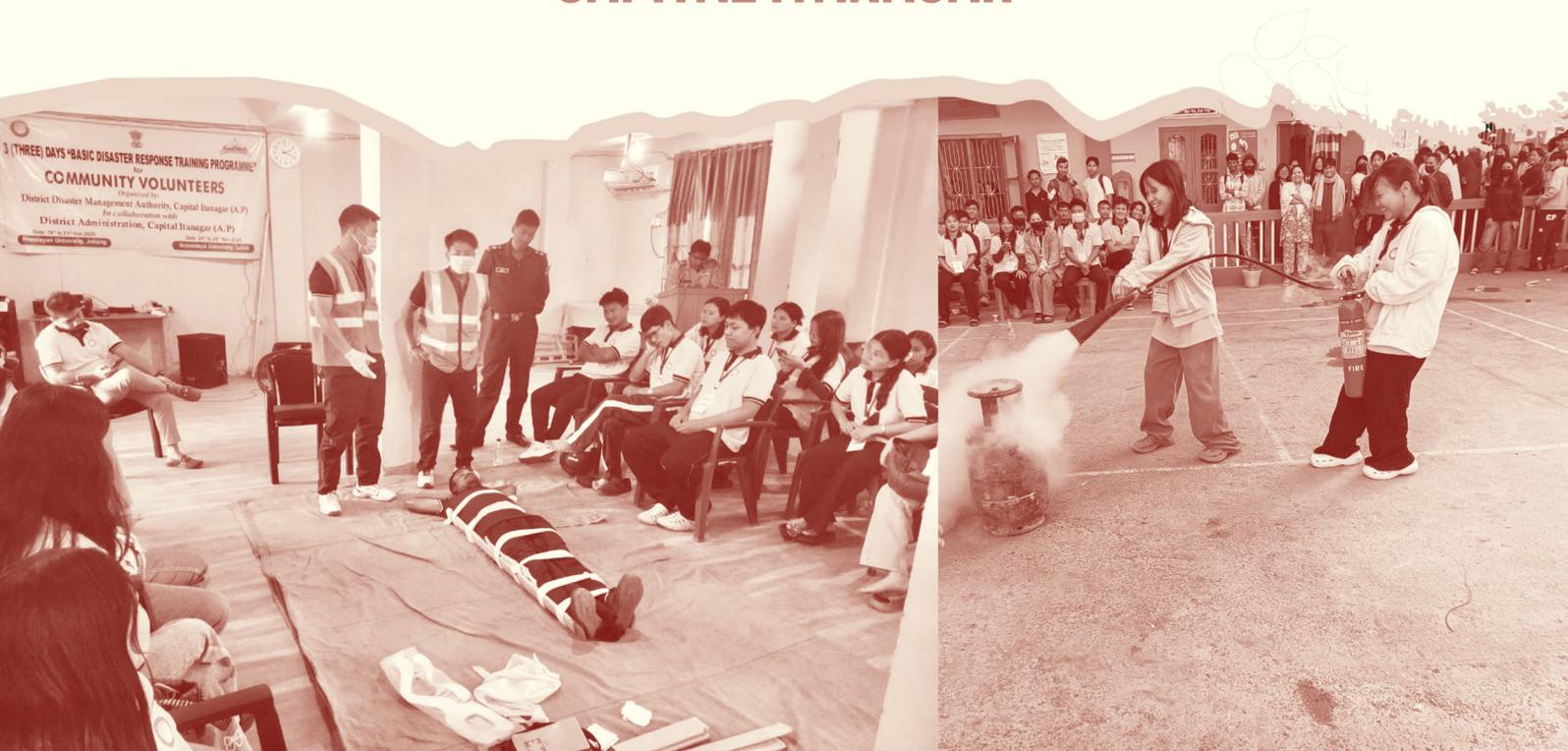




DISASTER MANAGEMENT PLAN 2024-25 CAPITAL ITANAGAR



Office of the Deputy Commissioner
Capital Itanagar
Government of Arunachal Pradesh



DISASTER MANAGEMENT PLAN

2024-25

CAPITAL ITANAGAR

Office of the Deputy Commissioner
Capital Itanagar
Government of Arunachal Pradesh

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CHAPTER 1: INTRODUCTION

1 CHAPTER 1: INTRODUCTION

The Disaster Management Plan of Capital Itanagar, hereafter referred as the Plan, is a multi-hazard response plan that assists and equips the district administration to organize its emergency preparedness for the pre, during and post disaster, so that response and mitigation functions timely and in an efficient manner within the district and to extend the necessary support to the state and central government. This plan is prepared keeping in mind the vision to organize, strengthen and enhance the capabilities of all the stakeholders in the district to enable them to immediately respond to the disasters using their own available resources, thereby minimizing the effects/ impacts of disasters with optimum use of external aid or resources. It focuses on operations, and defines the Characterization of responder agencies of the district, from within and outside the government.

1.1 District Profile

The Itanagar Capital, a new administrative unit was bifurcated from Papumpare district for sake of administrative convenience on 1st October 2008 with a Deputy Commissioner. Situated in the foothills of the Eastern Himalaya between latitudes 20-0' N to 20-25'N and longitude 72- 50' E to 73-15' E, the district is spread around 491 sq.km which is bounded by Assam in the South, Papumpare district in the North, Lower Subansiri in the East and East Kameng in the West. With a total population of 117069, the district is divided into three circles i.e., Naharlagun, Banderdewa and Itanagar Circle (Census of India, 2011). Major rivers and streams that flows through Itanagar capital are Dikrong, Barapani, Pachin, Senki. Demographic profile of the district is given in Table 1.

Sl. No	Name of the Circle	Number of Villages	Population	Number of Household	Literacy (%)	Population Density
1	Itanagar	21	59490	14000	85.17	390 per Sq.Km
2	Naharlagun	32	49056	10000	83.99	320 per Sq.Km
3	Banderdewa	50	8523	1625	93.02	58 Per Sq. Km

Table 1: Demographic Profile of Capital Itanagar

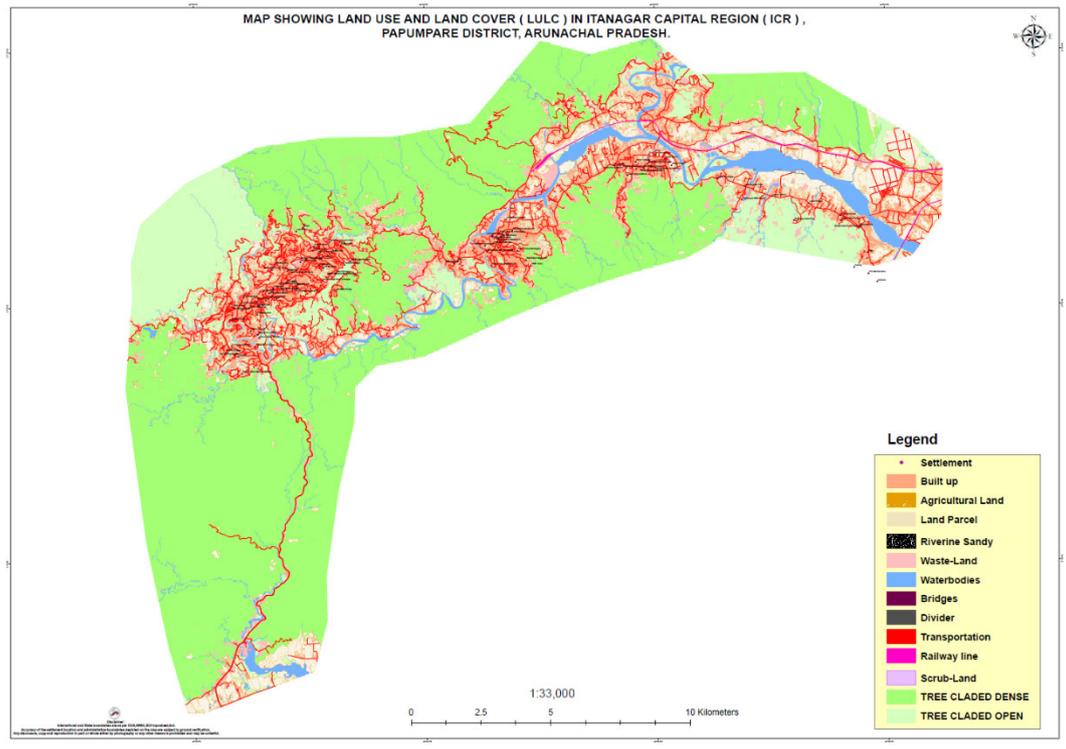


Figure 1: Map of Capital Itanagar
(Source: State Remote Sensing Application Centre, Govt of Arunachal Pradesh)

List of Villages under each circle of Itanagar Capital			
Sl. No	Itanagar Circle	Naharlagun CIRCLE	Banderdewa Circle
1.	Batt	Aniya Vill	Achi Hapa
2.	Bedhi Beda	Bichun Yogin village	Banderdewa
3.	Birup	Borum-I	Banderdewa 5/1
4.	Chimi	Borum-II	Banderdewa Aniya
5.	Chimpu	Deri village	Banderdewa Tani-I
6.	Dami Hapa	Dichi	Banderdewa Tani-II
7.	Daath	Ernie	Banderdewa Dapo
8.	Ganga	Guni	Banderdewa Market Line
9.	Giri hapa	Hara Hapa	Banderdewa Nyokom
10.	Hokka 1	Hakum	C.F.Colony
11.	Jollang	Hostalam	Changmara
12.	Kongko	Kolma village	Chessa

13.	Lorr	Konkara potu	Chessa Forest
14.	Mugli	Konkara vill	Chessa I
15.	Tago	Luta	Chessa II
16.	Paga- Tara	Mop Pop	Dipu Colony
17.	Hijo Hapa	Naharlagun Model Vill.	Dolicoto
18.	Richi	Nani tal	Dree Colony
19	Upper Hokka	Nirjuli vill-I	Duda Namchang
20	Hokka 1	Nirjuli vill-II(A)	Durpang forest camp
21	Shi	Nirjuli vill-II(B)	Durpang Nyishi
22	Lower Richi	Nirjuli vill-III	Forest Colony
23	Tapeh	Upper Lekhi	Goru Bandha
24	Limi	Lower Lekhi	Goru Bandha F/Camp
25	Little	Tarajuli-I	Karsingsa Complex
26	Kora Hapa	Tarajuli-II	Karsingsa Village
27	Jollang IV	Nyorch	Karsingsa Piggary Farm
28	Him Hapa	Upper Nyorch	Karsingsa RWD Colony
29	Upper Daath	Rayo village	Karsingsa Tinali
30	Dekhya	Sichir	Karsingsa-II
31	Daath-II	Koching	Karsingsa-III
32	Daath Namchi	Sood-I	Karsingsa-IV
33	Kaso Namchi	Sood-II	Lower Dobum
34	BPL Niyok	Buk	Niya Namchang
35	Lower Birup	Popu Vill	Pichola Forest Camp
36	Lower Dami		Pichola Nyishi
37	Dami		Pichola Nyishi
38	Dami Nyokum		Pichola Saw Mill
39	IRBN Hapa		PTC Banderdewa
49	Page		Ruru Hapa

41	Sere		Sonajuli
42	Lodhoso		Sonajuli Farm
43	Loopu		Tani Hapa Lower
44	Yittum-yirah		Tani Hapa Upper
45	Ganga Pingru		Tapik Colony
46	Chuhodum		Tarajuli
47	Komya		Tarajuli - I
48	Kora Hapa		Tarajuli Forest Camp
49	Bedang		Taram
50	Gekar		Upper Dobum
51	Giba		Upper Karsingsa
52	Chu Dumi		Vana Vigyan Kendra
53	Huko		Dhassang Namchang
54	Rer Hapa		
55	Pop		
56	Hakap		
57	Bichum		
58	Yuvv		
59	Lutu Lenia		
60	Tawalak		
61	Kongte		
62	Chingte		
63	Birup II		
64	Deching		
65	Sighriang		
66	Badang		
67	Kheige		

Table 2: List of villages under three circles of Capital Itanagar

1.2 Objectives

Section 31 of Disaster Management Act 2005 (DM Act), makes it mandatory to have a disaster management plan for every district. As such this DDMP includes Hazard Vulnerability Capacity and Risk Assessment (HVCRA), prevention, mitigation, preparedness measures, response plan and procedures.

The objective behind the preparation of the Disaster Management Plan is:-

- a. To adopt proactive measures at district level by all the govt. departments to prevent disaster and mitigate its effects
- b. To define and assign the different tasks and responsibilities to stakeholders during the pre-disaster and post-disaster phases of the disaster
- c. To enhance disaster resilience of the people in the district by way of capacity building.
- d. To identify the areas vulnerable to major types of the hazards in the district
- e. To mitigate impact of natural and manmade disasters through preparedness at District level, Blocks, Gram Panchayat, Ward, and Village level.
- f. To provide effective support and resources to all the concerned individuals, groups and departments during disaster.
- g. To assist the line depts, block administration, communities in developing compatible skills for Disaster Management.
- h. To disseminate information in timely, accurate and tactful manner while maintaining necessary confidentiality.
- i. To develop immediate and long-term support plans for vulnerable people in/during disasters.
- j. To create awareness among the people about hazard occurrences and increase their participation and preparedness, prevention, development, relief, rehabilitation, and reconstruction process.
- k. To have response system in place to face any eventuality.

