of the Mandapam	Contact Person	Phone No.
1	Samudhyakoodam, Ramanadhapuram, Nanjai Uthukuli	Sugunadevi	9952448367

THALAVADI TALUK

Sl. No.	Name of the village	Name of the Temporary Shelter	Mobile No.
1.	Thottagajanur, Thalavady	Community Hall/ Thiru.Shangaramoorthi (Panchayat Secretary)	7975250216
2.	Thalavady	Classic Kalyana Mandapam	8668189966

SATHYAMANGALAM

Sl. No.	Name of the village	Name of the Temporary Shelter	Mobile No.
1	Kothamangalam	Nagammal Thirumana Mandabam	8883979999
2	Panayampalli	Sakthi Mahal	9629906362
3	Dhoddampalayam	Tns Mandabam	9865381246

ANNEXURE-8

**LIST OF NON GOVERNMENTAL ORGANISATIONS/
LIST OF PUBLIC VOLUNTEERS /LIST OF NCC & NSS**

S. No.	Voluntry Organisation Name and Address	Contact Numbers
1	Bannari Rural Foundation, Sathyamangalam	04295-220363
2	Milky Mist	0424 253 3238
3	Chennai Silks, Erode	090030 88967
4	Olirum Erodu Foundation	9786953395
5	Lions Club Erode Mid Town, Gomathi Complex, 1st Floor, Near Corporation Bank,Teacher's Colony, 26, Dr.Radhakrishnan Road, Erode,	95241 75475
6	Lions Club of Erode Supreme Chartitable Trust, No.27, SKC Road, Erode-1	0424 2257744 9942988429
7	Lions Club of Erode West Chartitable Trust, 335, St.Marys Complex, Nethaji Road, Erode-1	0424 2264683 9443840994
8	SNEHA	98655-64399
9	CEED	95668-74782
10	REED MAS	94432-73283
11	SURABI	96887-96238
12	CEEMA	99422-12464
13	Sakthi Devi Cheritable Trust	0424-2533601

LIST OF PUBLIC VOLUNTEERS FOR SNAKE CATCHERS

Sl.No	Name of the Taluk	Village	Name	Telephone Number
1	Erode	Thindal	Yuvaraj	7373730525
2	Erode	Erode C	Elango	7402142044
3	Modakurichi	Nanjai Uthukuli B	Yuvaraj	9976264819
4	Perundurai	Perundurai	Govindaraj.S	8012737227
5	Perundurai	Perundurai	Kathirvel.M	8675768694
6	Perundurai	Perundurai	Dhineshkumar.P	9994204698
7	Perundurai	Perundurai	Arunkumar.M	9344945423
8	Bhavani	Appakudal	Vetri	75980 08880
9	Bhavani	Appakudal	Velu	96883 65771
10	Bhavani	Oratchikottai	Mohan	93617 27338
11	Bhavani	Oratchikottai	Sandhi	86086 88839
12	Bhavani	Perunthalaiyur	Ramu	7418503768
13	Bhavani	Kadappanallur	P.Krishnamoorthy	9543345651
14	Bhavani	Kadappanallur	Gowtham	6381647590
15	Anthiyur	Poonachi	Karuppasamy	6380031066
16	Anthiyur	Poonachi	Moorthi	9484774550
17	Anthiyur	Ennamangalamm	Sivasubramaniyam	9542616788
18	Anthiyur	Ennamangalamm	Satheesh	7418223546
19	Anthiyur	Sankarapalayam	Maathan	9944628131
20	Anthiyur	Sankarapalayam	Nesan	7904985288

21	Gobichettipalayam	Modachur	Loganathan	9943225052
22	Gobichettipalayam	Thadapallikarai	Gokulprasath	9500504243
23	Gobichettipalayam	Alukkuli A	Dhanush	90805681
24	Nambiyur	Avalampalayam	Sasikumar	9600293183
25	Nambiyur	Avalampalayam	Udhayakumar	9940840974
26	Sathyamangalam	Maakanangombai	Krishnan	8870404345
27	Sathyamangalam	Senbagapudur	Prakash	8098085342
28	Sathyamangalam	Sathyamangalam	Boobathi	9788926240
29	Sathyamangalam	Thoppampalaiyam	Santhoshkumar	8524903643
30	Sathyamangalam	Thoppampalaiyam	Arivarasu	7604902160
31	Sathyamangalam	Thoppampalaiyam	Eeswaramoorthi	8248032818
32	Sathyamangalam	Thoppampalaiyam	Harikaran	6379868717
33	Sathyamangalam	Thoppampalaiyam	Poviyarasu	9976475129
34	Sathyamangalam	Thoppampalaiyam	Gokulkrishan	6382925683
35	Sathyamangalam	Thoppampalaiyam	Mithankumar	7904070860
36	Thalavadi	Thalavadi	Amjathkhan	9443838936

LIST OF PUBLIC VOLUNTEERS FOR SWIMMERS

Sl.No	Name of the Taluk	Village	Name	Telephone Number
1	Erode	Thindal	Shanmugam	9842730214
2	Erode	Thindal	Ganesan	9976025125
3	Erode	Erode C Village	Govarthanan	73736 02035
4	Erode	Erode C Village	Gowtham	97868 32941
5	Erode	Vairapalayam	Murugan	9688451373
6	Erode	Vairapalayam	Shanmugam	9865905035
7	Erode	Vairapalayam	Senthil	9942074896
8	Erode	Vairapalayam	Rajendiran	9698512841
9	Erode	Vairapalayam	Saravanan	9092461501
10	Erode	Vairapalayam	Samidurai	9095585567
11	Erode	B.P.Agraharam	Saravanan	9025490260
12	Erode	B.P.Agraharam	Jagadeesh	9566731910
13	Modakkurichi	Arachalur	Ananth	9942936026
14	Modakkurichi	Arachalur	Dhanakumar	7502316566
15	Modakkurichi	Arachalur (B)	Satya Priyan	6547812497
16	Modakkurichi	Attavanai Anumanpalli (B)	Satheshkumar	9942123461
17	Modakkurichi	Aval Poondurai (A)	Sathish Kannan	9874512456
18	Modakkurichi	Kanagapuram (A)	Naillasamy	7502265700
19	Modakkurichi	Kanagapuram (B)	Chitteeswaran	9585929001
20	Modakkurichi	Kulavilakku	Nataraj	9344667255
21	Modakkurichi	Kurukkapalayam	Murugaiyan	9442240983
22	Modakkurichi	Modakkurichi (B)	Hariharisudhan	7539907901
23	Modakkurichi	Mugasi Anumanpalli	Gopinath	9942012755
24	Modakkurichi	Nanjai Kalamangalam	Thangavel	9486901950

25	Modakkurichi	Palamangalam	Dinesh	9865903091
26	Modakkurichi	Poonduraisemur	Thamodaran	9750159776
27	Modakkurichi	Pudur (A)	Narayanasamy	8825824737
28	Modakkurichi	Pudur (B)	Soundhar	8883111562
29	Modakkurichi	Punjai Kalamangalam (B)	Saran	8220011954
30	Modakkurichi	Punjai Lakkapuram	Naveenkumar	9080471696
31	Modakkurichi	Punjai Lakkapuram	Sitheshwaran	9585929001
32	Modakkurichi	Sathambur	Murugaiyan	9442240983
33	Modakkurichi	Thanathampalayam	Dhineshkumar	7539980525
34	Modakkurichi	Vadugapatti (C)	Govintha Balu	9942077453
35	Modakkurichi	Velampalayam	Sekar	8741253621
36	Modakkurichi	Vilakkethi	Sathiya Prakasam	9566398824
37	Kodumudi	Unjalur	Vinoth Kumar	6380381446
38	Kodumudi	Chenna Samuthuram	Prabukumar	9080050425
39	Kodumudi	Ichipalayam	Nallasamy	8883090009
40	Kodumudi	Ichipalayam	Sandru	6380865330
41	Kodumudi	Ichipalayam (B)	Rajeskumar	9629621230
42	Kodumudi	Kollankovil	Prabhu	9942278387
43	Kodumudi	Konthalam	Jevanantham	7806862334
44	Kodumudi	Konthalam	Sivashangaran	9345374825
45	Kodumudi	Konthalam (B)	Nallathambi	9943190710
46	Kodumudi	Konthalam (B)	Nivatha	9789175484
47	Kodumudi	Nanjai Kolanalli	Rajkumar	9566011179
48	Kodumudi	Nanjaikolanalli	Naveen Kumar	8344078779
49	Perundurai	Ingur	Baskar	9965065699
50	Perundurai	Ingur	Jagadeeswaran	9842330378

