

GOI- UNDP CLIMATE RISK MANAGEMENT PROJECT, Thiruvananthapuram

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Thiruvananthapuram*

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Management Project, Thiruvananthapuram City*

# Training Report

## Basic & Intermediate Course on Incident Response System (IRS)

Fortune Hotel The South Park, Thiruvananthapuram,  
May 26th to 30th, 2014

### Trainers:-

- *Col. Vishwas Nahar Supanekar- Professor & Director, YASADA, Administrative Training Institute, Puna, Maharashtra*
- *Mr. Debaprasad Misra- Joint Director of Training, Assam Administrative Staff College, Guwahati, Assam*



# Participants

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# PROGRAMME SCHEDULE (INAUGURAL SESSION)

<i>Time</i>	<i>Session</i>	<i>Facilitator / Key speaker</i>
09.00 to 09.30	Registration	UNDP / SEOC
09.30 to 09.40	Welcome	Shri. G Padmakumar, Additional Secretary, Tvm Municipal Corporation
09.40 to 09.50	Self introduction	Participants
09.50 to 10.00	IRS Course Introduction	Resource Person / UNDP
10.00 to 10.15	Inaugural address	Adv. K. Chandrika, Honourable Mayor, Thiruvananthapuram Municipal Corporation
10.15 to 10.30	Keynote address	1) Shri. Venkatesapathy. S (IAS), Secretary, Thiruvananthapuram Municipal Corporation 2) Dr. Sekhar. L. Kuriakose, Member KSDMA
10.30 to 10.45	Tea Break	
10.45 onwards	Deliberations on IRS  For detail schedule of 5 day IRS course, kindly refer IRS manual book supplied to you	Resource Person's

# PROGRAMME SCHEDULE

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<b>Time</b>	<b>Subject</b>	<b>Resource Person</b>
<b>Day 1 (26/05/2014)</b>		
09.00 to 10.00	Registration, Welcome, Self & Course Introduction	
10.00 to 10.30	Inauguration of the Course	
10.30 to 10.45	Tea Break	
10.45 to 11.00	Ice Breaking Session	
11.00 to 12.00	Concept of IRS and existing Response Mechanism	
12.00 to 13.00	Team Building Exercise	
13.00 to 14.00	Lunch Break	
14.00 to 15.00	Module A – Principles & Features of IRS	
15.00 to 15.15	Tea Break	
15.15 to 17.00	Module A - Principle & Features of IRS (Contd.)	
<b>Day 2 (27/05/2014)</b>		
10.00 to 10.30	Review	
10.30 to 11.30	Module B - Organization & Staffing	
11.30 to 11.45	Tea Break	
11.45 to 14.00	Module B – Exercise on Organization & Staffing	
14.00 to 1445	Lunch Break	
14.45 to 15.30	Module C - Incident facilities	
15.30 to 15.45	Tea Break	
15.45 to 17.00	Module C – Exercise on Incident Facilities	
<b>Day 3 (28/05/2014)</b>		
10.00 to 10.30	Review/Questions	
10.30 to 11.30	Module D – Incident Resource & Resource Management	
11.30 to 11.45	Tea Break	

11.45 to 13.00	Module D – Exercise on Incident Resource & Resource Management
13.00 to 14.00	Lunch Break
14.00 to 15.30	Module D - Exercise (Contd.)
15.30 to 15.45	Tea Break
15.45 to 17.00	Module E - Org for Incident/Event

*Day 4 (29/05/2014)*

10.00 to 10.30	Review/Questions
10.30 to 11.30	Module E – Exercise on Org for Incident Event
11.30 to 11.45	Tea Break
11.45 to 13.00	Module F - Incident/Event Planning
13.00 to 14.00	Lunch Break
14.00 to 15.30	Module F - Exercise on Incident &Event Planning
15.30 to 15.45	Tea Break
15.45 to 17.00	1. Briefing on Conduct of Simulation Exercise. 2. Formation of IRT – Roles & responsibilities of IRT members. 3. Development of IRTs Mission & Objective by Team Members.