1.3 Necessity of the plan

The Plan establishes an administrative structure for a systematic, coordinated, and effective response at the district level. The purpose of the plan is to:

- a. Define a system of coordination at the different level.
- b. Establish a central facility to enables all the responder agencies to interact and coordinate their efforts.

- c. Suggest hazard-specific preparedness, response, and mitigation measures.
- d. Plan resource requirements, and coordinate with the state government for requisitioning more resources.
- e. Provide an inventory of resources, key facilities and addresses for deployment and assistance towards preparedness and mitigation.

Responding to an urgent call of society to change the paradigm from the traditional practice of giving relief towards reducing the risk of disaster, the Govt. is emphasizing that at all level, administration's primary role should be the preparedness, mitigation, reduction and response of a disaster based on community participation.

1.4 District Disaster Management Authority

In exercise of the power conferred under section 25(1) of the Disaster management Act, 2005, the Governor of Arunachal Pradesh has constituted the DISTRICT DISASTER MANAGEMENT AUTHORITY (thereinafter called the District Authority).

The District Authority shall consist of the following members, namely:

- | | | |
|----|--------------------------------------|---------------------------|
| a. | Deputy Commissioner | :-Chairperson ex-officio |
| b. | Mayor (IMC) | :-Co-Chairperson |
| c. | Additional Deputy Commissioner (HQ) | :-Chief Executive Officer |
| d. | Superintendent of Police | :-Member |
| e. | District Medical Officer | :-Member |
| f. | Executive Engineer PWD (Naharlagun) | :-Member |
| g. | Deputy Director Urban & Housing | :-Member |
| h. | District Disaster Management Officer | :-Convener |

1.5 Power and Functions of District Disaster Management Authority

- a. Prepare a disaster management plan including district response plan for the district.
- b. Coordinate and monitor the implementation of the National policy, State Policy, National Plan, State Plan and District Plan.
- c. Ensure that the areas in the district vulnerable to disaster are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the department of the Government at the district level as well as by the local authorities.
- d. Ensure that the guidelines for the prevention of disasters, mitigation of its effects, preparedness and response measure as laid down by the National Authority and the State Authority are followed by all departments of the

Government at the district level and the total Authorities in the district.

- e. Review the state of capabilities for responding to any disaster or threatening disaster situation in the district and give directions to the relevant departments or authorities at the district level.
- f. Ensure that the Departments of the Government at the district level and the authorities prepare their response plans in accordance with the district response plan.
- g. Lay down guidelines for, or give direction to, the concerned Department of the Government at the district level or any other authorities within the local limits of the district to take measures to respond effectively to any threatening disaster situation or Disaster.
- h. Review development plans prepared by the Departments of the Government at the District level, statutory authorities or local authorities with a view to make necessary provisions there in for prevention of disaster or mitigation.
- i. Examine the construction in any area in the district and, if it is of the opinion that the standards for the prevention of disaster or mitigation laid down for such construction is not being or has not been followed, may direct the concerned authority to take such action as may be necessary to secure compliance of such standards.
- j. Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice.
- k. Provide information to the State Authority relating to different aspects of disaster management.
- l. Encourage the involvement of Non-Governmental Organizations and Voluntary Social Welfare institutions working at the grassroots level in the district for disaster management.

1.6 Incident Response System

In case of any Disaster, an Incident Response System (given below) is notified under notification No. DC-ICC-19023/1/2022 Dated 23rd February 2022 where the responsibilities are defined with the individuals along with the tasks to be performed in the district.



**GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE DEPUTY COMMISSIONER
CAPITAL: ITANAGAR**

DC

No. DC-ICC-19023/1/2022

Dated Itanagar 23rd February 2022

NOTIFICATION

Whereas, the Governor of Arunachal Pradesh has notified the Incident Response Team at district level for all the districts vide No. SEOC/DRR/DM-18/2009-10 dated 5th September 2014 to response to any major disaster in the district.

And whereas, the District Administration Capital has notified the Incident Response Team of Itanagar Capital Complex vide No. DC/ICC/DM-52/IRS/16 dated 11th April 2016.

And whereas, the Chief Municipal Executive Officer cum Dy. Incident Commander ceased to exist due to enactment of Arunachal Pradesh Municipal Corporation Act 2019.

Now, therefore, the Incident Response Team of Itanagar Capital Complex is hereby notified with the following members as Incident Response Team: -

Sl. No	Charter of Duty	Designation
1	Responsible Officer	Deputy Commissioner
2	Incident Commander	Add. District Magistrate
3	Deputy Incident Commander	Municipal Commissioner
4	Safety Officer	Superintendent of Police
5	Liaison Officer	DDMO
6	Information and Media Officer	DIPRO
7	Operation Section Chief	Superintendent of Police
	➤ Staging Area Manager	EE (PWD)/DDSE
	➤ Rescue & response Branch	Concerned Circle Officer
	➤ Natural Disaster	Fire Officer
	➤ Epidemic & Health Hazard	DMO
	➤ Manmade Disaster	Dy. Supdt. of Police
8	Transport Rail, Water and Air Units	DTO/EAC(MV)
	Planning Section Chief	SDO (S)
	➤ Situation Unit	EAC Itanagar/Naharlagun
	➤ Resource Unit	EAC (Naz)
	➤ Documentation Unit	DIPRO/DIO
	➤ Demobilization Unit	EAC (MV)
9	Logistic Section Chief	ADM-cum- Chief Estate Officer
	A) Service Branch	EAC (Naz)
	➤ Communication Unit	DIPRO/DDMO
	➤ Medial Unit	DMO
	➤ Food Unit	DF&CSO
	B) Support Branch	Municipal Commissioner
	➤ Resource Provisioning Unit	EE (PWD), DDSE
	➤ Facilities Unit	EE (RWD)/EE (Power), HPD/SDO (BSNL)
	➤ Ground Support Unit	EE (PHED)/WRD/DD, ICDS
	C) Finance Branch	EAC (Relief)
	➤ Time Unit	DDMO
	➤ Compensation Unit	DDMO in coordination with DAO and other administrative Officer
	➤ Procurement Unit	EAC (Naz)
➤ Cost Unit	DDMO/FAO	

The District Level Incident Response Team (IRT) will be activated by the Responding Officer in event of any major disaster.

This will come into force with immediate effect.

Talo Potom
23/2/22

Talo Potom, IAS
Deputy Commissioner
Capital, Itanagar

Memo No. DC-ICC-19023/1/2022

Dated Itanagar 23rd February 2022

Copy to:-

1. The PS to Commissioner to Hon'ble Governor Arunachal Pradesh.
2. The PSS to Hon'ble Chief Minister, Arunachal Pradesh.

Figure 2: Incident Response Team of Capital Itanagar

1.7 Village/Panchayat Level Disaster Management Committee

DC	GOVERNMENT OF ARUNACHAL PRADESH OFFICE OF THE DEPUTY COMMISSIONER CAPITAL : ITANAGAR	 सत्यमेव जयते
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No. DC/ICC/DDMA-53/2016-17

Dated Itanagar the 7th Jan'2022

CIRCULAR

This is General information for the welfare of Public service that a Village/Panchayat Level Disaster Management Committee is hereby formed under 3-ZPM segments to assist/support the Community to formulate Disaster Management plan. And to create awareness among Community to reduce the impact of hazards. Also to assist concern Officers/Officials in assessing any damages pertaining to various types of Disasters i.e Flood/Landslide/Fire/Earthquake etc under their concern areas/locations.

1. XI-Batt Ganga Zilla:

Sl.No	Name	Designation	Contact Num
1.	Shri Taro Tagia	ZPM	8413050288
2.	Shri Nabam Nibi	Chairperson,GPM Chimi-Ganga	9774102629
3.	Shri Tana Teni	Chairperson,GPM, Ganga	8794217744
4.	Shri Tana Taha Tara	Chairperson,GPM, Jollang	8974692610
5.	Smt Nabam Yajo	Chairperson,GPM, Chimpu	9856058183
6.	Smt Giogi Sanu	Chairperson,GPM, Batt	9436868728
7.	Shri Gyamar Nyelo	GB, Chimpu	9485272875
8.	Shri Teli Laj	GB, Chimi-Ganga	7005446855
9.	Shri Techi Pache	HGB, Ganga	8794651410
10.	Shri Tayi Kerap	HGB, Jollang	9485291135

2. 1-Borum Zilla:

Sl.No	Name	Designation	Contact Num
1.	Shri Tok Tama	ZPM	8131980910
2.	Smti Yab Anu Neelam	GPC, Nirjuli	7085453831
3.	Shri Tok Bopi	GPC,Popu	9436679233
4.	Shri Taying Sonya	GPC, Model	8415987217
5.	Smti Techi Yasa	GPC, Lekhi	8837392892
6.	Smti Nabam Yasum	GPC, Borum	8132859827
7.	Smti Taba Oma Tana	GPC, Tarajuli	8974943151
8.	Shri Nabam Tonyum	GB, Nirjuli	7628981501
9.	Shri Taba Kamin	GB, Nirjuli	7085853286
10.	Shri Taba Tarin	HGB, Nirjuli	8413881554
11.	Shri Taba Changriyang	GB Model	9612542060
12.	Shri Techi Murkhi	HGB Model	9366775495
13.	Smti Tok Yajur	GB, Lekhi	7030868007
14.	Shri Gyamar Taring	GB Hostalam	8732093035
15.	Sh Gyamar Aga	HGB Hostalam	9612990357
16.	Shr Taba Tatum	GB Nyorch	8974664278
17.	Shri Taba Tuma	GB Tarajuli	9612561244
18.	Smtt Taha Yah	GB Upper Nyorch	9362815443
19.	Shri Mallo Tubin	GB Borum	9612568275
20.	Shri Techi Joseph	GB Sood	8794285019
21.	Shri Techi Epo	GB Popu	9402812038
22.	Shri Tok Ruja	GB Popu	9436666879

Handwritten signature and date: 7/1/22

3. 12-Banderdewa Zilla:

Sl.No	Name	Designation	Contact Num
1.	Shri Biri Taming	ZPM	6901879623
2.	Smti Kipa Yama	GPC, Karsingsa	6902075078
3.	Smti Kipa Nime	GPC, Banderdewa	6909763141
4.	Smti Gichik Peke	GPC, Dobam	9436089180
5.	Smti Dayum Yapek	GPC, Pichola	6900370156
6.	Shri Teli Hormin Camdir	GPM, Niya Namchung	8787510928
7.	Shri Tami Kaki	GPM, Karsingsa-I	9856632452
8.	Shri Gichil Lalin	HGB, Dobum	9862613628
9.	Shri Kipa Ekiong	HGB, Banderdewa	9436692261
10.	Shri Kipa Kecha	GB, Karsingsa	9402822312
11.	Shri Kipa Ekiong	HGB, Banderdewa	9436692261 7896743961
12.	Shri Dari Soping	GB, Pichola	7896743961
13.	Shri Gyamar Kiochak	GB Karsingsa-III	8414096778 9402494948
14.	Shri Gichik Laling	HGB, Dobam	9862613628
15.	Shri Phassang Karo	GB, Banderdewa	9402980615
16.	Shri Debia Dokho	GB, Gorubandha	7896518501
17.	Shri Takam Esso	GPM, Tarajuli	7005532015
18.	Shri Dayum Taw	GB, Tarajuli	8473816104
19.	Smti Tana Yaga	GB, Dollikoto	8474048568
20.	Shri Nabam Taji	GB, Dobam	9436219710
21.	Shri Tache Lombi	GB, Karsingsa	8575748683

(Talo Potom)IAS
Deputy Commissioner cum
Chairman, DDMA,
Capital Itanagar.
Dated Itanagar the 7th Jan'2022

Memo No. DC/ICC/DDMA-53/2016-17
Copy to:

1. The Secy, Disaster Management Govt. of Arunachal Pradesh, Itanagar for information please.
2. The Director, Disaster Management Govt. of Arunachal Pradesh, Itanagar for information please.
3. PA to Deputy Commissioner, Capital Complex Itanagar for information.
4. EAC Ita/Nlg,CO Banderdewa for compliance .
5. All concerned for compliance.
6. Office copy.


(Talo Potom)IAS
Deputy Commissioner cum
Chairman, DDMA,
Capital Itanagar.