51	Perundurai	Ingur	Vijayakumar	9942895073
52	Perundurai	Ingur	Elango	9578059876
53	Perundurai	Kavundachipalayam	Ramesh	9842124501
54	Perundurai	Varapalayam	Periyasamy	9788654500
55	Perundurai	Thingalur	Arasamuthu	73737 91482
56	Perundurai	Thingalur	Edwin	85259 36127
57	Perundurai	Polanaickempalayam	Balasubramani	90804 63551
58	Perundurai	Polanaickempalayam	Gowthami	99528 74531
59	Perundurai	Sungakaranpalayam	Thangarasu	98435 36699
60	Perundurai	Sungakaranpalayam	Chinnasamy	94433 42106
61	Perundurai	Pappampalayam	Thangarasu	99655 26222
62	Perundurai	Pappampalayam	Ramesh	74022 07477
63	Perundurai	Vettaiyankinaru	Sivasangari	98652 57365
64	Perundurai	Vettaiyankinaru	Gandhi	99652 45695
65	Perundurai	Unjapalayam	Jeganathan	90661 14161
66	Perundurai	Kallakulam	Ranjithkumar	95852 27006
67	Perundurai	Kallakulam	Tamilarasan	99659 14046
68	Perundurai	Sellappampalayam	Mohanraj	99422 78000
69	Perundurai	Sellappampalayam	Dhamodaran	63809 18447
70	Perundurai	Singanallur A	Chandrasekaran	99525 36889
71	Perundurai	Thoronavavi	Andamuthu	83006 78896
72	Perundurai	Perundurai	Boopathiraj	9677847583
73	Perundurai	Perundurai	Sathishkumar	9443945231
74	Perundurai	Perundurai	Loganathan	9994165970
75	Perundurai	Perundurai	Karthick	9865055351

76	Perundurai	Perundurai	Thambidurai	7904965085
77	Perundurai	Perundurai	Govindaraj	8012737227
78	Bhavani	Bhavani B	Periyasamy	99650 64407
79	Bhavani	Bhavani B	Gowtham	94867 33153
80	Bhavani	Bhavani B	Prakash	95970 03791
81	Bhavani	Bhavani B	Selvam	97905 47816
82	Bhavani	Appakudal	Gopalan	93450 71617
83	Bhavani	Appakudal	A.N.Thangaraj	96487 76292
84	Bhavani	Appakudal	Kathiresan	80566 16587
85	Bhavani	Appakudal	Yuvaraja	97152 87002
86	Bhavani	Oricheri	S.Myilsamy	97515 00992
87	Bhavani	Oricheri	I.Balusamy	88329 5090
88	Bhavani	Varadhanallur	Gopal	97906 26093
89	Bhavani	Varadhanallur	Parameshwaran	98427 01599
90	Bhavani	Oratchikottai	Dhamodhran	99422 94385
91	Bhavani	Oratchikottai	Sathishkumar	79041 02520
92	Bhavani	Bhavani A	Irudhayasamy	63833 3900
93	Bhavani	Bhavani A	Rasu	99521 34428
94	Bhavani	Sanniyasipatti	Prakash	96889 65296
95	Bhavani	Sanniyasipatti	Rajendran	97156 76880
96	Bhavani	Sanniyasipatti	Ramesh	98944 12850
97	Bhavani	Sanniyasipatti	Marimuthu	97906 63432
98	Bhavani	Jambai A	Thangavel	98427 11311
99	Bhavani	Jambai A	Prabu	86100 944741
100	Bhavani	Perunthalaiyur	Ilango	9865405034

101	Bhavani	Perunthalaiyur	Madhu	7502709006
102	Bhavani	Perunthalaiyur	Arjunan	8012442315
103	Bhavani	Kesarimangalam	Nadesan	9842871250
104	Bhavani	Kesarimangalam	Shanmugam	9750391442
105	Bhavani	Kesarimangalam	Muthusamy	9715143789
106	Bhavani	Kesarimangalam	Saravanan	9965396402
107	Bhavani	Kesarimangalam	Chinnathambi	9047272932
108	Bhavani	Kadappanallur	Ganesan	9677681519
109	Bhavani	Kadappanallur	Supramani	8883370226
110	Bhavani	Kadappanallur	P.Krishnamoorthy	9543345651
111	Bhavani	Kadappanallur	Thirumurugan	954324739
112	Bhavani	Singampettai	Satheesh	9791820551
113	Bhavani	Singampettai	Srinivasan	9965470076
114	Bhavani	Singampettai	Karthi	7708543940
115	Bhavani	Padavalkalvai	Suresh	9788676869
116	Bhavani	Padavalkalvai	Arunakiri	9688232132
117	Bhavani	Padavalkalvai	Palanisamy	7010304567
118	Anthiyur	Nerinjipettai	Senthulkumr	98651 10905
119	Anthiyur	Nerinjipettai	Sagayam	98420 42346
120	Anthiyur	Nerinjipettai	Symon	70945 98579
121	Anthiyur	Nerinjipettai	Sagayaraj	98420 42346
122	Anthiyur	Nerinjipettai	Thomson Arokyaraj	99946 67929
123	Anthiyur	Nerinjipettai	Murugan	88831 12452
124	Anthiyur	Nerinjipettai	Somasundaram	98652 37922
125	Anthiyur	Ammapettai	Kavin	63749 39912

126	Anthiyur	Moongilpatti	Palanisamy	9788151301
127	Anthiyur	Keelvani	Prakash	8220151580
128	Anthiyur	Koothampoondi	Manibharathi	8870159968
129	Anthiyur	Athani	John	7305194818
130	Anthiyur	Vempathy A	Mayilsamy	9789625912
131	Anthiyur	Vempathy B	Gurumoorthy	9976391485
132	Anthiyur	Athani	Baskar	99760 97781
133	Anthiyur	Kuppandampalayam	Kannupayan	9698529268
134	Anthiyur	Poonachi	Vignesh	9629120808
135	Anthiyur	Poonachi	Sevakavunder	8838070806
136	Anthiyur	Ennamangalam	Krishnamoorthy	9788098624
137	Anthiyur	Ennamangalam	Palanisamy	9842899847
138	Gobichettipalayam	Thadapalli	Sakthivel	9442264512
139	Gobichettipalayam	Kasipalaam	Senthilkumar	8838125107
140	Gobichettipalayam	Kasipaayam	Thirumoorthy	9042469192
141	Gobichettipalayam	Kasipalayam	Sivakumar	9791220830
142	Gobichettipalayam	Kasipalayam	Gokulraj	9976975690
143	Gobichettipalayam	Modachur	Kodeeswaran	9894559376
144	Gobichettipalayam	Modachur	Nagaraj	9790645108
145	Gobichettipalayam	Singiripalayam	Kishorekumar	6381891357
146	Gobichettipalayam	Akkarai Kodiveri	Sakthivel	9442264512
147	Gobichettipalayam	Alukkuli B	Mohan	9791812675
148	Gobichettipalayam	Odayakavundan Palayam	Jambulingam	7695972491
149	Nambiyur	Aandipalayam	Ganesan	9965399594
150	Nambiyur	Aandipalayam	Masilamani	9994341102
151	Nambiyur	Kurumandur	Arunkumar	9942376656
152	Nambiyur	Koshanam	Sarathkumar	9500915466
153	Nambiyur	Anjanur	Sivakumar	7558143037