*Day 5 (30/05/2014)*

09.00 to 09.30	Review of Preparations for Simulation & Exercise & Briefing
09.30 to 14.00	Simulation Exercise
14.00 to 15.00	Lunch Break
15.00 to 16.00	Debriefing
16.00 to 16.30	Valediction/Certificate Distribution
16.30	Tea Break



# Five Day Basic & Intermediate Course On Incident Response System (IRS)

Period of Course: 26<sup>th</sup> to 30<sup>th</sup> May 2014  
Venue: Fortune Hotel The South Park, Trivandrum

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The five day Basic & intermediate course on "Incident Response System" was jointly organised by UNDP; Thiruvananthapuram Municipal Corporation & Kerala State Disaster Management Authority from 26<sup>th</sup> May to 30<sup>th</sup> May 2014 at Fortune Hotel The South Park, Trivandrum. 29 (24 Male & 05 Female) officers representing Municipal Corporation of Thiruvananthapuram and various other state offices/departments participated in the five day course. The mission and objectives of the course was to develop capacities of all potential responders involved in emergency management to adapt to an integrated and organizational structure and demands single or multiple incident commands without being hindered by operational and jurisdictional boundaries of the district/state following the concept principles of IRS.



26<sup>TH</sup> MAY 2014

The training kicks off with registration for the participants at 9.30 am. Mr. Ramesh Krishnan, City Project Coordinator, UNDP, Trivandrum, gave Welcome Speech on behalf of Additional Secretary G Padmakumar. He welcomed Honourable City Mayor, Adv. K. Chandrika, Dr Sekhar L Kuriakose- Member Kerala State Disaster Management Authority, Col. Vishwas Nahar Supanekar- Professor & Director, YASADA, Administrative Training Institute, Puna, Maharashtra, Mr. Debaprasad Misra- Joint Director of Training, Assam Administrative Staff College, Guwahati, Assam and all participants. Later an introductory speech on IRS was delivered by him, giving brief concept about the IRS course module and resource persons were introduced.



Hon'ble Mayor Adv. K. Chandrika gave the inaugural address. She outlined the need of developmental plans through sustainable planning to make Thiruvananthapuram a disaster resilient city. She emphasised on Unification/coordination of different departmental agencies by setting up a City EOC for one point contact in dealing emergencies



Dr. Sekhar L Kuriakose, key note address, presented his views on responsibilities of ULB's in effectively managing & mitigating disasters. He focused on the flow of action in emergency management involving KSDMA, DDMA and other agencies. According to him grass root level interventions, specific target point workings, accountability checking are vital in increasing efficacy of the disaster management system



## Outcome of the session/discussion

Helped to identify the strength of each individual in a team and understood how to use the expert wisdom in group for tackling a situation.

## Session 2 – 3.00 PM

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The objective of this session was to present, the features & principals of IRS. Collectively, this feature identifies the unique quality of IRS as an incident or event management system. The Session was delivered by Col. Vishwas Nahar Supanekar.



## Session Outline

Management by Objectives

SMART objectives

Five Major Functions

Functional Responsibility

Incident Operation Organization

Accountability through Incident Briefing (IRS001), Incident Status Summary (IRS 002)

Options for using resources

Incident Action Plan

## Outcome of the discussion

- Two Incident Response teams are required in a District.
- No dedicated communication system exists for F& R Department
- Fire hydrant resources are available in the city (ponds, well, Tanks)



End of Module A



27TH MAY 2014

## Session - 3

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The session 3 provided a comprehensive description of the responsibilities of the organizational elements within each section of the IRS. Mr. Debaprasad Misra gave insights into the general duties of each organizational element, terminology, staffing considerations, and reporting relationships.