Figure 3: Village/Panchayat Level Disaster Management Committee of Capital Itanagar

1.8 Elected Representatives of Itanagar Municipal Corporation

Sl.No.	Name of Corporator	Ward No.	Contact No.
1	Shri Tame Phassang, Hon'ble Mayor	17	9436041622
2	Shri Biri Basang, Deputy Mayor	07	9366186552
3	Shri Lokam Anand	01	9436218979
4	Smti Yagam Jomoh	02	7005332347
5	Shri Gora Talang	03	9436059864
6	Smti Techi Mema	04	8794974654
7	Shri Bamang Taji	05	9436052330
8	Shri Taz Gyamar	06	9366505473
9	Shri Ruhi Tagung	08	9436090233
10	Smti Pakyum Yana	09	7629916349
11	Smti Yukar Yaro	10	8787578451
12	Smti Gida Kanair	11	8132930730
13	Smti Tai Yakia	12	8794864646
14	Shri Tamuk Tagiang	13	8414920240
15	Shri Gyamar Tuvin	14	9862982744
16	Smti Tadar Hanghi	15	9856032052
17	Shri Tarh Achak	16	9436258739
18	Shri Kipa Takum	18	9436897585
19	Shri Tarh Nachung	19	9436269090
20	Shri Arun Kipa Loram	20	7005035578

Table 3: Elected Representatives of Itanagar Municipal Corporation

CHAPTER – II RISK ASSESSMENT AND VULNERABILITY ANALYSIS

2 CHAPTER – II RISK ASSESMENT AND VULNERABILITY ANALYSIS

The entire capital complex is prone to various type of disasters like landslide, flashflood, fire accident and storms etc. The capital has witnessed major flashflood in 2008 during monsoon. Major landslide in 2011 and 2014 where it claimed many lives.

2.2 History of Vulnerability to Various Disaster in the Capital

History of occurrence of natural and manmade disasters in the Capital region of Itanagar is given in Table 2 below.

Year	Loss of lives due to Natural/Manmade Hazards in the Capital Itanagar										Total	
	Landslide		Fire		Flashflood		Earthquake		Other			
	M	F	M	F	M	F	M	F	M	F		
2008	0	0	0	0	3	0	0	0	0	0	0	3
2009	2	0	0	0	0	0	0	0	0	0	0	2
2010	4	0	0	0	0	0	0	0	0	0	0	4
2011	4	0	1	0	0	0	0	0	1	0	0	6
2012	0	0	2	1	0	0	0	0	0	0	0	3
2013	0	0	0	1	1	0	0	0	0	0	0	2
2014	5	2	3	0	0	0	0	0	0	0	0	10
2015	3	0	0	2	0	0	0	0	0	0	0	5
2016	0	0			0	0	0	0	0	0	0	
2017		1	0	0	1	1	0	0	0	0	0	3
2018	9	2	0	0	0	0	0	0	0	0	0	11
2019	0	0	2	2	0	0	0	0	0	0	0	4
2020	2	3	0	0	1	0	0	0	0	0	0	6
2021	30	10	30	25	2	10	0	0	1	5	0	0
2022	4	4	0	0	0	0	0	0	0	0	0	8
2023	0	0	1	0	0	0	0	0	3	0	0	4
2024	0	0	0	0	0	0	0	0	7	1	0	8
2025	0	0	0	0	0	0	0	0	0	0	0	0

Table 4: Loss of lives due to Natural/Manmade Hazards in the Capital Itanagar
*Source: District Emergency Operation Centre, ICR 2022

2.2 Hazard, Risk and Vulnerability

Due to its geo-climatic, geological, and physical features, the Capital Itanagar is very much vulnerable to all-major natural hazards (Drought, Flood, Cyclone, Earthquake, Fire etc.) and Man-made hazards (accident slaw and order etc.)

2.2.1 Earthquake

As per the Seismic Map of India, the entire state of Arunachal Pradesh falls under Seismic Zone V. The vulnerability is high in capital complex due to:

1. Illegal and rapid earth cutting.
2. Unplanned building construction
3. Difficult topography
4. Poor literacy on technical knows- how.
5. Encroachment.
6. Rapid urban growth.

2.2.2 Landslide

Landslides are common feature in capital which can be seen abundantly in the rainy season. The major factors that influence occurrence of landslide are heavy rainfall, forest density, human activities like terrain cutting and filling, geological structure, etc. Every year Capital complex experiences huge loss of properties and lives.



Figure 4: Landslide in the national highway 415 at Itanagar city



Figure 5: Landslide in the trans highway (Yupia Road) at Itanagar city

2.2.3 Vulnerability Analysis

Based on the parameters like rainfall, vegetative cover, land use /land cover/ geomorphology, settlement, and development of roads etc. The region is divided into 5 landslide zones. Very high, high, moderate, low and very low. Almost entire capital falls under zone V.

2.2.4 Flood/Flash flood

All the major rivers and nallas get surged abnormally during the monsoon season causing numbers of landslide, debris slide, mudslide which disrupts the transport and communication in the capital complex. Heavy rainstorms, concentrated runoff and choked drainage are responsible for most of the floods in the Itanagar which marred the beauty of Capital complex.

2.2.4.1 Vulnerability to Flood

The Flood hazard zone is divided into 5 zones:

Severe	0 - 5m	Normally found in flood plain areas will be affected frequently. Crop loss will be more.
Very high	5m-10m	When sudden rainfall and intense rainfall occurs, inter montane and valley are flooded within no time.
High	10m-20m	Normally found in hilly region. Not so safe.
Moderate	20m-40m	Areas which are above 40m above in plain area are safe.
Low	40m-80m	Areas which are above 80m above in plain area are safe.

Table 5: Flood Hazard Zones

Severe flood hazard zones are located along the Pachin and Dikrong rivers in Naharlagun and Banderdewa. Very high, high, moderate and low flood hazard zones are observed as narrow zones on either side of Pachin, Dikrong, Senki river. These zones are in all the circles.

Name of the Rivers/Nallas/Streams

Circle	Name of the stream	Circle	Name of the stream
Itanagar	Daath	Naharlagun/ Banderdewa	Chessa
	Daath Pabung		Dikrong
	Senki		Borum
	Kola Camp Stream		Buk
	Yamso Stream		Pachin
	IG park Stream		Hostalam
	Niti Vihar stream		Tarajuli
	Doni Pabung		Sebi
	Raj Bhawan Stream		Nyorch
	Nyokum Lapang stream		Damsite river
	Modi Rijo		Barapani
	Tingha stream		Kankarnallah
	Donyi Polo		Papu Nallah
	Sanglo Potung stream		Lekhi Nallah
	Rikung Pabung		Chokaso
	Sanglo Pabung		Nirjuly river
	Richi stream		Guni river
	Hoka stream		BichumYogin Nallah
	Buka stream		Gich Nallah
	Birup stream		Kulma river
	Paga Tara Pabung		Karsingsa river
	Pachin		Kundakuwa river
	Dokoso		PTC Nallah
	Chimpu		
	Kongko		
	Anya		
	Laden		
	VKV stream		
	Harik stream		
	Doksho stream		
Zoo stream			
Jami-Jate stream			

Figure 6: Rivers/Streams located within Capital Itanagar
(Source: WRD)



Figure 7: Flash flood leading the deposit of silt sood village

2.2.5 Fire

Fire is the most common disaster which occurs in Capital Itanagar , claiming many lives and properties.

2.2.5.1 Factors of Fire Accident

1. Human error or carelessness
2. Lack of awareness
3. Electric Short circuit



Figure 8: Fire incident in capital Itanagar

2.2.6 Rapid Urbanization and Urban Development Patterns/ Population Explosion

The total geographical area of the Itanagar is 200 sq. km. With rapid rise in urban population every decade, cities are heading for a population explosion and state Government is gearing up to meet the challenges in urban infrastructure. Capital Itanagar is one of the highest urban populated areas being the capital of the state, lacks in adequate infrastructure to meet expanding needs of people who come from districts for higher studies, business, official work, medical treatment etc. Thus, cities may face severe crisis of water supply network, sewerage, solid waste clearance, traffic congestion among other infrastructural requirement.

2.2.7 Climate Change

Managing Climate Change is a major challenge to humanity. In the recent years many miscreants have started burning forest area in and around the capital complex which has become the major issues or attributes to the climate change in capital. In the days to come if forest fire is not controlled it may lead to the many environmental issues.

2.2.8 Man-made Disaster

Man-made disasters are unpredictable and can spread across geographical boundaries. Some disasters in this class are entirely manmade while other may occur because of natural disasters, equipment failures, or workers having inadequate training or fatigue and make errors.

2.3 Vulnerable Areas Identified

2.3.1 Itanagar Circle

Sl. No	VULNERABLE AREA	Prone to
1	Hollongi Roadside	Flood
2	Chimpu Highway area	Flood/erosion
3	Sangey Lhaden Sports Academy Area	Flood/erosion
4	Dokhioso Colony	Landslide
5	Police Check Gate Chimpu	Landslide
6	SIT Colony	Landslide
7	SRPL Colony	Flood/erosion/landslide
8	Economics and Statistics Colony	Landslide/Flash flood
9	Chandranagar DC Office Area	Flood/erosion
10	DNGC College Backside	Landslide/soil erosion
11	Upper Vivek Vihar	Landslide/soil erosion
12	Mowb -I	Landslide/soil erosion
13	Mowb-II	Flood/erosion/landslide
14	Lobi	Landslide/soil erosion
15	Panchali	Landslide/soil erosion
16	Senki View	Landslide/soil erosion
17	Div-IV	Landslide/soil erosion/Flood
18	Abotani Colony	Landslide/soil erosion
19	Dokum Colony	Landslide/soil erosion
20.	Donyi Colony	Landslide/soil erosion
21.	Hill Top Colony	Landslide/soil erosion
22.	A-B Sector	Flash flood/soil erosion
23.	Birup Colony	Landslide/soil erosion
24.	6-Kilo	Landslide/soil erosion
25.	Modirijo	Landslide/soil erosion
26.	Sangloputung	Landslide/soil erosion
27.	Jami-Jate	Flood/erosion/landslide
28.	F&G Sector	Landslide/soil erosion
29.	Donyi Polo Roadside	Landslide/soil erosion
30.	Darya Pahar	Landslide/soil erosion
31.	Nyokum Lapang	Landslide/soil erosion/Flood
32.	ESS Sector	Landslide/soil erosion
33.	Ajin Colony	Landslide/soil erosion
34.	Hadung Colony	Landslide/soil erosion
35.	Jully Basti-Daat, Richi, Pagatara	Landslide/soil erosion
36.	Ganga Basti	Flash flood/soil erosion
37.	IRBN Colony	Landslide/soil erosion
38.	7-D colony	Landslide/soil erosion
39.	VIP Colony Upper Vivek Vihar	Landslide/soil erosion

Table 6: Vulnerable Areas of Itanagar Circle

2.3.3 Banderdewa Circle

Sl.No	VULNERABLE AREA	PRONE TO
1.	Lower Dobom	Flashflood
2.	5/1 Banderdewa	Flashflood
3.	PTC area	Flashflood

Table 8: Vulnerable Areas of Naharlagun Circle

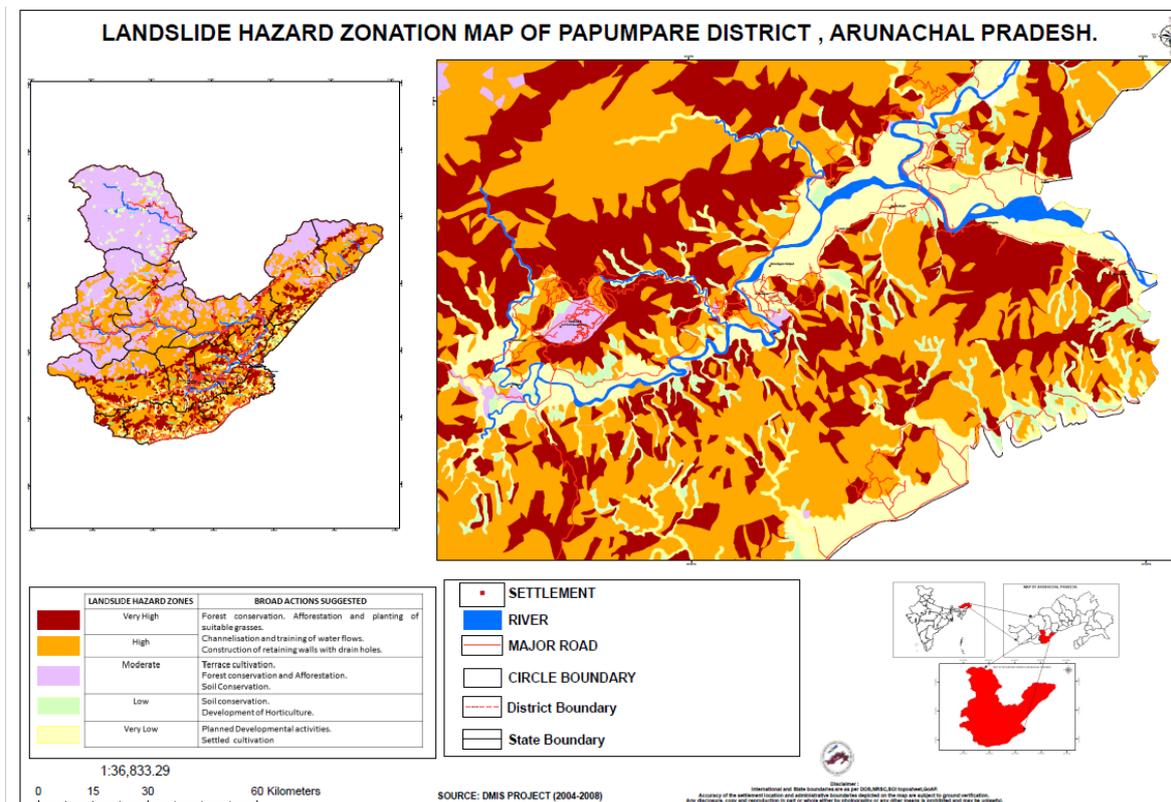


Figure 10: Landslide Hazard Zonation Map of Papumpare District (State Remote Sensing Application Centre)