154	Nambiyur	Vemandampalayam	Prakash	9677583841
155	Nambiyur	Elathur B	Shanmugam	7708053963
156	Nambiyur	Kavilipalayam	Dineshkumar	8608538409
157	Nambiyur	Elathur	Yuvaraj	9629918813
158	Nambiyur	Elathur	Goetham	7010001321
159	Sathyamangalam	Arasur	Marrimuthu	9095503413
160	Sathyamangalam	Ariyappampalayam	Elangovan	9788051297
161	Sathyamangalam	Senbagapudur	Om Prakash	9942004049
162	Sathyamangalam	Panayampalli	Rajkumar	9865697273
163	Sathyamangalam	Panayampalli	Rajan	9842228038
164	Sathyamangalam	Sathyamangalam Group	Kuppusamy	9994597622
165	Sathyamangalam	Sathyamangalam Group	Selvan	9865063758
166	Sathyamangalam	Sathyamangalam Group	Marimuthy	9095503413
167	Sathyamangalam	Koonamolai	Sathiesh	9080206657
168	Sathyamangalam	Koonamolai	Selvan	9566651788
169	Sathyamangalam	Poosaripalayam	Prabhakaran	6384041845
170	Sathyamangalam	Poosaripalayam	Santhoshkumar	6381318773
171	Sathyamangalam	Akkaraitthappalli	Suresh	9751770283
172	Sathyamangalam	Akkaraitthappalli	Lakshmanan	8344903169
173	Sathyamangalam	Panayampalli	Sekar	7395855767
174	Sathyamangalam	Panayampalli	Kumar	8220289055
175	Sathyamangalam	Panayampalli	Selvan	7395855767
176	Sathyamangalam	Panayampalli	Palanisamy	9750769318
177	Sathyamangalam	Panayampalli	Chinnakannan	9942918650
178	Sathyamangalam	Thoppampalayam	Odhisamy	9976618247
179	Sathyamangalam	Dhoddampalayam	Asaithambi	7200370772
180	Sathyamangalam	Dhoddampalayam	Pattulingam	9790138840
181	Thalavadi	Thalavadi	Amalraj	9159091423

182	Thalavadi	Thalavadi	Chikkanna	9585308089
183	Thalavadi	Thalavadi	Mallu	9445187366
184	Thalavadi	Thalavadi	Lakshmanna	8098583402
185	Thalavadi	Thalavadi	Vishakantasamy	9786552655
186	Thalavadi	Thalavadi	Kavitha	9585198974
187	Thalavadi	Thalavadi	Rajamma	7094952742
188	Thalavadi	Chikkakajanur	Siddaraj	9787651003
189	Thalavadi	Chikkakajanur	Sivakumarasamy	6369166972
190	Thalavadi	Chikkakajanur	Sivamallu	6369166972
191	Thalavadi	Chikkakajanur	Basavanna	8072766933
192	Thalavadi	Chikkakajanur	Magadevasamy	9626669952

LIST OF PUBLIC VOLUNTEERS FOR TREE CUTTERS

Sl.No	Name of the Taluk	Name of the First Responders	Name of the Village	Telephone Number
1	Erode	Prem	Erode B Village	9597420604
2	Erode	Ramasamy	Thindal	9487639521
3	Erode	Selvam	Erode C Village	9578656919
4	Erode	Muthusamy	Periyasemur B Village	9843141997
5	Erode	Marimuthu	Vairapalayam	9842377278
6	Modakurichi	Veerasamy	Vairapalayam	8903133715
7	Modakurichi	Loganathan	Aval Poondurai (A)	9942760199
8	Modakurichi	Senthil Kumar	Aval Poondurai (C)	8741245783
9	Modakurichi	Sakthivel	Kulavilakku (B)	9025494684
10	Modakurichi	Yuvaraj	Nanjai Lakkapuram	9786358582
11	Modakurichi	Arichandiran	Pudur (A)	9865909080
12	Modakurichi	Arjunan	Pudur (A)	8526924240
13	Kodumudi	Periyasami	Vilakkethi	9443071482
14	Kodumudi	Dhuraiyan	Vadivullamangalam	9787033030

15	Kodumudi	Sivakumar	Vadivullamangalam	9655860420
16	Kodumudi	Kaja Maideen	Punjai Kolanalli	7339206564
17	Perundurai	Jana	Punjai Kolanalli	9942327206
18	Perundurai	Suresh	Vengamedu	9894921931
19	Perundurai	Vijaiyakumar	Vengamedu	9597294546
20	Perundurai	Karthikeyan	Vengamedu	9003833290
21	Perundurai	Govindaraj	Vengamedu	9344420490
22	Perundurai	Boopathi	Vengamedu	9566566667
23	Perundurai	Mathankumar	Perundurai	9965627777
24	Perundurai	Harikrishnan	Kommakalipalayam	633267122
25	Perundurai	Karthik	Karumandichellipalayam	9789313785
26	Perundurai	Praveen	Panickampalayam	9629541008
27	Perundurai	Muthuselvan	Panickampalayam	9095808707
28	Perundurai	Venkatesh	Kavundachipalayam	9715675063
29	Perundurai	Palraj	Thenmugam Vellode	9965323332
30	Perundurai	Muthusamy	Thenmugam Vellode	9095292415
31	Perundurai	Viswanathan	Thenmugam Vellode	9095335566
32	Perundurai	Gopinath	Ingur	9095794455
33	Perundurai	Govindhasamy	Ingur	9842328811
34	Perundurai	Chinnakkannan	Thingalur	99445 04041
35	Perundurai	Seerangan	Pappampalayam	95668 62732
36	Perundurai	Kumar	Pappampalayam	97915 72066
37	Perundurai	Chinnasamy	Unjapalayam	9688006235
38	Perundurai	Palanisamy	Kallakulam	9384706766
39	Perundurai	Mani	Singanallur A	9003303629
40	Perundurai	Loganathan	Thoronavavi	9942680347

41	Perundurai	Suresh	Vengamedu	9894921931
42	Perundurai	S.Vijayakumar	Vengamedu	9597294546
43	Perundurai	Karthikeyan	Vengamedu	9003833290
44	Perundurai	Govindaraj	Vengamedu	9344420490
45	Perundurai	Boopathi	Vengamedu	9566566667
46	Bhavani	Mathankumar	Perundurai	9956527777
47	Bhavani	Viswanathan	Bhavani B	99650 48460
48	Bhavani	Krishnan	Bhavani B	98427 17464
49	Bhavani	Sengottaiyan	Appakudal	74024 13953
50	Bhavani	Rajamani	Appakudal	88702 64932
51	Bhavani	Sengottaiyan	Appakudal	83448 37862
52	Bhavani	Sengottaiyan	Appakudal	75023 26884
53	Bhavani	Arumugam	Oricheri	95247 70456
54	Bhavani	Govindasamy	Oricheri	87606 16272
55	Bhavani	Moorthi	Oratchikottai	87783 12299
56	Bhavani	Naveen	Oratchikottai	93610 58649
57	Bhavani	Gurusamy	Jambai A	73731 87519
58	Bhavani	Mani	Jambai A	63805 82997
59	Bhavani	Muthu	Jambai A	95789 78137
60	Bhavani	Senthil	Singampettai	9865088480
61	Anthiyur	Perumal	Kadappanallur	8973841280
62	Anthiyur	Govindhan	Bargur	89037 82949
63	Anthiyur	Maadevan	Bargur	94869 65267
64	Anthiyur	Nagaraj	Moongilpatti	97156 76857
65	Anthiyur	Chinnaraasu	Keelvani	82701 20096
66	Anthiyur	Periyannan	Koothampoondi	9944729570