### Session Outline

- Incident Commander: major Responsibilities & Duties
- Determine Incident Objectives, Strategy & Tactical Direction.
- Establishing an Incident Command Post
- Working of unified Command in Municipal Corporation & District Administration
- Case Study of Guwahati; Managing Flood through Incident Response System
- Characteristics of an effective Incident Commander
- Important Staff functions & their responsibilities
- The General Staff Position in IRS
- Reporting relationships & Information flow within IRS organization
- Transfer of Command

### Group Exercise

An earthquake scenario was given to the participants. In small groups, they were required to discuss how they would organize the earthquake incident using the principles of IRS. Along with that they have to complete the Incident Briefing Form IRS 001, brief the supervisor in charge, and present their briefing to the class using their completed IRS 001.



### Outcome of Discussion and Group Exercise

- Major Incidents should be functionally/geographically divided.
- Participants were highly enthusiastic while doing the exercise. They were discussing with each other and each one of them contributing ideas between

them. Some of them showed exceptional leadership qualities while doing exercise. Dr Ummuselma C (Health Officer, TVM MC), Suresh Chandran (EE KWA), Mrs Rani G (Asst. Executive Engineer, TVM MC), Mr. Ansar. J (Asst. Executive Engineer, TVM MC), Arun Alphonse (Divisional Officer F&R) were the spoke person from Team 1, 2, 3 & 4 respectively in the debriefing section.

- All syndicates have allocated the resources well in planning exercise but needed to be done as per the original requirements.

*End of Module B*

28TH MAY 2014

## Session 4

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The session 4 explained factors and considerations to be evaluated for setting up certain facilities that are required for an effective incident management organisation. Col. Vishwas Nahar Supnekar described different kinds of facilities that could be established at an incident site such as ICP, Staging areas, Base, Camps, Helibase, Helipads & Relief Camps.

### Session Outline

- Incident Response System facilities
- Guidelines for establishing ICP
- Designations for IRS facilities
- Illustration of Incident facilities



### Group Exercise

In the given earthquake scenario, after 2 hrs of the incident, member of each syndicate is required to act as a logistics section chief, and identifies facilities that would needed to contain it. They have to list out facilities in anticipatory which would be needed to effectively manage the incident and identify important capabilities and characteristics.

### Outcome of the Discussion & Group Exercise

- All the four syndicates divided their resources based on capabilities, kind & Type, Use of resources, Strike Team & resource status.
- Mr. Ansar. J; Mr. Arun Alphonse; Mr. Suvi; Dr. Saritha Kumari represented their groups in debriefing section of Group Planning Exercise. Dr. Saritha Kumari acted as the logistic section chief in her presentation.
- All of them selected location of base camp as the place of ICP which was commented as excellent by the resource person.
- Some of them choose more than one base which is not permitted in IRS, since it may create more logistics problem.
- Normally, up to five task forces, only one division in the area is permitted. If the terrain & accessibility are poor, then it can be varied accordingly.
- While dividing the region based on the intensity & nature of incident logical reasoning should be applied.

End of Module C

## Session 5

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This session was taken by Col. Vishwas Nahar Supnekar, in which he discussed about resource management process, stages of resource management, responsibilities related to resource ordering and the use of operational planning worksheet. He explained well regarding importance of staging areas in the management of resources & also cost effective management of resources while resource demobilization.

### Session Outline

- Resources by kind and type
- Options for using resources on an incident- single/task force/strike teams
- Resource status
- Resource Management
- Operational Planning Worksheet
- Resource Ordering
- Resource Assignments
- Demobilizing resources
- Demobilization Plan



### Group Exercise

Plot for the Group exercise was the same earthquake affected area. As a resource leader all teams are assigned to prepare their resource tracking system. They have been provided by a checklist with resources that are available & yet to be arrived and are requested to develop an Incident Action Plan for next day's operational period (IRS 015)



plan.