2.4 Area wise Risk Analysis for Capital complex:

Sl. No	Name of the Circle	Area	Landslide Hazard Zone	Earthquake Hazard Zone	Flood Hazard Zone
	Itanagar	Itanagar	Very High	Moderate	Very High
		Chimpu	Very High	Moderate	Very High
		Bath	Very High	Moderate	Low
		Jollang	Moderate	Low	Low
	Naharlagun	Karsingsha	Moderate	Moderate	Very High
		Naharlagun	Very High	Moderate	Severe
		Lekhi	High	Low	Severe
		Nirjuli	High	Low	Severe
		Papu	Very High	Moderate	High
	Banderdewa	Banderdewa	Moderate	Moderate	High

Table 9: Risk analysis of Capital Itanagar

CHAPTER – III

CAPABILITY ANALYSIS

3 CHAPTER – III: CAPABILITY ANALYSIS

Authentic assessments can make the planner aware of their firmness and wands, so that they can equip themselves with all the required items and materials well in advance. The resources necessary for disaster preparedness during and after disasters that are available in the district are listed below:

3.1 Safe Shelter Places Identified

All the Administrative Officer's Office, Schools, and playground shall be earmarked as safe shelter places in by the concerned Administrative Officer after authentication of the location and condition of those establishments. And following location have been earmarked as safe shelter places

3.1.1 Itanagar area: Safe Shelter

Name of the Centre	Officer in-Charge	Mobile Number
GHSS Auditorium ESS Sector	EAC Itanagar	9402698322
	OC Itanagar	9436055518

Table 10: Contact details of Itanagar Safe Shelter

3.1.2 Naharlagun Area: Safe Shelter

Name of the Centre	Officer in-Charge	Mobile Number
Govt. Middle School Kankarnallah Naharlagun	EAC Naharlagun	8414861239
	OC Naharlagun	9436228583

Table 11: Contact details of Naharlagun Safe Shelter

3.1.3 Banderdewa Area: Safe Shelter

Name of the Centre	Officer in-Charge	Mobile Number
Nikum Niya Hall, Banderdewa	CO Banderdewa	7005826115
	OC Banderdewa	9862923451

Table 12: Contact details of Banderdewa Safe Shelter

3.1.4 Anganwadi Centers

Division	No. of Anganwadi Centres	Name and Contact details of CDPOs
Itanagar	81	Jaya Taba - 8415925313
Naharlagun	70	Punung Moying -9856929945
Nirjuli & Banderdewa	40	Tana Chammaro -9402708022

Table 13: Contact Details of Anganwadi Centres of Capital Itanagar

3.1.5 Details of Schools

Sl. No	Circle	GPS	GMS	GSS	GHSS	Private/ residential
1.	Itanagar	25	14	4	3	44
2.	Naharlagun	12	12	3	2	36
	Total	37	26	7	5	75

Table 14: Number of Schools under Capital Itanagar
(Source: DDSE)

3.1.6 List of Police Stations

Sl. No	Location	Officer with Contact No.
1.	Itanagar PS	Landline: 0360-2212233 Officer-in-Charge: 8974127542
2.	Chimpu PS	Officer-in-Charge:7042036078/8798127422
3.	Niti Vihar PS	Officer-in-Charge:8798127423
4.	Naharlagun PS	Landline: 0360-224432 Officer-in-Charge: 7085311066
5.	Papunallah PS	Officer-in-Charge:8729001948
6.	Banderdewa PS	Landline: 0360-226636 Officer-in-Charge: 9874154089
7.	Nirjuli PS	Officer-in-Charge:-9436042190
8.	Women PS Itanagar	Officer-in-Charge: 8414062255

Table 15: List of Police Station with contact details of Officer-in-Charge
(Source: SP Office, Itanagar)

3.1.7 List of Health Facilities:

3.1.7.1 Naharlagun

Sl. No	Name of Health Facility	In-charge	Contact
1	PTC Banderdewa, HEALTH UNIT	Dr.Kajing Borang	9436222666
2	DURPANG HWC/SC	Kenbom Gapak	7085771105
3	PICHOLA HWC/SC	Pura Usha, HWO	8119091561
4	UPHC KARSINGSA	Dr.Mousmi Lokham	8974737661
5	UPPER DOBOM SC	Non- Functional	
6	UPHC Rakap	Dr. Tilling Gambo	8131847800
7	HWC/SC Borum	Nada Sunya, HWO	8761858262

8	HWC/SC PACHIN	Radhe Yabo, HWO	7628924946
9	PAPU SC	Dr. Minnim Pankam, CHO	9158970648
10	Nirjuli SC	Nabam Yapun, HWO	9402066344
11	MODEL VILLAGE SC	Non- functional	
12	SOOD SC	Non- Functional	

Table 16: List of Health Centres in Naharlagun Circle

3.1.7.2 Itanagar

Sl. No	Name of Health Facility	In-charge	Contact
1	ITAFORT UPHC	Dr.Kabak Tamar	9862237715
2	HWC/SC LOBI	Bater Kamcham, HWO	8732825595
3	SC MOWB-II	Non- Functional	
4	SC MODIRIJO	Charu Ruja, MI	9402752809
5	HWC/SC GANGA	Anne Dakpe, HWO	8794249520
6	HWC/SC JULLANG	Junnuma Mortem, HWO	9402619437
7	SC APPBn	Dr.Papi Gungli	8698089078
8	SC JULLANG JAIL	Dr.Millo Apo	8258978034
9	RAJ BHAWAN DISPENSARY	Dr. Jennifer Tayeng	9436048425

Table 17: List of Health Centres in Itanagar Circle

(Source: DMO Capital)

CHAPTER – IV
MITIGATION AND
PREPAREDNESS PLAN

4 CHAPTER – IV: MITIGATION AND PREPAREDNESS PLAN

Pre-disaster planning consists of activities such as disaster mitigation and disaster preparedness. Disaster mitigation focuses on the hazard that causes the disaster and tries to eliminate or considerably reduce its direct effects. The best example of mitigation is the construction of embankments and construction of proper drainage system in flood prone areas to avoid floods. The other example includes retrofitting of weak buildings to make them earthquake resistant.

And preparedness focuses on plans to respond to a disaster threat or occurrence. It considers an estimation of emergency needs and identifies the resources to meet the needs. The first objective of the preparedness is to reduce the disaster impact through appropriate actions and improve the capacity of those who are likely to be affected most. The second is to ensure that ongoing development continues to improve the capacities and capabilities of the system to strengthen preparedness efforts at community level. Finally, it guides reconstruction so as to ensure reduction in vulnerability. The best example of preparedness activities are the development of community awareness and sensitization system through community education and administrative preparedness by way of stockpiling of supplies, developing emergency plans for rescue and relief.

4.1 Specific Disaster Mitigation Measures

4.1.1 Earthquakes

Capital Complex falls under earthquake zone – V the most vulnerable area in case of any earthquake occurrence, so following mitigation measures should be taken to reduce the impact of earthquake: -

- Adoption of building codes for new construction in various areas.
- Public utility buildings must be located in stable areas or in stiff soil.
- Retrofitting of weak structures.
- Relocation of people settled in the steep slope areas and near the river bank.

4.1.2 Flood Mitigation

Flood mitigation refers to the measures aimed at prevention and preparedness. It reduces the actual or probable impact of floods on the people and their environment. Urban Floods are very common in Capital because of improper drainage. The main causes of these floods may be:

- Obstruction in drainage system due to heavy rainfall.
- Increase in siltation in riverbeds due to erosion in the catchment areas.
- Change of river course because of poor natural drainage system.

The mitigation measures should be oriented to take proper care of these problems and thus will automatically reduce the impact of flood in the district. The various measures adopted for flood mitigation may be categorized in two groups structural and non-structural.

4.1.3 Structural

- Construction of embankments / floodwalls along the river bank and improvement of the channel (by WRD).
- Construction of drainage system in the town and other parts (by PWD/UD).
- Careful location of new facilities, particularly community facilities such as schools, hospitals and other important infrastructure away from flood prone areas.

4.1.4 Non-structural

- Collection of daily rainfall data (by WRD).
- Flood forecasting and warning (by WRD & General Administration, IMD).
- Prepare detailed floodplain map of the district, based on extent of land submerged, and assessment of damages. Analyze how the pattern of flooding has changed over a period of time (by WRD & GA).
- Plantation in the catchment areas and landslide zone to check soil erosion (by forest dept).
- Preparation of DDMP and awareness programme through IEC (information, education & communication by GA).

4.1.5 Cyclonic storm

Cyclonic storm is annual feature during pre-monsoon season (March-May) causing widespread damage to the crop and other properties. The main mitigation strategies for storm hazards are a well-informed public and an effective warning system. The following mitigation measures can be adopted to reduce the impact of cyclonic storm: -

- Location of key facilities in leeward sides of hill/ less vulnerable areas (by District Administration and Land Management).
- Planting windbreaks in the most vulnerable locations (by DFO).
- Construction of strong, wind safe public buildings which can be used for community shelter in settlements (by UD & PWD).
- Crops can be protected by introducing agricultural practices and cultivation of those crops which are more resistant to high winds (Agriculture & Horticulture

Dept.).

- Compilation of meteorological data for forecasting of storm (By Dept concerned).
- Public dissemination of information through mass media, poster campaigns and village meetings (by District Administration/IPR)

4.1.6 Landslide

Landslide is most common which wipes out crop, agriculture field, irrigation channel, roads and bridges and other infrastructures, though loss of Human lives and livestock. Landslide can be caused by poor ground conditions, geomorphic phenomena, natural physical forces, improper land use pattern and quite often due to heavy spells of rainfall coupled with obstructed drainage. The chief mitigation measures to be adopted in the district are: -

- Correction of drainage systems in the landslide prone areas by maintenance of natural drainage channels both micro and macro in vulnerable slopes (by PWD/UD).
- Regulation of land use pattern (Land Management).
- Afforestation of areas occupied by degraded vegetation (by DFO (T)).
- Re-location of settlements that are in the landslide prone areas (by GA).
- Construction of gabion structure in important areas (by WRD/PWD/UD).
- Creation of awareness among local people (by GA).
- Regular observation of rainfall pattern (by WRD).

4.1.7 Fire Accident

Fire accident is the most common mishap, causing regular threat to the people and their properties. The compact settlements and short circuit due to improper wiring is the main cause of fire accident. The following mitigation measures may be taken up to contain fire accident: -

- Installation of fire extinguisher cylinders in all institutions (by concerned institutes).
- Construction of fire hydrant in fire prone areas (by PHED/Police/GA).
- Installation of fire warning systems in community facilities such as in school and hospitals (by concerned institutes).
- Attachment of thatch houses in Govt. buildings should be prohibited (by GA).
- Awareness about the causes of fire accident in rural areas and motivate the villagers to construct their houses at sufficient distance from one another (by GA/PRI).

4.1.8 Forest Fire:

Forest fire is also a major calamity causing widespread damage to flora and fauna in the area. Following measures should be adopted to deal with this calamity:

- Deployment of forest watcher in strategic locations with wireless set (by Forest Dept.).
- Awareness to the local people about forest fire and importance of flora and fauna.

4.1.9 Epidemics:

The Health Department & Veterinary dept is the nodal agency responsible for monitoring and control of epidemics. Mitigation measures for control of epidemics would include:

- Identification of areas prone to certain epidemics must be updated to access field requirements (by DMO & DVO).
- Testing laboratories in district hospital must be well equipped and updated (by DMO).
- Regular flow of data from both government establishment and NGOs run hospitals (by DA).
- Analyzing and collating the data at regular intervals to access epidemiological monitoring requirements (by DMO/DVO).
- Awareness campaign to the PRI members, students and the villagers about various kinds of disease and their causes that are prevalent in the area (by DMO/DVO/DA).

4.1.10 Road accidents:

Many lives were lost and casualties are reported annually due to road accident, which is cause due to reckless driving and poor road conditions. The following measures may be adopted to mitigate road accidents: -

- Strict implementation of motor vehicle Act (by Police).
- Installation of traffic sign boards (by Police/DDMA/Highways).
- Carry of First Aid Box in every vehicle must be made mandatory (by Police/DTO (transport)).
- Insurance of all vehicles must be updated (by Police).
- Awareness about traffic rules should be imparted to all drivers and commuters through IEC (by police).