67	Anthiyur	Devaraj	Patlur	9865386055
68	Anthiyur	Gurusamy	Patlur	9750097109
69	Anthiyur	Duraiyan	Patlur	8344634927
70	Anthiyur	Ananth	Patlur	75988 30261
71	Anthiyur	Karuppuswamy	Athani	9047441808
72	Anthiyur	Seetharaman	Vempathy B	9944447509
73	Anthiyur	Murugan	Ammapettai	98428 05551
74	Anthiyur	Shanmugam	Kannapalli	88386 62066
75	Anthiyur	Muthu	Ilipili	99527 98114
76	Anthiyur	Appusamy	Chennampatti	90959 51538
77	Anthiyur	Chinnasamy	Poonachi	9659331526
78	Anthiyur	Duraisamy	Poonachi	8838070806
79	Anthiyur	Ganapathy	Ennamangalam	9842689999
80	Anthiyur	Arul	Ennamangalam	9344408000
81	Anthiyur	Velusamy	Sankarapalayam	8508750289
82	Gobichettipalayam	Pazhani	Sankarapalayam	9578708094
83	Gobichettipalayam	Yuvaraj	Modachur	8838188893
84	Gobichettipalayam	Mahesh	Kalingiyam	9524032991
85	Gobichettipalayam	Manikandan	Kalingiyam	7904870781
86	Gobichettipalayam	Deivasigamani	Kalingiyam	8754675292
87	Gobichettipalayam	Senthilvel	Singiri Palayam	9976722390
88	Gobichettipalayam	Eswaran	Thadapalli	9715163536
89	Gobichettipalayam	Ayyasamy	Alukkuli A	9095302863
90	Gobichettipalayam	Periyasamy	Alukkuli B	9442248269
91	Gobichettipalayam	Palanisamy	Odayakavundan Palayam	7200485176
92	Nambiyur	Muniyan	Kugalur A	-

93	Nambiyur	Vasu	Nambiyur	9940359796
94	Nambiyur	Eswaramoorthy	Nambiyur	8870373420
95	Nambiyur	Pattan	Nambiyur	9585872962
96	Nambiyur	Marappan	Nambiyur	9842167337
97	Nambiyur	Vishwanathan	Nambiyur	9677950271
98	Nambiyur	Suresh	Nambiyur	9500591953
99	Nambiyur	Chinnarasu	Nambiyur	9629224190
100	Sathyamangalam	Karthi	Nambiyur	8807753655
101	Sathyamangalam	Palanisamy	Maakanangombai	9442755057
102	Sathyamangalam	Sabarivasan	Ukkaram B	7639894166
103	Sathyamangalam	Sampathikumar	Ukkaram - A	7373121686
104	Sathyamangalam	Velliyagiri	Arriyappampalayam	9842533134
105	Sathyamangalam	Viswanathathan	Maakanangombai	7639590618
106	Sathyamangalam	Sumithra	Puthukalaiyanur	9566497960
107	Sathyamangalam	Rajenthiran	Puthukalaiyanur	9498828697
108	Sathyamangalam	Periyasamy	Ukkaram - B	9941272420
109	Sathyamangalam	Sathyapriya	Ukkaram - C	6383339696
110	Sathyamangalam	Karuppusamy	Mudukkanthurai	8270652567
111	Sathyamangalam	Kanagaraj	Panayampalli	8675466929
112	Sathyamangalam	Selvam	Panayampalli	7395855767
113	Sathyamangalam	Murugesan	Mudukkanthurai	8098698519
114	Sathyamangalam	V.Velusamy	Poosaripalayam	9698818711
115	Sathyamangalam	Uthaman	Poosaripalayam	9688162452
116	Sathyamangalam	Thangavel	Karidhoddampalayam	9342071155
117	Thalavadi	Rajesh	Karidhoddampalayam	9342071155
118	Thalavadi	Amalraj	Thalavadi	9159091423

119	Thalavadi	Chikkanna	Thalavadi	9585308089
120	Thalavadi	Mallu	Thalavadi	9445187366
121	Thalavadi	Lakshmana	Thalavadi	8098583402
122	Thalavadi	Vishakantasamy	Thalavadi	9786552655
123	Thalavadi	Kavitha	Thalavadi	9585198974
124	Thalavadi	Rajamma	Thalavadi	7094952742
125	Thalavadi	Siddaraj	Chikkakajanur	9787651003
126	Thalavadi	Sivakumarasamy	Chikkakajanur	6369166972
127	Thalavadi	Sivamallu	Chikkakajanur	6369166972
128	Thalavadi	Basavanna	Chikkakajanur	8072766933
129	Thalavadi	Magadevasamy	Chikkakajanur	9626669952

LIST OF NSS / NCC VOLUNTEERS LIST

Sl.No	Name of the Taluk	Name Of The NSS / NCC Volunteers	NSS / NCC Volunteers	Telephone Number
1	Bhavani	Anish M	NSS	6379275055
2	Bhavani	Bharath A	NSS	8883933197
3	Bhavani	Dharun Kumar S	NSS	8870194889
4	Bhavani	Guhan K	NSS	7548879428
5	Bhavani	Hariharan G	NSS	9487001894
6	Bhavani	Jannathul Firthose A	NSS	8608882174
7	Bhavani	Jayaselvam K	NSS	6379722698
8	Bhavani	Jeyasurya T	NSS	9025596518
9	Perundurai	K.Arunkrishna	NSS	6382474980
10	Perundurai	S.Sunjaiy	NSS	8807095822
11	Perundurai	Deepan.M	NSS	9791696474
12	Perundurai	M.R.Utthaman	NSS	8438364614

13	Perundurai	Kavipranesh.R	NSS	9597922599
14	Perundurai	Dharanidharan.M	NSS	9087843031
15	Perundurai	Vignesh P	NSS	7094012096
16	Perundurai	Kanesh.B	NSS	8072590903
17	Nambiyur	Asvika E	NSS	8973565144
18	Nambiyur	Deepika M	NSS	9524058376
19	Nambiyur	Elakia M M	NSS	6381505225
20	Nambiyur	Govarthini S	NSS	9659325577
21	Nambiyur	Madhuvarsha S	NSS	6383472353
22	Nambiyur	Naveena S P	NSS	9952699329
23	Nambiyur	Prathiksha S	NSS	8526612244
24	Nambiyur	Surekha S	NSS	9123500565
25	Anthiyur	Elangovan M	NSS	6374876171
26	Anthiyur	Siranjivee s	NSS	9715250227
27	Anthiyur	Aagash K L	NSS	9486462696
28	Erode	Vishnu.B	NSS	6383433291
29	Erode	Israyash	NSS	8681944343
30	Erode	Madhan.V	NSS	7373021317
31	Erode	Dileep S	NCC	8056353011
32	Erode	Gogul R	NCC	9942621715
33	Erode	Kamalarasan A	NCC	8144816373
34	Erode	Karthi Kumar P	NCC	7010519490
35	Erode	Logesh S	NCC	9342916943
36	Erode	Vikram S	NCC	9597159404
37	Erode	Mohanraj M	NCC	6384783399
38	Erode	Muthu Krishnan A	NCC	6382676120