### Outcome of the Discussion & Group Exercise

- Dr. Saritha Kumari from Syndicate 1 presented their Operational Action Plan. They have a well planned action plan with most of the resources were identified/ordered.
- Syndicate 1 though utilized the service of air effort; they are requested to assign nodal officers for loading & unloading in their plan.
- Mr. Arun Alphonse from Syndicate 2 presented the operational plan. Though they used services of NDRF, CRPF, Hazmat Vehicle & VHF units while preparing the plan, they didn't have any movement

- *Additional special equipments apart from the holdings needed to be mentioned in the action plan of syndicate 2.*
- *Dr. Muraleedharan Pillai from Syndicate 3 presented the Operation plan. Though they have covered each item in detail, they didn't have any movement plan as well as any safety security instructions for the plan.*
- *Though syndicate 4 completed the Operational Action plan, no one presented it.*
- *Moment plan should be present*
- *Safety instructions should be mentioned*
- *Presentation should be short & crisp*
- *Bottom to Top Planning approach in the worksheet is essential*
- *Management by Objective is required*
- *If any rumours are there it should be initially ruled out. Drop off place should be mentioned in the transportation plan*

*End of Module D*



29TH MAY 2014

## Session 6

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### Session started with presentation of Group Scenario Exercise done on 28th May 2014

This session was explained by Mr. Debaprasad Misra with an objective to ensure achievement of incident objectives while organizing an event. It discussed the steps in organizational development, incident briefing, concept of unified command etc. Through this session he exposed the participants to the enormous possibilities of using IRS for managing a variety of incidents and events.

#### Session Outline

Event & incident Management

Organizing incident Operations

Considerations for organizing unplanned events

Transfer of Command

Mutual Aid Response Group

How to Divide an Incident

Unified & area Command



#### Group Exercise

The team members were divided into two syndicates and were given two different scenarios. One is to organize an epidemic event (Swine flu) using IRS system in preparation for an outbreak in India. Second scenario is to organize a major flooding event that has taken place in two Districts. They were given an hour to develop an organization chart or schematic organization chart to display their results. Then each group presented their organizations in the class for discussion

#### Outcome of the Discussion & Group Exercise

- Mr. Ansa. J. Asst. Executive Engineer, Tvm MC represented syndicate 3 & 4, presented the swine flu scenario very well, in which they performed airport screening & Quarantine activity as preparedness measures.
- They didn't mention the post of IC in their schematic diagram which is a short fall in their planning process.



- Dr. Saritha Kumari represented syndicate 1 & 2, presented the incident management of flood scenario. They had response as well as Transportation Plan for their event.

- The comments made by the trainers are: 1) For the second scenario an intermediary is required to control the situation

between two districts, since it affects multiple districts at a time. 2) CWC can act as a unified command for dealing such situation, which is authorized by a National Policy.

End of Module E

## Session 8

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The session, Incident & Event Planning known as the mother of all exercises was taken by Mr. Debaprasad Misra. This session deals with operational period incident action planning which is one of the key features of IRS. It helps in better planning & makes the responders react to the emergency situation with proper action plan.

### Session Outline

- Importance of Planning
- Incident Action Plan
- Results of Poor Planning
- Essential elements to be included in the IC verbal action plan.
- Factors affecting length of Operational Period.
- Elements in Action Plan.
- Features of Incident Action Plan.
- Daily Planning Process.
- Finalize, Approve & implement IAP
- Changing an Existing Action Plan.
- Evaluation of the IAP
- Demobilization Planning



### Group Exercise

The given exercise was Incident Action Plan Development Scenario for the earthquake during twelfth hour of the incident. Each group was assigned the task of developing an IAP with the team members acting as IRT's and were require to do operations briefing at the end of the simulation exercise.

### Outcome of Discussion & Group Exercise

- All team members performed their respective roles well, but need to follow the planning meeting protocol.
- Briefing should be crisp.
- Demobilization unit should know where the resources are located.
- Resource unit should identify the need and available resources.