4.2 District Disaster Management Authority

The District Disaster Management Authority will be headed by the DC and there will be 7 (seven) members for the implementation of the plan. The District Disaster Management Authority will identify the high-risk areas and vulnerable groups of population in the district. It will bring together the collective strength and resources of the government and NGOs in addressing all the needs of disaster prevention, preparedness, response and mitigation. The Authority will ensure the participation and accountability of all the departments in dealing with disasters.

4.2.1 Training of Functionaries

The district administration should arrange periodical training programmes for all concerned departments. The programmes may be organized at district headquarters or at Block Headquarters and select officials may be sent training at state/ national training centers. These trained officials should be entrusted to train other lower-level officials and panchayat representatives. Training camps may be organized at district level in which experts may be invited from reputed institutes.

4.2.2 Simulation exercises/ Mock Drill

Periodic simulation exercises may be carried out to test the preparedness of all concerned role players. Drills may be carried out at various sites i.e Hospital, Offices, Schools, Markets etc. The shortcomings and weaknesses observed during this must be identified and eradicated with proper and timely action.

4.2.3 Plan Evaluation

The purpose of evaluation of DDMP is to determine:

- The adequacy of resources
- Coordination between various agencies
- Community participation
- Partnership with NGOs

The ease of understanding and using the plan will also be important consideration. The plan will be updated when shortcomings are observed in: -

- Organizational structures
- Available technologies
- Response mechanism following reports on drills or exercises

4.2.4 Dissemination of DDMP

The responsibility for dissemination of the plan is vested with District Control Room under DC's supervision. For the DDMP to be effective it must be disseminated

at two levels:

- To the district authorities, government departments, NGOs and other agencies and institutions within the district.
- To general public.

4.2.5 Plan Update

The DDMP is a “*Reference Handbook*” and the Deputy Commissioner will ensure updating it every year by April, taking into consideration: -

- The resource requirements
- Updates on human resources
- Technology to be used
- Coordination issues

The soft copy of the DDMP will be with the District Control Room, which will ease the process of updating the DDMP regularly. All the line departments at the district level should have a latest copy of the DDMP with them. A training programme on different disaster preparedness measures should be organized by the member convener of the District Disaster Management Authority during the month of April/May every year.

CHAPTER – V: RESPONSE PLAN

5 CHAPTER – V: RESPONSE PLAN

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

Since response is conducted during periods of high stress in a highly time-constrained environment and with limited information and resources (in majority of the cases), it is by far, the most complex of four functions of disaster management.

5.1 Approach

The approach is to ensure that those agencies or Dept which are responsible for providing emergency response service will adopt systematic, planned and coordinated approach to carry out the task in every effective way.

5.2 Resource Support

The three-tier framework: Circle, District and state. Where an agency or Dept requires resources beyond its own capacity to complete the task, it will seek assistance from higher level. If capacity to cope disaster is beyond local level, via CO/EAC to DC. At district level if it cannot be met it will further request to the State Level (SEC). If request cannot be satisfied from resource within the state, SEC will seek central or external assistance.

The District Administration and Department of Disaster Management is the Nodal Department for controlling, monitoring and directing measures for organizing rescue, relief and rehabilitation. All other concerned line departments should extend full cooperation in all matters pertaining to the response management of the disaster whenever it occurs. DEOC, police control and other control rooms as well should be activated with full strength.

5.3 Response Activities:

5.3.1 Warning

Disasters which can be predicted (like flood, drought, cyclone epidemics etc.) can be forewarned through proper warning mechanism. Advanced technology like remote sensing, GIS etc have made prediction about imminent disasters specially weather more precise and reliable. Warning given should be clear and at the earliest in vulnerable pockets, about what to do before any impending disasters.

On the receipt of warning or alert from any agency which is competent to issue a warning, or based on reports from Collector of the occurrence of a disaster, the response structure will be put into operation the Deputy Commissioner will assume

the role of the Chief of Operations during the emergency situation.

The details of agencies competent enough for issuing warning or alert pertaining to various types of disasters are given below;

Disaster	Agencies
Earthquakes	IMD, ISR
Floods	IMD
Cyclones	IMD
Drought	IMD, Agriculture Dept. , Irrigation Dept.
Epidemics	Health & Family Welfare
Industrial & Chemical Accidents	Industry, Labour
Fire	Fire & Safety

Table 18: Agencies competent enough for issuing warning or alert

This system of warning may be given through mediums like Whatsaap, Social media, PA System Announcement etc. On receipt of the warning all ESF will be systematically activated for response activities at the earliest.

5.3.2 Evacuation

Emergency evacuation is the immediate and urgent movement of people away from the threat or actual occurrence of a hazard.

Legal And Operational Consideration: The decision or order to evacuate rest on District Magistrate based on the report received from ground level. Once the decision is made the admin officer with police will be responsible for carrying out the evacuation process.

Process: Evacuated people will be taken to safe shelter places or emergency relief shelter as per DM plan or the place identified already.

Operating Procedure for Evacuation:

- Safe shelters should be identified
- Alternate routes to be planned in advance
- Evacuation to be carried with the assistance of Police, Fire Brigade, Local community leaders for security, law & order.
- Care should be taken to evacuate the family as a unit, consideration should be there while evacuating seriously injured and sick, children, women, physically challenged, old and others.

5.3.3 Emergency Operation Centre

Emergency Operation Center (EOC) is a physical location and normally includes the space, facilities, and protection necessary for communication, collaboration, coordination and emergency information management.

The EOC will be the hub of activity in a disaster situation. This is however, not to underestimate its normal time activities. The EOC, the key organizational structure, is flexible to expand when demand increases, and contracts when the situation comes to normal.

5.3.4 Activation of EOC

The EOC is a nodal point for the overall coordination and control of relief work.

5.3.5 The primary function of an EOC

- Receive, monitor, and assess disaster information.
- Keep track of available resources.
- Monitor, assess, and track response units and resource requests.
- Manage resource deployment for optimal usage.
- Make policy decisions and proclaim local emergencies as needed.
- 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.
- Provide recovery assistance in response to the situations and available resources
- Keep senior, subordinate and tenant officials informed.
- Keep local jurisdictions (Village/town/City, circle & District) informed.
- Operate a message center to log and post all key disaster information.
- Develop and disseminate public information warnings and instructions.
- Provide information to the news media.
- Manage donation / aids.
- Supply of information to the state government.

5.3.6 Command & Control of EOCs

The EOC, its system, and procedures are designed in such a way that information can be promptly assessed and relayed to concerned parties. Immediate dissemination of information contributes to quick response and effective decision-making during emergency. Being the main coordination and control point for all disaster specific efforts, the EOC is the place of decision-making, under a unified command.

The EOC in normal circumstances will work under the supervision of Deputy Commissioner. It is the nerve centre to support, co-ordinate and monitor the disaster management activities. In a disaster situation, the EOC will come under the direct control of DC or any other person designated by the Administrator as Chief of Operations.

5.3.7 Facilities with EOC

Presently, the Emergency Operations Centre is equipped with computer related. In future, EOC would include a well-designed control room with workstation, wire-less communication, hotlines and intercoms etc. Following other facilities will be made available within the EOC:

- A databank of resources, action plans, and state and district disaster Management plans, Community preparedness plans would be maintained at EOC.
- Maps indicating vulnerable areas, identified shelters, communication link system with state government and inter and intra district departments would strengthen.
- Inventory of manpower resources with address, telephone numbers of key contact persons have to be maintained.
- EOC will have provision of desk arrangements in advance
- Frequently required important phone numbers would be displayed on the walls so that they can be referred. Other phones and addresses would be kept under an easy retrieval and cross-referring system
- Reconstruction/ Retrofitting of building will be done so that it can remain operational during disaster also.
- EOC will be made operational for 24 hours with the help of Police, Fire Department.

5.3.7.1. Communication Room (Main Message Room)

The police wireless system should be in contact with EOC. In addition to those following facilities would be available in the communication room:

- Telephones, fax (Already provided) and intercoms units for contact within the Commissioner
- Civil wireless network (up to *Circle* level-suggested)
- Two computers set with internet and printer facility and photocopying machine (in Placed)

- Help lines numbers will be setup for emergency related queries (Activated).

5.3.7.2. Transport Facility

A Bolero jeep with wireless communication may be assigned to the EOC for normal times. Additional vehicles may be requisitioned during the emergency.

5.3.7.3. EOC Staffing/Manning EOC

Manning of EOC is required for making EOC operational during and post disaster situation. In Capital there would be a need of keeping adequate staff. There is a need of regular staff, staff-on requirement and staff-on disaster duty. Regular staff is required to man communication room on 24 hours. Staff on call can be acquired immediately on requirement. Two officers can be appointed during emergency. Staff on disaster duty can be appointed by Deputy Commissioner.

5.3.7.4. Assembly in Control Room:

Following staffs and officers shall assemble in the control room on getting any information from any source about the emergency situation. Apart from these any officer or staffs who get the information from any other sources will reach/inform the control room immediately for further onward actions. All members of DDMA/ Stakeholders and staffs of the Emergency section, and other staffs as desired by the DC.

The Control Room will act as the nerve center office for the district to tackle the emergency situations and the staffs will coordinate with the line departments for timely response in Disaster Preparedness and Management at the District level.

5.3.7.5. Co-ordination structure of EOC

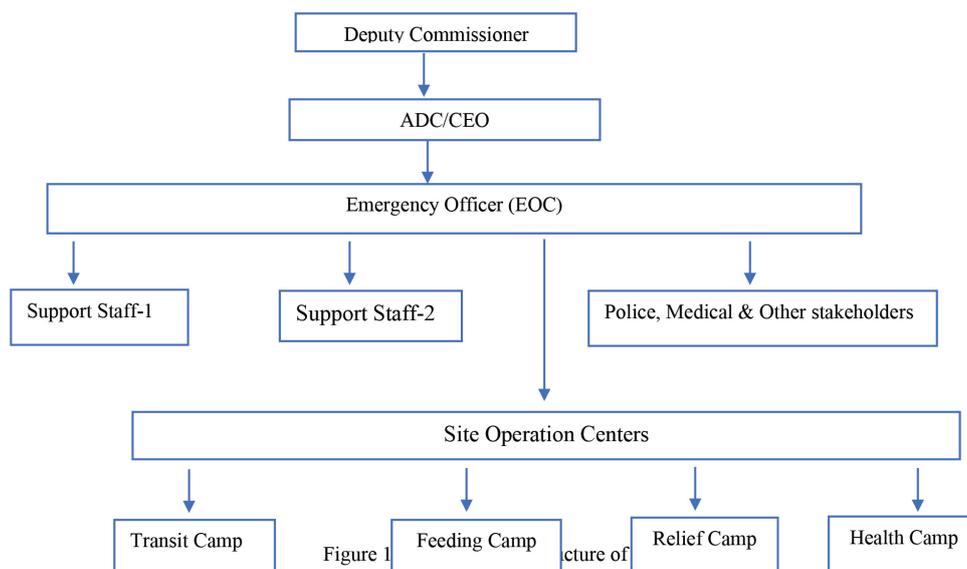


Figure 11: Co-ordinating structure of EOC

**CHAPTER –VI:
EMERGENCY RESPONSE
STRUCTURE**

6 CHAPTER –VI: EMERGENCY RESPONSE STRUCTURE

6.1 Role and responsibilities

Role and responsibilities of concerned departments during times of emergencies are given in Table 17

Sl. No	Officers	Responsibilities
1.	Deputy Commissioner	<ol style="list-style-type: none"> 1. Emergency Meeting 2. Overall disaster management 3. Fixation of Responsibilities to different official 4. Instruction to block/Circle level Officials.
2.	SP	<ol style="list-style-type: none"> 1. Interaction with DC and other official regarding situations. 2. Placement of Forces for relief operation. 3. Maintains of Law and Order.
3.	DMO	<ol style="list-style-type: none"> 1. Stock and storage of medicine at different points as well as in sub points. 2. Charge distribution and deployment of different staffs for speedier health services 3. Temporary Distribution points as well as setting up of delivery mechanism. 4. Vehicle deployment and establish of mobile Vans/ Ambulances.
4.	Emergency Officer	<ol style="list-style-type: none"> 1. Control Room and allied functions. 2. Assist the DC. 3. Collection of statistics and compilation of reports and returns.
5.	DF&CSO	<ol style="list-style-type: none"> 1. Collection & diversion of food and other materials for affected area 2. Stock positions at different locations.
6.	SP (Fire)	Deployment of Fire Brigade in case of Fire Accident
7.	DTO/MVI	<ol style="list-style-type: none"> 1. Requisition of vehicle 2. Allocation of duty to vehicle and issue POL
8.	DIPRO	<ol style="list-style-type: none"> 1. Information and Communication facilities. 2. Warning dissemination. 3. Setting of temporary installations for Communication.