39	Erode	Perumal S	NCC	6381592032
40	Erode	Prabu J	NCC	9344791603
41	Erode	Sanjai G	NCC	9025942988
42	Erode	Sri Dharan G	NCC	9087828379
43	Erode	Vivekanandhan G	NCC	8870489427
44	Erode	Arunkumar	NCC	8618778337
45	Erode	Karthick P	NCC	9345012638
46	Erode	Manojkumar S	NCC	8838592924
47	Erode	Nishanth V	NCC	9342633785
48	Erode	Sellakkannan J	NCC	9487934956
49	Erode	Boopathi D	NCC	97502217079
50	Erode	Elangovan G	NCC	9095634029

ANNEXURE-9

LIST OF SAND LIST AND AVAILABILITES OF CHLORINE POWDER AND BLEACH POWDER DETAILS

LIST OF SAND LIST

Erode District Disaster Management Plan - 2024

S.No	Name of the Department	Name of the Taluk	Name of the location	Empty Cement Bags (Nos.)	Sand Bags (Nos.)	Sand Cubic metre	Casurina poles metre (RM)
1	WRO Erode	Sathyamangalam	Sathyamangalam	1000	250	11.32	228
2		Nambiyur	Kurumanthur	100	100	5.66	20
3		Gobichettipalayam	Gobichettipalayam Irrigation Section No.2	100	200	8.49	40
4		Gobichettipalayam	Gobichettipalayam Irrigation Section No.1	1000	700	11.32	65
5		Gobichettipalayam	Vellankoil	500	300	5.66	108
6		Bhavani	Kavundapadi	300	300	2.83	54
7		Perundurai	Nallampatty	400	200	2.83	54
8		Bhavani	Kalingarayan Anicut	400	200	8.50	30
9		Perundurai	Olappalayam	200	200	8.50	30
10		Perundurai	Vaikkalmedu	200	200	11.30	30
11		Erode	Kasipalayam	100	100	5.65	30
12		Perundurai	Pungampadi	700	500	10.00	75
13		Modakkurichi	Modakkurichi	400	330	7.00	35
14		Kodumudi	Sivagiri	350	320	5.50	35
15		Modakkurichi	Arachalur	550	350	7.50	55
16		Perundurai	Noyyal Orathupalayam Dam	800	400	14.00	100
17	WRO Bhavanisagar	Sathy	Godown at downstream of dam LS 4600M (Palathottam gate)	150	80	10	170
18		Sathy	Gantry House at top of dam	220	100	10	180
19		Sathy	LBP Workshop at downstream of dam	120	70	10	80
20		Bhavani	Bhavani sub division office	400	300	10	180
21		Sathy	Perumpallam Reservoir	300	248	9	30
22		Gobi	Arakkankottai Channel & Gunderipallam Reservoir	400	501	18	60
23		Gobichettipalayam	Kodiveri Anicut	500	250	8.5	20
24		Anthiyur	Varattupallam Reservoir	550	300	20	300
25	Highways Erode	Bhavani	TB Bhavani	300	200	11.32	500
26		Anthiyur	TB Anthiyur	200	100	5.66	300

27		Modakkurichi	Erode (H) C&M Section II office Pondurai road	50	50	5	100
28		Erode	Erode (H) C&M Section office, Meenakshi Sundaranar salai, Erode RTO office compound	50	50	5	100
29		Perundurai	Perundurai	100	200	7	50
30		Kodumudi	Kodumudi	1000	200	8	100
31	Highways Gobi	Gobichetti palayam	Gobichettipalayam, Inspection Bungalow Campus	250	100	6.00	125
32		Bhavani	Kavandapadi Highways Section office	200	100	5.00	125
33		Nambiyur	Nambiyur	400	150	8.50	125
34		Sathya mangalam	Sathyamangalam	400	150	8.50	125
35		Thalavady	Highways Travellers Bungalow Compound, Dhimbam	300	100	2.50	100
Total				12990	7899	294.04	3759

AVALIABILITES OF CHLORINE POWDER AND BLEACH POWDER DETAILS

S.No	Name of the Department	No of Stocks Available (Chlorine Powder (kg) / Liquid)			No of Stocks Available (Bleach Powder (kg) / Liquid)	
		Chlorine Powder (kg)	Liquid (ltr)	Liquid Chlorine Gas for Water Supply (kg)	Bleach Powder (kg)	Liquid
1	Ad Panchayath,Erode	20929	0	0	18107	0
2	Ad Town Panchayath	23780	3010	0	33600	0
3	Erode Corporation	0	0	11500	2100	15.75 MT
4	Bhavani Municipality	0	0	1590	2500	0
5	Gobichettipalayam Municipality	0	0	2000	2500	0
6	Sathyamangalam Municipality	0	0	1650	9000	0
7	Punjai Puliampatti Municipality	0	0	900	500	0
8	Jd Health,Erode	199	200	0	380	0
9	DD Health, Erode	125	0	0	3267	0

Total	45033	3210	17640	71954	15.75 MT
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TNSMART - Inventory abstract

All the Inventories details updated in TNSMART website and separate in the Volume

S.No	Inventory abstract	Nos.
1	Gas cutters	4
2	Electric Drill	2
3	Power saw	136
4	Hydraulic Spreaders	0
5	Search light	139
6	Electric generator	9
7	Truck with aerial lift	1
8	Bulldozers	12
9	Lorry (Heavy load)	207
10	JCB	415
11	Cranes	1
12	Tipper lorry (Light load)	161
13	Recovery van	40
14	Lifebuoy	173
15	Life jackets	332
16	Inflatable boat (12 persons)	11
17	Fiber boat (12 persons)	0
18	Motor boats	5
19	Country boats	31
20	Tarpaulin	9
21	Ambulance with Oxygen support	75
Total		1763

ANNEXURE-10

LIST OF EMERGENCY SUPPLIES NEEDED ALONG WITH CONTACTS FOR EMERGENCY SUPPLIERS

List of blood banks, etc.,

Sri Ram Blood Bank

Address: No. 29 N.S. Complex Near Hospital Road Gobichettipalayam

City: Erode

District: Erode

Contact: 04285 222596

Lotus Blood Bank

Address: (Lotus Apollo Hospital) Poonthurai Main Road

City: Erode

District: Erode

Pincode: 2

Contact: 04242282828

Sri Saanthi Blood(Run By Kaveri Trust)

Address: 6-9, Kandappa Lane, Brough Road

City: Erode

District: Erode

Pincode: 638001

Contact: 04242254266, 04242264266

Lions Club Of Erode Supreme Charitable Trust Blood Bank

Address: No. 24 S.K.C Road, 2nd Street

City: Erode

District: Erode

Pincode: 638001

Contact: 0424 2257744

Idayam Hospitals Erode Ltd

Address: No. 15, Palaniappa Street

City: Erode

District: Erode

Pincode: 638009

Contact: 04242256456

Dhanvantri Charitable Trust Blood Bank

Address: No.1. Old Post Office Road, Sathyamangalam

City: Erode

District: Erode

Contact: 04295 2233322

ANNEXURE-11

DIRECTORY OF DEPARTMENTAL FOCAL POINTS FOR EMERGENCY RESPONSE

Sl. No.	Desingation with contact Nos.	Entrustment	
01.	Executive Engineer PWD (LBP) Erode	1.	Arrangement for patrolling river banks, tank bunds and anaicuts.
		2.	Guarding all vulnerable points and strengthening weak points in river banks, channels and tanks against breaches.
		3.	Arrangement to mobilise men and materials to close the breaches as and when they occur.
		4.	Regulate the flow in the river and flood carriers in the District.
		5.	Maintenance of Log Book to keep data about rise of fall of flood waters at regular intervals of the rivers which are likely to go into spates.
2.	Executive Engineer PWD (Building) Erode		Arrangements to carry out the repairs of Government buildings maintained by P.W.D.
3.	Executive Engineer (LBP) PWD, Erode Division		Arrangements to collect empty gunny bags, casuarinas and bamboo poles in important places in each section of P.W.D.
4.	Executive Engineer, PWD Bhavani Sagar Division	1.	Arrangements to keep close watch over power supply sub stations lines and other vital installation etc.
		2.	Arrangements to keep alert the operation and maintenance staff to carry out repairs and to restore supply as and when it gets disrupted.
		3.	Fool proof arrangements against power leakage.
6.	District Engineer Tele communications, Erode	1.	Prompt restoration of land lines etc.,
		2.	Arrangements for functioning the telex, fax exchange round the clock.
7.	Divisional Engineer (Highways and Rural works) (H & R.R.) Erode	1.	Arrangements to complete the pending works in carrying out the repairs to bridges and roads particularly in low lying areas and affected during the previous occasions.
		2.	Carrying out of repairs to Government buildings incharge of the Highways and Rural works Department
		3.	Enlisting of sawmen to clear out the traffic blocks and to mobilise them to the spot at necessity arises.
		4.	Arrangements to keep gunny bags casurina and bamboo poles at vulnerable points so that they can be used at times of need.
		5.	Strengthening the roads against over washes and providing drainage facilities