End of Module F

30TH MAY 2014

### Group Exercise

Simulation Exercise based on flood scenario in Trivandrum City has been given and the whole participants are divided into Planning, Operational & Logistics Section with section heads leading each team. An incident was given and team members were asked to respond to the situation based on IRS principles they learned during previous day's class. The thread of the incident goes like this; the District Collector who is in charge of the Responsible Officer calls the Tahsildar of the flood affected Taluk and gives instructions to deal with the situation. He was asked to take in charge of Incident Commander of the flood operations. The



Tahsildar then call plan meeting of all section head chief under the IRS operational guidelines. Then the section heads of logistics, operational and planning teams conduct group meetings and objectives were set up for their action plan. As an incident Response Team they are required to:

- 1) Establish Incident Objectives and make section chief assignments (By IC)
- 2) Develop IRS Organization (draw organogram)
- 3) Conduct Command and General Staff meetings and start preparation for planning meeting
- 4) Develop Incident Maps and Hold Pre-planning (Develop IRS 015)
- 5) Conduct planning meeting.



Apart from this, Liaison Officer, Safety Officer, Media officer were also established for the smooth functioning of the IRS system. Each team is required to do a specific task and were assigned to fill the IRS 015 planning worksheet accordingly and to map the affected areas in a wall map of Trivandrum Corporation. Apart from this during the simulation exercise some injects were

also given by the trainers to the teams to make their task much more complicated. After the completion of their task, all the team members were called by the Incident



Commander and asked to debrief their operation procedure. The team members who were in the leading role are:

Responsible Officer- Mr. Ramesh Krishnan

Incident Commander- Mr. AP Kiran, Additional Tahsildar, Kattakkada

Operational Section Chief- Mr. Ansar J, Asst. Executive Engineer, Trivandrum MC

Logistics Section Chief- Mr. Arun Alphonse, Divisional Fire Officer, Trivandrum

Planning Section Chief- Dr. Saritha Kumari LT, Supdt. Women & Child Hospital



### Lessons drawn from Discussion & Exercise

Mr. Debaprasad Misra, Col. Vishwas Supanekar & Ms. Vrindhanath M C were the observers of the session. They made following comments regarding the simulation exercise.

- IC didn't name the event during plan meeting
- IC didn't mentioned the operational time period.
- During planning meeting, operation section chief took the charge of IC while he was briefing the plan, which was against the operational procedure of IRS.
- Though Map has been attached to the opening narrative, IC didn't use it.
- IC didn't took the Contact details of RO
- Once the IC has been changed, it was not informed to others.
- For the NGO's Inject, Liaison Officer didn't ask for capabilities & their contact details.
- Meeting has to be convened by the planning section chief & he must have the operational authority, which was not there.
- Meeting has to be systematically convened.
- They have requested the NDRF team & Hazmat team for their planning operation. But the NDRF is alone is needed to deal with any Chemical emergencies since they are trained in that too.

### Valedictory Function

The five day training programme concluded with the Valedictory function & Certificate Distribution. Dr Sekhar L Kuriakose gave the valedictory note & presented Certificates to all Participants. The program wined up with few participants expressing their good views on training sessions. Most of them said that, the 5 day course on IRS was excellent. It has given them an insight to plan in a better manner to respond to a disaster. They thanked UNDP/KSDMA/Thiruvananthapuram Municipal Corporation for organising the





course. Vote of Thanks was delivered by Mr. Ansar. J, Assistant Executive Engineer of Municipal Corporation, Trivandrum.