9.	DD ICDS	<p>1. Allocation of duty to area to voluntary Organization after consultation with Collector.</p> <p>2. Organizing Relief Materials for Resource Tracking.</p>
10.	Technical Dept.	Concerns dept in their Respective areas

Table 19: Role and Responsibilities of concern departments

6.2 Desk arrangement

In case of emergency Deputy Commissioner and other team members would be present round the clock in the office in EOC. Senior officers should be appointed in the capacity of desk officers for maintaining coordination for Emergency Support functions:

6.3 Co-ordinational Roles of Disaster Management Key Officials

6.3.1 Actions by the Deputy Commissioner

The Deputy Commissioner will be Response Coordinator at the District level. He will be responsible to the SEC for the effective coordination of resources or services within the district. The roles and responsibilities and duties of Deputy Commissioners are:

- Operationalize the EOC
- Undertake assessment of situation
- Co-ordinate with ESF dept. Agencies for provisional of Emergency relief and supply.
- Alert the public about existing and potential dangers arising from emergency.
- Analyze the need for evacuation
- Review/dispatch situation reports to the SEC.

In the event of imminent Disaster, the following actions are to be taken are:

- Set up information desk at critical locations
- All concerns officers of Disaster Management, PHE, Agriculture, Veterinary, Police, Power, Telecom, PWD, Food & Civil Supply, Transport to be called to fulfilled tier respective ESF Functions.

- Concerned Departments will be directed to get ready with emergency tools, kits and necessary personnel.
- It will be ensured that all officers remain in headquarters until the situation gets back to normal.
- Arrangements for generators, radios, batteries, extra vehicles, satellite phones.
- Assessment of relief materials requires will be made.
- Stock piling of essential commodities.

6.4 Emergency Support Function (ESFs) in Managing Response to Disaster

The ESFs, comprising of various supporting agencies/deptts will manage and coordinate specific kinds of assistance which are common to all types of disasters. For each ESF there will be a lead department or agency responsible for the delivery of goods and services to the disaster area. These lead agencies could be supported by other departments/agencies. The proposed agencies performing the ESFs will identify requirements, mobilize and deploy resources to the affected areas and assist the district in their response action under ESFs.

The ESFs will come into operation on either receipt of warning of an expected calamity or in the event of sudden emergency. The responsibilities and details of the primary and support agencies for each type of ESFS are given below:

TABLE-A

1. Early Warning	<ul style="list-style-type: none"> ▪ Setting up Control Room/Emergency Operation Centre round the clock. ▪ Arrangement of vehicle and sound system for dissemination of information. ▪ Proper record keeping and transmission of information to all level. ▪ Ensure functioning of warning system and Communication system. ▪ Create awareness with the target groups.
2.Evacuation	<ul style="list-style-type: none"> ▪ To warn people about impending danger & to leave for safe places. Mobilize people to go to identified/safe shelters. ▪ Organise training task force members. ▪ To co-ordinate with Civil Defence,NGOs and Paramilitary and Police for support. ▪ Arrangement & deployment of evacuation equipments. ▪ Evacuate people of marooned areas and administer emergent relief. ▪ Deployment of Police fir maintaining law & order and peace during evacuation.

3. Search & Rescue	<ul style="list-style-type: none"> ▪ Deployment of Police/Fire Brigade for Search and Rescue. ▪ Co-ordination with NCC/NSS/and other Para Military force for Search and Rescue. ▪ Ensure availability of the rescue materials ▪ Prepare inventory of shelter places and map indicating the shelter centers. ▪ Provide rescue kits at risk areas.
4. Medical Aid	<ul style="list-style-type: none"> ▪ Deployment of Medical staff. ▪ Stock piling of life saving drugs/ORS packets/Halogen tablets. ▪ Protocol on Medical aid ▪ Treatment of the injured persons and transportation of injured persons to the hospitals. ▪ Awareness message to stop the outbreaks of epidemics after disaster. ▪ Disease surveillance and transmission of reports to the higher authorities on a daily basis. ▪ Vaccination ▪ Constitute mobile team and visit the worst affected areas. ▪ Disinfections of drinking water resources. ▪ Identification of site operation camps. ▪ To obtain/transmit information on natural calamities to EOC. ▪ Arrangement of fodder/medicines for the animal's vaccination. ▪ Carcass disposal
5 - Shelter Management	<ul style="list-style-type: none"> ▪ Identification of shelter/temporary shelter at appropriate places and arrangements of tents. ▪ Arrangement of food/drinking water/medicine in the shelter for animals. ▪ Providing lightning facilities at shelter places. ▪ Arrangement of transportation. ▪ Arrangement of safe shelter for animals. ▪ Temporary supply of safe drinking water.
6-Water Supply and sanitation	<ul style="list-style-type: none"> ▪ Ensuring supply of safe drinking water arrangement for supply of safe drinking water. ▪ Disinfectant for purification of water. ▪ Arrangement of mobile team and assigning specific operational area for supply of water.
7-Infrastructure Restoration	<ul style="list-style-type: none"> ▪ Formation of Task Force with specific equipment. ▪ Immediate cleaning of debris along the road to assist relief works. ▪ Towing vehicles, earth moving equipment, cranes, construct temporary roads. ▪ Damage assessment & monitoring.

Table 20: Emergency Support Function (ESFs) in Managing Response to Disaster

TABLE-B

ESF. No.	Service Function	Primary Agencies	Support Agencies	Nodal Agencies
1	Communication	Police Dist.Admin.	S.P signals Doordarshan Radio BSNL Private Mobile Operator	DDMA DEC
2.	Public Health	PHe.D Dist.Admin	Health Dept. Transport NGOs	DDMA DEC
3.	Transport	Transport Dept. TPT. Branch	Privates NGOs	DDMA DEC
4.	Power	Dept.of Power	Army NDRF SDRF	DDMA DEC
5.	Search & Rescue, Evacuation	Police Dist.Admin	Fire Brigade SDRF NDRF	DDMA DEC
6.	Restoration of Infrastructure	PWD	All work Dept.	DDMA DEC
7.	Relief Supplies and Food	Food & Civil supplies Dist .Admin	Dept. Transport ICDS	DDMA DEC
8.	Water supply and Sanitation	PHED Dist.Admin	WRD UD	DDMA DEC
9.	Animal Health	Animal Husbandry & Vety. Dist.Admin	NGOs	DDMA DEC
10.	Shelter	PWD Dist. Administration	Urban Dev & Housing	DDMA DEC
11.	Media	IPR Dist. Admin	DM Dpt.	DDMA DEC
12.	Law & Order	Police	General admin	DDMA DEC
13.	Damage Assessment	DM Deptt.	All Deptt.	DDMA DEC

Table 21: Role and Responsibilities under Emergency Support Function (ESFs) in Managing Response to Disaster

6.5 Role and Responsibilities

6.5.1 Warning and Mobilization of Resources

The Deputy Commissioner is the Chairman to exercise emergency power in

issuing directives to all the departments and outpost administrative centers to provide emergency response services. He should immediately mobilize emergency personnel and resources, whenever there is a threat of natural or man-made disaster. If required he will alert SDRF, NDRF & Army & Para-military forces for assistance and help.

The district administration must issue warning and take protective action simultaneously. It involves making provisions to protect the public from harm. Warning must be issued through the government employees at the local level, public announcements and all the channels of media such as newspapers, radio and television.

It should actively coordinate all the resources available in the district, through the District Control Room. The District Control Room can serve as an effective communications center, information clearing house, a channel of all directions and instructions. The DDMO is the nodal officer and in-charge of the District Control Room. During disaster all the Outpost Administrative Offices will automatically function as Control Room for dissemination of information from district headquarter to outpost center and vice versa. The concerned Administrative Officer will liaise with all line departments and the villagers for the smooth operation of relief and rescue during and after disaster.

6.5.2 Search and Rescue/ Maintenance of Law & order

The Search and Rescue Team will be led by the Superintendent of Police. If the Police do not have the adequate strength for dealing with the situation, the help other stakeholders will be requested. Dissemination of early warnings through wireless network will be their responsibility. The traffic police should ensure that there is no traffic jam. They will identify roads, which are to be made one-way, or to be blocked, or where alternate routes are to be provided and will divert traffic whenever necessary. They will provide security in relief camps and temporary shelters and identify areas that need to be cordoned off.

6.5.3 Road Communications:

The PWD and Trans Arunachal Highway construction companies will initiate early clearance of road blockage by mobilizing local resource and man power. Also, removal of debris, demolition of unsafe structures, construction of temporary shelter, temporary bridge including temporary helipad for evacuation of injured.

6.5.4 Drinking Water:

They will initiate action for restoration of clean drinking water supply during and after occurrence of any disaster and distribute chlorine tablets and bleaching powders for purification of drinking water. They will also ensure deployment of departmental vehicles and laborers.

6.5.5 Arrangement of Essential commodities and Air Evacuation:

Food/ Ration and essential commodities will be provided from the nearest FPS/ CPO centers and cooperative Stores. The DF&CSO and outpost Administrative Officers concern will ensure maintaining of minimum stock of rice at FPS, CPOs and Cooperative outlets located in the district for use during exigencies are being insisted. The Local shopkeepers are also being encouraged to keep adequate stock of essential commodities. DF&CSO will also liaise with the DCA Naharlagun for air lifting of the marooned people.

6.5.6 Mass Media and Information Dissemination:

The most critical factor for the success of disaster management plan is sustained information campaign. So, an information center will be setup in the District Control Room through which all the information can be made available. It should be manned round the clock to provide information to the people on a continuous basis.

Mass communication in time of disaster will be entrusted to DIPRO and DIO they will provide information to the public about precautionary measures during disaster, relief camps, cattle camps, health centers, the important phone numbers, about roads and bridges which are functional for the movement of traffic and relief supplies and about gratuitous relief, and other recovery assistance through newspapers, TV Transmission Centre, AIR Station, and local cable TV operators. They will make public announcements where people have to be warned immediately.

6.5.7 Volunteers:

The NCC / NSSCommunity volunteers/ any other organizations will assist in establishment of relief/shelter camp during disaster. In total, all the Authority Members, Public leaders, NGOs and Senior citizen of the area should give their cooperation to the local administration in mitigating all kind of disaster with man power, materials and technical knowledge. Foresters with their equipment will ensure early warning system in the respective beats through walkie-talkies if available. During fire hazards forester can make use of firefighting equipment to contain wild and man-made fires. The DDSE and DFO will ensure the participation of volunteers during any disaster.

6.5.8 Medical Facilities:

First Aid and lifesaving drugs and other medicines shall be provided through nearest CHCs and Health Sub-Centers. The DMO will make sure that minimum stocks of life saving drugs be maintained in all the existing health care centers. Their assigned duty is to care for the health aspect during and after the occurrence of disaster. It includes First Aid, treatment of casualties and readiness of ambulance for evacuation of serious patient. Equip all the mobile health units with necessary medicines and first aid kit and press into operation. Assign medical personnel with the first aid kit to assist

the search and rescue teams if necessary. They shall also inform all Doctors & Para Medical staff of all CHCs, PHCs, SCs of the district. The Army and CRPF authorities should be liaise to provide emergency care if required.

6.5.9 Veterinary Care:

DVO will ensure setting up of cattle camp providing medicine etc to the affected animals during or after occurrence of any kind of natural disaster or epidemic. The VO and VFA posted in different locations in the district should be instructed to setup veterinary care/cattle camp at their respective place of posting.

6.5.10 Establishment of Relief Camp:

DDSE and DD (ICDS) is the overall in charge of establishment of relief camps in the notified safe shelter places. They will liaise with all concern departments for essential services in the camp viz. medicine, water, food electricity, cloths etc. Relief camps already identified will be set up with the following facilities: -

- The First Aid Team/ Mobile Medical Service Team from the nearest Health Centers will be rushed to the Relief camps: - Action by DMO. He will also arrange adequate supply of essential medicines.
- Food, Clothes and other essential commodities will be supplied to the relief camps: - Action by DSO (Supply) and EAC (Relief).
- Drinking water will be provided at the camps by the EE (PHE & WS).
- Electricity provisions will be made available at the camps by the concerned department under the command of EE (Power)of respective division.
- Record of relief items received and numbers of marooned people evacuated to the camps, issue of rations items to affected people, welfare of the victims etc, will be managed by the in charge of relief camp ie, DDSE and DD (ICDS) who are supposed to coordinate and supervise the whole operation. He will also arrange immediate relief to the affected persons and coordinate help from the NGOs, voluntary groups etc.

6.5.11 Maintenance of Cleanliness:

Cleanliness is one of the major requirements after occurrence of disaster to prevent spread of epidemic and other health hazards. The DD (UD& housing), should kept their manpower / inventory in readiness. District administration will also help in cleaning by organizing mass social service.