			against breaches.
B. ADMINISTRATIVE OFFICERS			
08.	Revenue Divisional Officers	1.	Conducting Meeting at Divisional level emergency relief Committee in regular intervals.
		2.	Appointing Zonal Officers for relief operations.
		<i>Note</i> :More Number of Zonal Officers may be appointed in vulnerable and vantage areas and also in accordance with the distance and population.	
		3.	Inspecting the shelter homes to make them ready to be occupied at any time in case of emergency.
		<i>Note</i> :Stage of the shelter homes be reported to the PWD Buildings Division, Erode for carrying out repairs and maintenance.	
		4.	Ensuring of easy catering arrangements at a short notice and also to enlist the co-operation of voluntary organisations for feeding and other relief operations.
		<i>Note</i> :Voluntary organisations may be enlisted for preparation of food and supply.	
		5.	Arrangements to establish control room in Divisional Offices which would work round the clock for disseminating message to subordinate officers and other department officers. Also one Junior assistant should be sent to Police Station to receive the message and furnish particulars.
09.	Assistant Director (Panchayat) Erode	1.	Carrying out repairs to the development wing so that they may be used at short notice for feeding centres, shelter homes, etc., and to leave the premises under the control of the Zonal Officer.
10.	Assistant Director (Town Panchayat) Erode	1.	Appointing Officer for evacuation of victims among the Rural Welfare Officers, Extension Officers and E.O. / Town Panchayat
		2.	To repair the roads, tanks and ponds under the maintenance of Development wing and to gear up the machinery to attend to breaches, if any caused in them immediately.
		3.	Arrangements in clearing of dust bins, drain-drenches in villages and town panchayats and keeping the rain water drained quickly.

C. SECURITY OFFICERS:			
11.	Superintendent of Police Erode	1.	Formation of Rescue teams and impart training to them
		2.	Furnishing the list of Police Stations with VHF and the names of the villages covered in the Police Station Limit to the Divisional Officer (Revenue and Panchyat Development) and to the Collectorate, Extending the VHF service round the clock with men for operation
			<i>Note:</i> Men from local stations deputed to Revenue Officers, were less useful as observed during the past. Men from A.R. or Grade I Constables may be deputed. The women P.Cs may be deputed during day time if men in short.
		3.	Evacuation of people lying in low lying area and helping the Revenue Administration in this task.
			<i>Note:</i>
			Transportation should be arranged only by the Divisional Officer.
		4.	Keeping Law and Order under control during the time of Natural calamities.

D. RESCUE OFFICERS :

Sl. No.	Desingation	Entrustment	
12.	District Fire Officer, Erode	1.	To keep the vehicle and other fire, fighting equipments in good condition and making available the required number of man to commence rescue operations.
		2.	To be acquainted with the routes shortest to go to the spot in consultation with the Divisional Officers, if the necessary arises
		3.	Furnishing the list of stations functioning each Revenue Division to the Revenue Divisional Officers making copies to District Collector.
13.	Officers Commanding NCC NCC Group Headquarters	1.	To keep ready a list of men power and materials available with Group Headquarters and also with Local NCC unit, Erode. To keep ready trained Home Guard for rescue operations.
14.	Area Commander Home Guards		

E. TRANSPORT OFFICER :			
15.	General Manager Tamil Nadu State Transport Corporation Ltd., Erode	1.	Arrangements to keep all the vehicles, roads – worthy.
		2.	Arrangements to keep the fueling and refueling points stocked with the required quantities.
F. ENVIRONMENTAL OFFICERS :			
16.	Joint Director of Medical Services Erode	1.	Arrangements to provide immediate medical relief and primary health measures at a short notice.
		2.	Arrangements to keep sufficient stock of antibilation etc., and staff to deal with the emergency situations at short notice.
		3.	Arrangements to keep sanction and constructing of temporary public conveniences (not clearable types)
		4.	Arrangements including storing of medicines and materials of mass immunisation against endemic and epidemic and for chlorinating drinking water sources etc.
17.	Municipal Commissioners	1.	Arrangements to store sufficient stock of medicines with the Municipal Health Officers for large scale immunisation against endemic and epidemic in case any out break.
		2.	Arrangements to supply protected drinking water chlorinating water sources. Also to supply through lorries.
		3.	Arrangements to keep sanitation in good condition and arrangements for draining the rain water quickly by slit clearance in the drains.
		4.	Arrangements to keep the Municipal Buildings, school buildings under the control of Zonal Officers besides keeping the roads under Municipal maintenance in good condition.
18.	Superintending Engineer TWAD Board Erode-3	1.	Arrangements for immediate restoration of drinking water facilities throughout the District if they are disrupted.
		2.	Arrangements to erect bore in case of emergency where normal natural sources of drinking water fails.
		3.	Arrangements to erect bore well near the shelter homes.
		4.	Arrangements to complete the works before October and to hand it over to the Panchayat Union concerned for operation and maintenance.
		5.	Contingent plant has to be drawn for the requirement water tanks and

			(lorries) tankers.
G. MEDICAL OFFICERS			
19.	Deputy Director of Health Services, Erode	1.	Arrangements to ensure sufficient stock of life saving medicines, enough accommodation to facilitate more admissions in beds and for speedy O.P. treatment.
		2.	To arrange for team of Doctors to move to a particular area either from the nearest hospital or from Erode in case any necessity arises.

H. OPERATIONAL OFFICERS:

Sl. No.	Desingation	Entrustment	
20.	District Supply Officer, Erode	1.	To Co-ordinate with TNCSC and Joint Registrar of Civil Supplies for the arrangements. He has to draw a contingent plan in storing and moving the commodities and entrust the work be supervised by the Special Tahsildars (C.S.) / Taluk Supply Officers at the Zonal level.
2.1	Regional Manager T.N.C.S.C. Ltd., Erode	2.	Arrangements to keep the minimum required stock of Kerosene, rice candles, matches and other essential commodities required from distribution apart from normal distribution of public consumption on the prescribed seals to meet atleast 15 days demand.
22.	Joint Registrar of Co-op Societies, Erode		Arrangements to move essential commodities from the lead societies to V.C.A.Cs in remote places. Zone plan has to be drawn and incorporated.
23.	District Forest Officer (Territorial) Erode, Sathy	1.	Arrangements to supply easurina stick for closing the breaches.
		2.	Arrangements to supply dry fuel to the shelter homes.
		3.	To Co-ordinate with P.W.D. and R.D.O.s.,
24.	Joint Director of Animal Husbandry, Erode	1.	Arrangements to keep the Veterinary dispensaries equipped with essential medicines to take care of the cattle during the affected period and after the hit by any natural calamities. Also storing of straw in convenient Farms.