# Annexure

## Incident Response Teams

### TEAM NO. 1

Sl. No.	Suggested for member IRT	Name, Designation & Office
1.	√	Smt. K. Padmakumari, Revenue Officer – II, Tvm MC
2.	√	Dr. Sarithakumari. L.T., Dy. Superintendent, Women & Child Hospital, Thycaud, Tvm City
3.	√	Shri. Moideen Hussain, Sub Inspector, RRRF
4.	√	Shri. Suresh Babu, RSI, A.R. Camp, Kerala Police
5.	•	Baiju. V, Assistant Engineer, PWD City Roads Section No. I, Tvm
6.	√	Shri. T. Vinod Raj, Junior Superintendent, Disaster Management Section, District Administration
7.	•	Sasikumar. P.K., Health Supervisor, Tvm MC

### TEAM NO. 2

Sl. No.	Suggested for member IRT	Name, Designation & Office
1	•	Shri. J. Jayaraj, APSI, RRRF
2	√	Dr. Ummuselma. C. Chungathu, Health Officer, Tvm MC
3	√	Shri. Asok Kumar, RSI, Tvm MC
4	•	Shri. Rajan. M. Kesavan, Superintendent, Tvm MC
5	√	Prasanth . V.S. Assistant Engineer, KWA
6	•	Ushakaran. K, Health Inspector- I, Tvm MC
7	√	Shri. Arun Alphonse, Divisional Officer, Kerala Fire & Rescue Services, Tvm

**TEAM NO. 3**

Sl. No.	Suggested for member IRT	Name, Designation & Office
1	√	Shri. J. Ansar, Asst. Executive Engineer, Tvm MC
2	•	Shri. Pradeep, SI, Kerala Police
3	√	Shri. P. Dileepan, Asst. Divisional Officer, Kerala Fire & Rescue Services, Tvm
4	•	Ajith Kumar. S, Health Inspector- II, Tvm MC
5	√	Dr. Muraleedharan Pillai. C, Superintendent, Superintendent, Dist Model Hospital Peroorkada, Tvm City
6	•	Shri. A. P. Kiran, Additional Tahsildar, Kattakada
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**TEAM NO. 04**

Sl. No.	Suggested for member IRT	Name, Designation & Office
1	√	Shri. K.K. Anandalal, Asst, Engineer, Tvm MC
2	√	Smt. Greeshma, A.V, Asst. Engineer, Tvm MC
3	•	Shri. A. Chandran Nair, Revenue Officer – II, Tvm MC
4	•	Francis Raj, K, Health Inspector- II, Tvm MC
5	√	Shri. P.K. Subhash Kumar, Superintendent, Tvm MC
6	√	Shri. M.S. Suvi, Station Officer, Kerala Fire & Rescue Services, Tvm
7	•	Shri. Satheesh Kumar, APSI, RRRF

**List of Participants Successfully Completed 5 days IRS Course**

Sl. No	Office / Agency	Name & Designation	Gender	Mobile	E-mail
1	Tvm MC (Health Section)	Dr. Ummuselma. C. Chungathu, Health Officer	F	9496434485	<a href="mailto:drummuselmacalpy@gmail.com">drummuselmacalpy@gmail.com</a>
2		Sasikumar. P.K., Health Supervisor	M	9496434433	No email id
3		Ushakaran. K, Health Inspector- I	M	9496434541	No email id
4		Ajith Kumar. S, Health Inspector- II	M	9496434461	No email id
5		Francis Raj, K, Health Inspector- II	M	9496434441	No email id
6	Tvm MC (Engineering Section)	Shri. J. Ansar, Asst. Executive Engineer	M	8089260375	<a href="mailto:rasnasubair@gmail.com">rasnasubair@gmail.com</a>
7		Smt. Rani G, Asst. Executive Engineer	F	9447271715	<a href="mailto:ranymahesh@rediffmail.com">ranymahesh@rediffmail.com</a>
8		Shri. K.K. Anandalal, Asst, Engineer	M	9447223448	<a href="mailto:anandalalkk@gmail.com">anandalalkk@gmail.com</a>
9	Tvm MC (Revenue Section)	Shri. A. Chandran Nair, Revenue Officer - II	M	8547136167	No email id
10		Smt. K. Padmakumari, Revenue Officer - II	F	8281619273	No email id
11		Shri. P.K. Subhash Kumar, Superintendent	M	9526580312	No email id
12		Shri. Rajan. M. Kesavan, Superintendent	M	9656821558	No email id
13	Rapid Response & Rescue Force / State Disaster Response Force	Shri. J. Jayaraj, APSI	M	9446312997	<a href="mailto:cmdtsraf.pol@kerala.gov.in">cmdtsraf.pol@kerala.gov.in</a>
14		Shri. Satheesh Kumar, APSI	M	9544453958	
15		Shri. Moideen Hussain, Sub Inspector	M	9946551882	
16	District Medical Office	Dr. Muraleedharan Pillai. C, Superintendent, Superintendent, Dist Model Hospital Peroorkada, Tvm City	M	9447136608	<a href="mailto:drmuralidrvayala@gmail.com">drmuralidrvayala@gmail.com</a>