6.6 Rapid Response Team from Health Department

6.6.1 Team of Health workers

A. TEAM OF RAKAP UPHC NAHARLAGUN AREAS:			
Sl. No.	NAME	DESIGNATION	CONTACT NUMBER
1	Dr. Tilling Gambo	MOi/c	Team Leader
2	Dr. Deba Karbak	MO	8131847800
3	Smti Nido Meena	Nursing Officer	
4	Ms. Nabam Punia	ANM	
5	Shri Koj Tatung	DHV	
6	Smti. Nabam Yanang	SA	
B. TEAM KARSINGSA/ NIRJULI/LEKHI ADJACENT AREAS:			
1	Dr. Musami Lokam	Moi/c	Team Leader
2	Dr. Dammy Gamlin Taba	MO	8974737661
3	Smti. Kangam Haji	ANM	
4	Miss. Nabam Punia	ANM	
5	Shri. Kapa Bagang	RFW	
6	Smti. Ligang Yami	FA	
C. TEAM ITANAGAR/RKM/CHANDARNAGAR ADJACENT AREAS:			
1	Dr.Kabak Tamar	Moi/c	Team Leader
2	Dr.Menbom Miji	MO	9862237715
3	Smti. Tobom Riba	Nursing Officer	
4	Smti. Maga Hompu	Nursing officer	
5	Smti. Anu Haning Romching	MPW	
6	Shri A Potom	DHV	
D. TEAM CHIMPU/GANGA/PHQ ADJACENT AREAS:			
1	Dr.Tabing Nabam	Moi/c	Team Leader
2	Dr.Kipa Jitu	MO	7085758528
3	Ms. Tech Nomita	Nursing Officer	
4	Mrs. Taba Tarang	Mursing officer	
5	Smti. Yane Dui	SA	
6	Smti. Yania Soki	RFW	
E. TEAM BANDERDEWA PTC/DURPANG/ PICHOLA ADJACENT AREAS:			
1	Dr.Kajing Borang	Moi/c	Team Leader
2	Dr. Nani Aku	MO	
3	Ms. Okenmang Panyang	Nursing Officer	
4	Ms. Hibu Sunya	Nursing	
5	Mr. Nabam Takam	FW	
6	Mrs Bengia Monu	SA	

Table 22: Rapid response team from Health Department

6.6.2 108 Ambulance with Contact No.

Sl. no	Location	Vehicle No	Contact number
1	TRIHMS	AR01N8367	6909395677
2	UPHC Karsingsa	AR01N8369	6909395676
3	UPHC Itafort	AR01N8368	6909395675
4	PHC Chimpu	AR01N8411	6909395672

Table 23: Contact details of 108 Ambulance

6.6.3 Total no. of Doctors, IC

Doctors	Chest Specialist	Surgeon	Med. Specialist	Orthopedic	Pediatrician	MO Allopathic	MO Ayush
Total Number	3	16	7	5	6	22	13

Table 24: Total numbers of Doctors

6.6.4 Medicines and Logistic

Sl. No.	Item	Quantity
1	<i>Dressing Equipment:</i> Cotton, bandage, Spirit, Iodine, Gloves, Gauge, Splints, Ointments (Mupirocin), Anesthetic spray/Gel, Scissors, Forceps, suture materials.	Adequate
2	<i>Emergency Medicines:</i> 1. Tab/Inj .Dilona 2. Tab/Inj. Dexona 3. Tab/Inj. Paracetamol 4. Inj. Deriphylline 5. Inj. Adrenaline 6. Inj. Mannitol 7. Tab/Inj. Ethamsylate 8. Tab/ Inj. Lasix	Adequate
3	<i>Other logistics:</i> IV Sets, I V canula, R/L, DNS/ NS/ Dextrose/ Nebulizer & sol, Masks. / PPE Kits. Ryles tube, Urine Catheter, Lavage tube, Oxygen cylinder & masks, Pulse Oximeter, BP instrument, Glucometer & strips.	Adequate

Table 25: Medicines and Logistic

6.6.5 Important Contact Numbers

Sl. No	Name of the institutions/ Centres	Contact Numbers
1	R.K M Hospital, Itanagar	9436639142
2	NIBA Hospital, NLG	9402073264/8131820481
3	HEEMA Hospital	0360-2291094
4	TRIMHS, Naharlagun	0360-2246677 (Causality wing)
5	NDMA CONTROL ROOM	011-26701700 011-1078 011- 26701729 9868891801 9868101885
6	NDRF CONTROL ROOM DOIMUKH	0360-2277104 9485235464 9485236141
7	NDRF E Company (Itanagar)	9485235472
8	NDRF D Company (Hollongi)	9304147699
9	SEOC	8257891310 8974987127 9436074396
10	SDRF	94360223301 (Nodal Officer) 8119971895(Link Officer)
11	TOLL FREE	1077
12	EOC	8787336331/9436415828

Table 26: Important contact details of IRC region

6.6.6 Important Websites

Sl.No.	Department	Website
1.	NDMA	www.ndma.gov.in
2.	APDMA	www.arun01ddm@gmail.com
3.	NIDM	www.nidm.net
4.	IDRN	http://idrn.gov.in
5.	IMD	www.imd.gov.in

Table 27: Important websites

6.6.7 Details of Administrative Officers of Capital Itanagar

DC Headquarter						
Sl No.	Name of Officer	Designation	Phone		Fax	Mobile No.
			Office	Residence		
1.	Toko Babu, APCS	DC, Capital	0360-2954524			8131911839
2.	Jummar Basar	SP, Itanagar	-	-	-	9716836255
3.	Dr. Nyelban Nega	SP, Naharlagun	-	-	-	9436851097
4.	BL. Suresh, IPS	SP, TrafficItanagar	-	-	-	9233991081
5.	Shri Rajib Chiduni	ADC	-	-	-	9436045552
6.	Shri Khoda Lasa	EAC (Hq)				8732206330
7.	Neelam Teji	EAC(Hq)				9436040312
EAC Headquarter, Naharlagun						
8.	Khoda Bath	EAC , Naharlagun			-	9436256133
9.	Nani Mamung	CO				8119826975
EAC Headquarter, Itanagar						
10.	Tamo Dada	EAC				9436896667
11.	SmtY Tanyang Mary	CO	-	-	-	9774623061
CO, Headquarter, Banderdewa						
12.	Taba Milka	CO				9402410988
Other officers and staff						
13.	Akok Ratan	F&AO				8132807205
14.	Techi Tukap	DTO (MV)		-	-	8730058419
15.	Hon Bayang	DFCSO	-	-	-	9383107600
16.						
17.	Gysamar Tachung	EE (UD)	-	-	-	9436055031
18.	S.T Zara	DDSE, Capital				9436225553
19.	Dr.S. JirMitapo Mitpao	DMO,Capital				9436048357
20.	Nada Apa	DSO (Sports)	-	-	-	8787851462
21.	Leelen Ragon	Asst Dir (Stat&Eco)	-	-	-	9436294063
22.	Moromi Dodum	DDMO				8787336331
23.	Tem Kaya	DACO				9402614435
24.	Byabang Naemeh	DLRSO				9436294874
25.	Tadam Sorum	DITO				8837483644
26.	Geto Obi	DD (Industry)	-	-	-	8974485113
27.	Dacha Bagang	Town Planner				7005760115
28.	Rechi Lugnya, TIO,	i/c DIPRO				98638986380 7358
29.	Sumit Malik	DIO				7979039063
30.	Hiba Taji	Dy.Chief Wild Life Warden				7005741166
31.		DFO (SF)	-	-	-	
32.	Techi Khilli	RFO, IG Park	-	-	-	9436220235
33.	Tengam Taba	Project Officer				9436255666
34.	Tapong Ekke	AMDO, Capital				9436896902
35.	Soni Taniya	MVI, Capital		-	-	9402251884

36.	Dolang Akom	Member Secy (APMC)		-	-	9436258788
37.	Rechi Lugnya	TIO				9863807358
38.	Er Tadar Radhe	EE (E), Capital Division				9862516853
39.	Er Taying Janu	EE (E), Naharlagun Div				6909026211
40.	Er Tarh Gungkap	EE, PWD CD-A Itanagar				9436042934
41.	Er Chukhu Tacho	EE, PWD Naharlagun				8974522450
42.	Er Techu Nabo	EE, PWD CD-B Itanagar				8794729388
43.	Er Hage Tajang	EE, Highways				8413033996
44.	Er Tadar Mangku	EE, PHED, Itanagar				9436042464
45.	Er Kame Bengia	EE, IMC Itanagar				9436040772
46.	Er Yumlam Take	EE, IMC Naharlagun				9436055445
47.	Mibom Kaye	Supdt. (Tax) Zone-I, Nlg				7879898989
48.	Nani Bida	Supdt. (Tax), Zone-II, Ita				9612437971
49.	Toko Pakia	Supdt (Tax), B-dewa				9436250791
50.	Kengo Dirchi, DSP	SDPO, Nlg				9436208679
51.	Khikshi Yangfo	OC Itanagar				8974127542
52.	Neeraj Nishant (inspector)	OC Chimpu		-	-	7042036078 8798127423
53.	Melia Mibang					9436074565
54.	Takhe Tassar, Inspector	OC Niti Vihar				87981127423
55.	Pungming Taku	OC WPS Ita				9774514616
56.	Turton Mai	OC Papunallah				8729901948
57.	Krishnendu Dev	OC Nlg				7085311866
58.	Tallum Moyai	OC Nirjuli				943042190
59.	Kipa Harmak	OC Banderdewa				8974154089
60.	Kengo Dirchi	Dy.SP (Hq)				9436208679
61.	SP City Control Room, Ita					6909182217 6009909795 6009918986 8787380738
62.	Shri Kego Jiten,	Municipal Commissioner, IMC				9436054305
63.	Shri Mesar Pier	DD (Agri)				8415942310
64.	Smti Jaya Taba	DD (ICDS)				8415925313
65.	Bulu Tama	DHO				8132862016
66.	Kago Lod Asha	CDPO, Itanagar				8415025313
67.	S.T.Jara	DDSE				9436225555
68.	Taram Takdo	DVO				9863032644
69.	Kipa Taja	DFDO				9436255298
70.	Techi Topu Tara	EE, WRD, Itanagar				9436049044
71.	Gyamar Tadar	Station Superintendent				9436046297

72.	Gaba Doke	DFO, Banderdewa				9436048867
73.	Amping Megu	DD, APEDA				9366018154
74.	Tengam Taba	Project Officer				9436255666
75.	Techi Jobae	EE, RWD Itanagar				9436041021
76.	Teli Dutto Camdir	EE, PHED, Naharlagun				9436632023
77.	Lokam Mangha	Assistant Controller (Food Safety)				9436288339
78.	Biki Tabi	Head Assistant				9436675552
79.	Gyati Yamang	Sheristedar				9774512116
80.	Rubu Rajen	UDC				8729844795
81.	Kesang Gombu	LDC DM				9362565761
82.	Koj Gamno	OC, Fire Service, Itanagar				8255909916
83.	Arun Camrak	DSP, Traffic				7085836964
84.	Nabam Dokho	OC, Fire Service, Naharlagun				7629937607
85.	Tamar Pabin	OC, Traffic Itanagar				8731981749
86.	TR Goying	OC, Traffic Itanagar				9436253706

Contact Nos. of DC's Personal Staff

87.	Manoj Murali	CA				9436236565
88.	Tajing Tapak	PA				8132897561

Table 28: Details of Administrative officers of ICR

6.6.8 Important E-mail id

Sl.No.	Department	Email
1.	District Administration	dcitanagar@gmail.com
2.	SP Itanagar	spitanagar@gmail.com
3.	Disaster management cell	dmicc@gmail.com
4.	12 th Bn NDRF, Doimukh	bn12.ndrf@gov.in
5.	Department of Disaster Management.	arun01ddm@gmail.com
6.	SDRF, Chimpu	Co1staapbnchp@rediffmail.com
7.	138 th CRPF, Senki view	Commandant138bnrcpf@gmail.com
8.	Capital Electrical Division	ee-ced@hotmail.com
9.	Fire & Emergency Service	dirfs@arunpol.nic.in
10.	Highway Division naharlagun	highwaydivisionlg@gmail.com
11.	31 st ITBP, yupia	Itcell131stbn@itbp.gov.in
12.	Capital police, itanagar	spitanagar@gmail.com
13.	PWD CD-B	eeedb@yahoo.com

Table 29: Important email ids

6.7 EMERGENCY SUPPORT FUNCTION (ESF)

6.7.1 NAME OF THE DEPARTMENT: PUBLIC WORK DEPARTMENT CD-A:

6.7.1.1 Nodal Officers

Sl. No.	Name/Designation	Official Address	Contact no.
1	Nodal Officer Er. Tadu Takha	Assistant Engineer Capital Sub-Division No.6/A PWD, AP Itanagar	Mob No: 9436655068 Email: opotadu@gmail.com
2	Alternative Nodal Officer Er. Naresh Teli Camdir	Assistant Engineer Capital Sub-Division No.1/A PWD,AP Itanagar	Mobile: 8730999601

Table 30: ESF of PWD

6.7.1.2 Quick Response team (QRTs) at the HQ

Sl. No.	Name / Designation	Official Address	Contact No.
1	Nodal Officer Er. Jummy Taba	Assistant Engineer Assembly Sub-Division No.3/A PWD,AP Itanagar	Mobile:9774768657
2	Alternate Nodal Officers Er. Kago Sonia	Assistant Engineer Capital Sub-Division A PWD, AP Itanagar	Mobile: 8837085235
3	Member Er. Biri basu	Junior Engineer Capital Sub-DivisionNo.6/A PWD,AP Itanagar	Mobile: 9436200451
4	Er. Benyi Dulom	Junior Engineer Assembly Sub-DivisionNo.3/A PWD,AP Itanagar	Mobile: 8132886931