ANNEXURE - 12

LIST OF RADIO AND TV STATIONS CONTACTS

S.No	Name	Designation	Name of the TV Station	Contact number
1	Mr.P.C.Moorthy	Reporter	All India Doordharsan	0424 2430448 98429 51010
2	Mr.Magpul Ahamad	Reporter	Thanthi TV	98657 20662/ 90428 12000
3	Tmt.Selvi Rathnakumar	Reporter	Jaya TV	99449 88635
4	Mr.Mohamad Yasiyan	Videographer	Jaya TV	98653 50754
5	Mr.S.Muthusamy	Videographer	Jaya TV	98650 99870
6	Mr.K.Dharmarajan	Reporter	Jaya Plus TV	98427 81353
7	Mr.rp.Sampath	Videographer	Jaya Plus TV	98420 22227
8	Mr.V.S.Ramesh	Reporter	Sun TV	88258 14849 / 98428 70030
9	Mr.Sridhar	Videographer	Sun TV	93620 09522
10	Mr.R.K.Kumar	Reporter	Raj TV	94433 43354 / 98429 65556
11	Mr.V.S.Shanmugam	Videographer	Raj News TV	98650 44455
12	Mr.Palanisamy	Reporter	Kalaingar TV	94433 86172
13	Mr.Jagadeeshkumar	Videographer	Kalaingar TV	98659 60001
14	Mr.K.Ilango	Reporter	Mega TV/ Lotus TV	98427 33543 / 94430 33543
15	--	Reporter	News 7 TV	
16	Mr.U. Pachaiyappan	Reporter	Vasanth TV	94880 66775
17	Mr.Denial Ramesh	Reporter	Makkal TV	97909 40416 / 98652 22165
18	Mr.V.John Michel	Reporter	Puthiya Thalaimurai TV	87544 26074 / 98427 03423
19	Mr.Sadhasivam	Videographer	Puthiya Thalaimurai TV	98428 03164
20	Mr.S.Mariyappan	Reporter	Polimar TV	94430 22100
21	Mr.M.Rajendran	Reporter	Venther TV	90430 50100
22	Mr.Dhanapal	Reporter	Captain TV	98420 18881
23	Mr.M. Loganathan	Reporter	Imayam TV	97502 66677
24	Mr.Senthilkumar	Videographer	Imayam TV	98424 03151
25	Mr.M.Venugopal	Reporter	Vin TV	98654 48100
26	Mr.Velusamy	Reporter	Sathyam TV	98422 15535
27	Mr.Gopi	Videographer	Malai Murasu TV	88075 42411
28	Mr.Mahesh	Reporter	S TV	98420 98888
29	Mr.Senthil Murugan	Reporter	Tamilan TV	9842333581
30	Mr.Babu	Reporter	Kauvery TV	98942 25023
31	Tmt.Gowri	Reporter	News 18 TV	96597 62669

**ANNEXURE-13
DISTRIBUTION LIST**

Sl. No.	Name and Designation
1.	The Principal Secretary / Commissioner of Revenue Administration, Disaster Management and Mitigation Department, Chepauk, Chennai-5.
2.	The Director, Tamilnadu State Disaster Management Agency, Ezhilagam Annex, Chepauk, Chennai-5
3.	The District Collector, Erode.
4.	The District Revenue Officer, Erode.
5.	The Personal Assistant (General) to Collector, Erode.
6.	The Superintendent of Police
7.	The Commanding Officer, 44 FD REGT Army Camp, Madukarai, Coimbatore-641105
7.	The Deputy Superintendent of Police, Erode Town
8.	The Deputy Superintendent of Police, Perundurai
9.	The Deputy Superintendent of Police, Bhavani
10.	The Deputy Superintendent of Police, Gobi
11.	The Deputy Superintendent of Police, Sathy
12.	The Deputy Superintendent of Police, Traffic, Erode
13.	The Deputy Superintendent of Police, Armed Reserve, Erode
14.	The Divisional Fire and Rescue Officer, ERode.
15.	The Revenue Divisional Officer, Erode
16.	The Sub Collector, Gobichettipalayam
17.	The Tahsildar, Erode.
18.	The Tahsildar, Modakkuruchi
19.	The Tahsildar, Kodumudi
20.	The Tahsildar, Perundurai
21.	The Tahsildar, Bhavani
22.	The Tahsildar, Anthiyur
23.	The Tahsildar, Gobichettipalayam
24.	The Tahsildar, Sathyamangalam
25.	The Tahsildar, Thalavady
26.	The Tahsildar, Nambiyur

27.	The Project Director, DRDA, Erode.
28.	The Assistant Director (Panchayats), Erode.
29.	The Assistant Director (Town Panchayats), Erode
30.	The Commissioner, Municipality, Bhavani
31.	The Commissioner, Municipality, Gobichettipalayam
32.	The Commissioner, Municipality, Sathyamangalam
33.	The Commissioner, Municipality, Punjai Puliampatti
34.	The Block Development Officer, Panchayat Union, Erode.
35.	The Block Development Officer, Panchayat Union, Modakkuruchi
36.	The Block Development Officer, Panchayat Union, Kodumudi
37.	The Block Development Officer, Panchayat Union, Perundurai
38.	The Block Development Officer, Panchayat Union, Chennimalai
39.	The Block Development Officer, Panchayat Union, Bhavani
40.	The Block Development Officer, Panchayat Union, Ammapettai
41.	The Block Development Officer, Panchayat Union, Anthiyur
42.	The Block Development Officer, Panchayat Union, Gobichettipalayam
43.	The Block Development Officer, Panchayat Union, Nambiyur
44.	The Block Development Officer, Panchayat Union, T.N. Palayam
45.	The Block Development Officer, Panchayat Union, Sathyamangalam
46.	The Block Development Officer, Panchayat Union, Bhavanisagar
47.	The Block Development Officer, Panchayat Union, Thalavady
48.	The Executive Engineer, PWD, WRO, LBP Basin Division, Erode.
49.	The Executive Engineer, PWD, WRO, Bhavanisagar
50.	The Divisional Engineer, Highways, Erode.
51.	The Divisional Engineer, Highways, Gobi
52.	The Chief Engineer, TANGEDCO, Erode.
53.	The Joint Director of Health Services, Erode.
54.	The Deputy Director of Health Services, Erode.
55.	The Joint Director of Agriculture, Erode.
56.	The Executive Engineer, Agriculture Engineering Department, Erode.
57.	The Joint Director of Animal Husbandry, Erode.
58.	The Assistant Director of Fisheries, Erode.

ANNEXURE - 14

CONTACT DIRECTORY (NODAL OFFICERS IN ALL DEPARTMENTS, NGOS, SUPPLIERS ETC.,)

TALUK	VILLAGE	ZONAL OFFICER	RESCUE TEAM
ERODE TALUK	Elavamalai	Assistant Engineer (H & RW) Erode	Revenue Inspector, Erode North
			Extension Officer (Pt) Panchayat Union, Erode
			Village Administrative Officer Village Assistants & Police Officers
	Kodumudi	Asst. Exe.Engineer PWD, Erode	Revenue Inspector, Kodumudi
			Extension Officer (Pt) Panchayat Union, Kodumudi
			Rural Welfare Officer (G.S.) Kodumudi
	B.P.Agraharam	Union Engineer Panchayat Union, Erode	Executive Officer Town Panchayat, B.P.Agraharam
			Village Administrative Officer Village Assistants & Police Officers
	Vairapalayam	Agriculture Officer Depot, Erode	Extension Officer (A.D), Erode
			Village Administrative Officer Village Assistants & Police Officers
	Nanjai Kolanalli	Junior Engineer PWD, Erode	Deputy Agrl. Officer (Depot) Kodumudi
			Rural Welfare Officer, Unjalur
			Village Administrative Officer Village Assistants & Police Officers
	Valliam palayam	Union Engineer Kodumudi	Executive Officer (A.D.) Kodumudi
			Rural Welfare Officer Kodumudi
			Village Administrative Officer Village Assistants & Police Officers
Unjalur	Extension Officer (Pt) Panchayat Union Kodumudi	Union Oversear	
		Rural Welfare Officer, Kodumudi	
		Village Administrative Officer Village Assistants & Police Officers	
Kasipalayam H/O.Vengambur	ExtensionOfficer (AHA) Panchayat Union Kodumudi	Extension Officer (Co-op) Pt. Union, Kodumudi	
		Rural Welfare Officer Kodumudi	
		Village Administrative Officer Village Assistants & Police Officers	