17		Dr. Sarithakumari. L.T., Dy. Superintendent, Women & Child Hospital, Thycaud, Tvm City	F	9446967803	<a href="mailto:sarithalt@yahoo.com">sarithalt@yahoo.com</a>
18	District Administration	Shri. A. P. Kiran, Additional Tahsildar, Kattakada	M	9746007397	<a href="mailto:alexispatrickkiran@gmail.com">alexispatrickkiran@gmail.com</a>
19		Shri. T. Vinod Raj, Junior Superintendent, Disaster Management Section	M	9447587314	<a href="mailto:dreams9275@gmail.com">dreams9275@gmail.com</a>
20	Kerala Fire & Rescue Services, Tvm City	Shri. Arun Alphonse, Divisional Officer, Tvm	M	9497920103	<a href="mailto:arunfire101@gmail.com">arunfire101@gmail.com</a>
21		Shri. P. Dileepan, Asst. Divisional Officer	M	9497920110	<a href="mailto:adofrstvm@gmail.com">adofrstvm@gmail.com</a> & <a href="mailto:dileepan101@gmail.com">dileepan101@gmail.com</a>
22		Shri. M.S. Suvi, Station Officer	M	9400706392	<a href="mailto:suvmayapuri101@gmail.com">suvmayapuri101@gmail.com</a>
23	Kerala Water Authority, Tvm	Shri. Suresh Chandran, Executive Engineer, Water Supply Division, Neyyattinkara, Tvm	M	8547638086	<a href="mailto:suresh_chandran@yahoo.com">suresh_chandran@yahoo.com</a>
24	PWD (Roads & Bridges Division), Tvm	Baiju. B, Assistant Engineer, City Roads Section No. I, Tvm	M	9446063737	<a href="mailto:eerbtvm.pwd@kerala.gov.in">eerbtvm.pwd@kerala.gov.in</a> & <a href="mailto:baiju.uthradam@gmail.com">baiju.uthradam@gmail.com</a>
25	Kerala Police, Thiruvananthapuram Range	Shri. Pradeep. J, Sub Inspector	M	9495154380	<a href="mailto:www.pradeepkepa@rediffmail.com">www.pradeepkepa@rediffmail.com</a>
26		Shri. Suresh Babu, Reserve Sub Inspector	M	9446435998	<a href="mailto:igptvmrange.pol@kerala.gov.in">igptvmrange.pol@kerala.gov.in</a>
27		Shri. Asok Kumar, Reserve Sub Inspector	M	9447102175	<a href="mailto:akoshota@gmail.com">akoshota@gmail.com</a>
28	UNDP-CRM Project, Tvm	Ramesh krishnan, City Project Coordinator, GoI-UNDP-CRM Project	M	8129207788	<a href="mailto:rameshkrishnanv@gmail.com">rameshkrishnanv@gmail.com</a>
29		Ms. Vrinda Natha. M.C, Project Fellow, SEOC	F	9287541883	<a href="mailto:vrindhanath@gmail.com">vrindhanath@gmail.com</a>

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