TALUK	VILLAGE	ZONAL OFFICER	RESCUE TEAM
GOBICHETTIPALAYAM TALUK	Kugalur	Tahsildar, Gobi	Asst.Exe.Engineer,PWD, Gobi
			Asst.Divl.Engineer, (H & RW), Gobi
			D.S.P., Gobi
			Medical Officer, Primary Health Centre, Kugalur
			Dy.Reg.of co-op SocietiesGobi
	Vaniputhur	Divisional Excise Officer, Gobi	Asst.Exe.Engineer, PWD, Gobi
			Asst. Engineer (O & M) TNEB, Gobi
			Union Engineer, Pt. Union T.N.Palayam
			Inspector of Police, Gobi
			Medical Officer, PHC, T.N.Palayam
SATHYAMANGALAM TALUK	Sathy	Tahsildar, Sathy	Asst. Exe.Engineer,PWD,Sathy
			Asst. Divl. Engineer (H & RW) Sathy
			Divisional Engineer TNEB, Sathy
			Sub Inspector of Police Puliampatti
			Medical Officer, Govt. Hospital, Sathy
			Spl.Officer, Coop Marketing Society, Sathy
			A.Q.I.T.C.S.C. Ltd., Sathy
	Puliampatti	Commissioner, Panchayat Union Bhavanisagar	Exe. Engineer (PWD) Bhavanisagar
			Sub Inspector of Police Bhavanisagar
			Medical Officer Govt. Hospital, B. Sagar
			Exe. Officer Town Panchayat, B.Sagar
			Union Engineer, Panchayat Union, B. Sagar
			Asst. Engineer (O & M), Sathy
			Extn. Officer (Co-op), Bhavanisagar
	Arasur	Commissioner Panchayat Union Sathyamangalam	Sub Inspector of Police, Sathy
S.D.O. PWD Canals, Sathy			
Medical Officer, PHC, Ukkaram			
Extn. officer, Town Panchayat Ariyappampalayam			
Union Engineer, Pt.Union, Sathy			
Asst. Engineer, TNEB Power House, Senbagapudur			

TALUK	VILLAGE	ZONAL OFFICER	RESCUE TEAM	
BHAVANI TALUK	Bhavani	Tahsildar, Bhavani	Asst.Engr. PWD, Bhavani	
			Asst.Engr, (H&RW) Bhavani	
			Junior Engineer, TNEB, Bhavani	
			Sub Inspector of Police,Bhavani	
			Medical Officer, Govt.Hospitalb Bhavani	
			Extn.Officer (Coop) Panchayat Union, Bhavani	
			A.Q.I. TNCSC, Bhavani	
	Athani	Commissioner Panchayat Union, Anthiyur	Asst.Engineer (PWD) Anthiyur Sec. Bhavani	
			Union Engineer, Panchayat Union, Anthiyur	
			Junior Engineer (TNEB), Athani	
			Sub Inspector of Police Anthiyur	
			Medical Officer, PHC, Athani	
		Kavundapadi	Tahsildar (SSS) Bhavani	Asst.Engineer, PWD Bhavani Section, Bhavani
				Union Engineer, Panchayat Union, Bhavani
Junior Engineer (TNEB) Kavundapadi				
Medical Officer, PHC, Kavundapadi				
Extn.Officer (ADW) Panchayat Union, Bhavani				
Ammapet		Commissioner Panchayat Union, Ammapet	Assistant Engineer (PWD) Ammapet Section, Bhavani	
			Union Engineer (TNEB) Ammapet	
			Medical Officer, Govt. Hospital, Ammapet	
			Junior Engineer TNEB, Ammapet	
			Sub Inspector of Police Ammapet	
			Extn,. Officer (Coop) Panchayat Union, Ammapet	
			Kurichi	Commissioner Panchayat Union, Bhavani
Union Oversear Panchayat Union, Ammapet				
Line Inspector TNEB, Ammapet				
Head Constable Ammapet Police Station				
Medical Officer, PHC, Guruvareddiyur				
Secretary L.D. Bank, Bhavani				

LOCATION OF CONTROL ROOM AND ITS CONTACT NUMBER

Collector's Officer, Perundurai Road, Erode – 638 011

TOLL FREE No. 1077

LANDLINE No. : 0424-2260211

PA (GENERAL) : 0424-2260999

FAX No. : 0424-2240040

NAME AND DESIGNATION OF THE OFFICERS TO BE CONTACTED IN CASE OF EMERGENCY, THEIR OFFICE AND RESIDENTIAL ADDRESS WITH PHONE AND MOBILE NUMBERS

REVENUE DEPARTMENT

DESIGNATION	PHONE NUMBERS			
	Cell	Office		Residence
District Collector, Erode	9444167000	0424	2266700	2262555 2262444
District Revenue Officer, Erode	9445000913	0424	2266333	2267333
Superintendent of Police	9498111113	0424	2260100	
Personal Assistant (General) to Collector, Erode	94450 08137	0424	2260999	2430215
Sub Collector, Gobi	94450 00441	04285	222038	
Revenue Divisional Officer, Erode.	9445000439	0424	2252928	
District Supply Officer, Erode	94450 00237	0424	2260207 to 2260211	Direct No 2252052
Assistant Commissioner (Excise) Erode	9445074580	0424	2260073	
District Backward Class Welfare Officer, Erode	9445477855	0424	2260255	
District Adi Dravidar Welfare Officer, Erode	7338801258	0424	2260455	
Special Deputy Collector (SSS)	9445461736	0424	2266855	
Huzur Sarishtadar (General)	9943184999	0424	2260207 to 2260211	
Personal Assistant (P.D.) Erode	74026 07079	0424	2266766	
Project Officer, District Rural Development Agency, Erode	7373704211	0424	2268444 2260555 2260444	

Assistant Director, Town Panchayat, Erode	8925809217	0424	2265492	
Public Relation Officer, Erode	9498042428	0424	2266266	2430253
District Social Welfare Officer, Erode	9842888813	0424	2261405	
Assistant Director (Ex. Serviceman) Erode	9489914751	0424	2263227	
Assistant Director (Statistics) Erode	9445458075	0424	2265547	
National Informatics Centre, Erode	9442681509	0424	2268055	0488 - 243622
Assistant Director (Panchayat) Erode	7402607082	0424	2260087	
Regional Manager (TNCSC) Erode	9443101616	0424	2410053	
Tahsildar, Erode	94450 00563	0424	2254224	
Tahsildar, Perundurai	94450 00564	04294	220577	
Tahsildar, Gobi	94450 00568	04285	222043	
Tahsildar, Sathy	94450 00569	04295	220383	
Tahsildar, Bhavani	94450 00567	04256	230334	
Tahsildar, Anthiyur	9445461899	04256	260100	
Tahsildar, Modakurichi	9865433933	0424	2500123	
Tahsildar, Kodumudi	9444523507	04204	222799	
Tahsildar, Thalavadi	9715877853	04295	245388	
Tahsildar, Nambiyur	9486519357	04285	2670431	



Erode District Disaster Related Information

0424-2260211

District Control Room

1077

Toll Free Number