Table 31: Quick Response Team at HQ

6.7.1.3 Quick Response team (QRTs) at the Field

Sl. No.	Name / Designation	Official Address	Contact No.
1	Nodal Officer	Assistant Engineer Capital Sub-Division	Mobile: 9436291671 Email Id:

	Er. Takum Nalo	PWD,AP Itanagar	
2	Alternative Nodal Officer Er. Sono Taku	Assistant Engineer Capital Sub-Division 5/A PWD,AP Itanagar	Mobile:7005701592
3	Member 1 Er. Kipa Sara	Junior Engineer Capital Sub-Division 5/A PWD,AP Itanagar	Mobile:8416093050
4	Member 2 Er. Nabam Jarjo	Junior Engineer Capital Sub-Division 6/A PWD,AP Itanagar	Mobile:9402813403

Table 32: Quick Response Team at Field

6.7.1.4 Resource Inventory:

6.7.1.4.1 Manpower

Sl.No	Name	Designation	Branch	Contact No.
1.	Shri Balso Raito	JCB Operator	CSD No. 6/A	9402437085
2.	Shri Ribom Nyori	Mate	.do.	9774826653
3.	Shri Mega Sakter	Tipper Driver	.do.	7085836308
4.	Shri K P Sharma	Roller Operator	.do.	9862262533
5.	Md. Kazimuddin Ahmed	JCB Operator	.do.	8014436224

Table 33: Resource Inventory: Manpower

6.7.1.4.2 Tools and Vehicle

1.	Showels	25	1.Smt. Tai Yarang, JE 9436632265
2.	Spade	30	2.Shri Risso Chatum 8974688987
3.	Pickaxe	90	3.Shri Kipa Sara, JE 943689880
4.	Crowbar	90	
5.	Hammer	05	
6.	Chisel	09	
7.	Rope-rool	02	
8.	JCB	01	1.Shri K.D Tripathi JE,9774007291
9.	Road Roller	02	-do-
10.	Tata Tipper	01	-do-
11.	Maruty Gypsy	01	-do-

12.	Maruty Van	01	-do-
13.	Scorpio	01	-do-
14.	Bolero	04	-do-

Table 34: Resource Inventory: Tools and Vehicle

6.7.2 PUBLIC WORK DEPARTMENT CD-B:

6.7.2.1 Resource Inventory:

6.7.2.1.1 Manpower

Sl.No	Name	Designation	Contact No.
1.	Er Techi Nabo	Executive Engineer, CD-B	7085853400
2.	Er Tadu Sala	Assistant Engineer-CSD-2/B	9436044137
3.	Er Neelam Mama	Assistant Engineer-CSD-5/B	9436232172
4.	Er Nabam Tana	Junior Engineer-CSD-5/B	9612435807
5.	Er Tai Taka	Junior Engineer-CSD-5/B	9402774431
6	Er Tame Toma	Junior Engineer-CSD-5/B	9402443526
7	Er Tadar Taruh	Junior Engineer-CSD-5/B	8119025726
8	Er Techi Joram	Junior Engineer-CSD-5/B	8119091847
9	Er Techi Sanjay Tara	Junior Engineer-CSD-5/B	8730965048
10	Er Karling Tok	Junior Engineer-CSD-5/B	9774907452
11	Er Nabam Adam Lamnio	Junior Engineer-CSD-5/B	8131909604
12	Shri Rahul Nag	JCB Operator	9402000827

Table 35: Manpower of PWD CD- B

6.7.2.1.2 Tools and Vehicle

Sl. No	Type of Machineries	Vehicle No	
1	JCB	AR 01-C 0150	

Table 36: Machineries available at PWD CD-B

6.7.3 PUBLIC WORK DEPARTMENT NAHARLAGUN HIGHWAY DIVISION:

6.7.3.1 Manpower

Sl. No	NH Section		Name & Designation	Contact Number
	From	To		
1	Hollongi	Itanagar	Er. Nangbia Tedi Assistant Engineer	9436050036
			Er Tabom Doyum	9436690547

			Junior Engineer	
			Er Toku Raja	8974360378
2	Itanagar	Papu Nallah	Er. Nangbia Tedi Assistant Engineer	9436050036
			Er Debia Takam Assistant Engineer	9436218432
			Er Binu Wai Junior Engineer	8448069926
			Er Tam Tari Junior Engineer	7896595594
			Shri P K Rai Team Leader (A's E)	9106866124
			Shri Pranjal Project Manager (TKE)	9435350053
3	Papu Nallah	Nirjuli	Er Debia Takam Assistant Engineer	9436218432
			Er Debia Hania Junior Engineer	8258898419
			Er Arbind Singh Junior Engineer	8132935524
			Shri R K Singh Team Leader (A's E)	9106866124
			Shri Pranjal Project Manager (TKE)	9435350053
4	Nirjuli	Banderdewa	Er Debia Takam Assistant Engineer	9436218432
			Er. PP Verma Junior Engineer	7085955095
			Shri R K Singh Team Leader (A's E)	9106866124
			Shri Taw Pai Dy. Project Manager(TTCL)	9066957409
5	Papu Trijunction	Yupia	Er Debia Takam Assistant Engineer	9436218432
			Er. Tadar Dibang Junior Engineer	7629959565

Table 37: Manpower of PWD Naharlagun Highway Division

6.7.4 PUBLIC WORK DEPARTMENT, NAHARLAGUN DIVISION:

6.7.4.1 Nodal Officers

Sl. No.	Name/Designation	Official Address	Contact no.
1	Nodal Officer Er Tana Nekam Tara	Executive Engineer PWD Naharlagun Division	Mob No: 7085758145
2	Alternative Nodal Officer	Assistant Engineer	Mobile: 8974522450

	Er Chukhu Tacho,	PWD Naharlagun Division	
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Table 38: Nodal Officers of PWD Naharlagun Division

6.7.4.2 Manpower

Sl No	Name & Designation	Branch	Contact Number
1	Er Pema Dorjee Assistant Engineer	Under Naharlagun Sub-Divn-IV (Lekhi to Banderdewa & Borum)	9436235095
2	Shri Md. Rauf Junior Engineer	Naharlagun Township (B-Sector)	8131871413
3	Shri Nabam Tadar Junior Engineer	Naharlagun Township (D-Sector, Polo Colony & D-Sector)	8974397365
4	Shri Techi Sangu Tara Junior Engineer	Naharlagun Township (E, F, G & H-Sector, Rakap Colony)	8413996557
5	Shri Arun Siram Junior Engineer	Naharlagun Township (Pachin Colony and Barapani)	8730967493
6	Shri Ngurang Nega Junior Engineer	Naharlagun Township (Popu Hill & Colony)	9794176705
7	Shri Tana Sonny Tara Junior Engineer	Karsingsa & Banderdewa Area	9436897905
8	Shri Nabam Sani Junior Engineer	Borum, Tarajuli	9436040104
9	Shri Tana Guma Tara Junior Engineer	Model Village & Nirjuli	7085831881

Table 39: Manpower of PWD, Naharlagun Division

6.7.4.3 Manpower Trained in Disaster Management Activities

Sl No	Name of the person trained	Contact Details
1	Er Chukhu Tacho	8974522450
2	Er Pema Dorjee	9436235095
3	Shri Md. Raug	8131871413
4	Shri Taba Laring	8258039016
5	Shri Techi Sangu Tara	8413996557
6	Shri V.P Srivastava	9436040104

Table 40: Name of the Person Trained in Disaster Management Activities

6.7.4.4 Resource Inventory

Sl. No	Name of the Resource	Quantity	In-charge with Contact No.
1	Excavator/Loader(JCB)	2 (Two) Nos	Chukhu Tacho (AEPWD) 8974522450

2	Dumper/Tipper	1(One) No	Md. Raug (JEPWD) 81318714134
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Table 41: Machineries available at PWD, Naharlagun Divisionb

6.7.5 Detail of the Road and responsible person of PWD

Sl. No.	Name of Road	Sector	Name of incharge (Junior Engineer)	Contact No.
1	Road from NH-415 near Tempo stand to RajBhawan via A- Sector	B-Sector	Shri KarlingTok	9774907452
2	Road from NH-415 to Rajbhawan via B-Sector	B-Sector	-do-	-do-
3	Road from Raj Bhawan 1 st Gate to P-Sector via Main Gate & Power House	P-Sector	-do-	-do-
4	Road from NH-415 to RajBhawan Helipad via P-Sector	-do-	-do-	-do-
5	Road from P-Sector to Gandhi Market	-do-	-do-	-do-
6	Road from RajBhawan Helipad to Itafort	-do-	-do-	-do-
7	Road from NH-415 to C- Sector via BSNL Office and Gandhi Market	C-Sector	-do-	-do-
8	Road from NH-415 to BhairovMandir via Police Station &Donyi Polo Hotel	Police Station Road	-do-	-do-
9	Road from NH-415 BhairovMandir via PHE Water Tank & C-Sector	C-Sector	-do-	-do-
10	C- Sector Internal Road	C-Sector	-do-	-do-
11	Road from Raj Bhawan Gate to BirrupColony,Itanagar	Birrup Colony Road	-do-	-do-
12	Road from NH-415 near Ganga Market to BhairovMandir via SP Office ,Doordharsan office, Circuit House etc.	SP Office &Doordharsan	Shri NabamTana	9612435807
13	Uppermost Ring Road		-do-	-do-
14	Road from NH-415 near 6.00 km to IRBN complex via Second coming Prayer centre,Itanagar	IRBN Complex	-do-	-do-
15	Road from NH- 415 to Ring road via D- Sector	D-Sector	Shri TechI Lug	8729882733
16	D-Sector Internal road	-do-	-do-	-do-
17	Road from NH-415 near Hotel PYBSS to D-Sector via RWD Colony	-do-	-do-	-do-
18	Road from NH-415 near Entry of Civil Sectt. To Director office of the Higher & Technical Office and its Interenal Road	ESS-Sector	-do-	-do-
19	Road from NH-415 near Axis Bank to Director office of the Higher &Technical Office via APPCS Office.	-do-	-do-	-do-
20	Road from NH-415 near State Library office to Director of Tourism Office	Tourism Office	Shri TadarTaruh	8119025726
21	DayingEring Road	DayingEring	-do-	-do-

Sl. No.	Name of Road	Sector	Name of incharge (Junior Engineer)	Contact No.
		Road		
22	Road from NH-415 to Police Colony via DC & Mining Office	Police Colony	-do-	-do-
23	Approach road to Cremation Ground ,Chimpu	Chimpu	-do-	-do-
24	Dokum Colony Road	Dokum Colony	Shri TamchiGagung	9436272133
25	Donyi Colony Road	-do-	-do-	-do-
26	LappangHatty Colony Road	LappangHatty Road	-do-	-do-
27	Road from NH-415 near petrol pump to Police Colony & again NH-415 via Abu Gelam Memorial School, Chandranagar	Chandranagar	-do-	-do-
28	Road from NH-415 to Sangrik Colony ,Itanagar	Sangrik Colony	-do-	-do-
29	Road from NH-415 to Ajin Colony via Arunadaya Govt. School	Ajin Colony	Miss Nabam Adam	9436809836
30	Internal Road under KGS at VivekVihar	VivekVihar	-do-	-do-
31	Ajin Colony internal road	Ajin Colony	-do-	-do-
32	Road from NH-415 to DNGC gate	DNGC	Shri TarhToma	9402443526
33	Upper VivekVihar Road from DNGC road	-do-	-do-	-do-
34	Road to Police Colony from NH-415-DNGC gate road	-do-	-do-	-do-
35	Road from NH-415 near RCC bridge to Police Colony, Chandranagr	Police Colony	-do-	-do-
36	Road from NH-415 near Tuesday Market to Statistic office, Gohpur	Statistic office ,Gohpur	Shri Homen Borah	8794406299
37	Internal Road KV-2 and nearby road	KV-2	-do-	-do-
38	Pappu Nallah to Ganga (12.00 Km)	Pappu Nallah to Ganga	Sunil Kumar Divedi	9436042026
39	D.P.S Tinali to Chimpu (3.00 Km)	Chimpu	-do-	-do-

Table 42: Details of Roads and responsible persons

6.7.6 NAME OF THE DEPARTMENT: WATER RESOURCE DEPARTMENT

6.7.6.1 Manpower

Sl. No.	Name / Designation	Designation	Place of Posting
1	Shri Tech Topu Tara	E.E	EE, WRD Itanagar
2	Shri Kadung Tadar	A.E	AE, WRSD, Itanagar
3	Shri Kholie Tadap	A.S.W	EE, WRD, Itanagar

4	Shri Tapu Likha	ACE	EE, WRD, Itanagar
5	Shri Rakkar Ete	Sr. Estimator	EE, WRD, Itanagar
6	Shri Tame Ekha	J.E	AE,WRSD, Itanagar
7	Shri Chung Yangfo	J.E	AE,WRSD, Itanagar
8	Shri Pisa Tatum	J.E	AE,WRSD, Itanagar
9	Smti Mary Gollo	J.E	AE,WRSD, Itanagar
10	Smti Ayang Tayeng	J.E	AE,WRSD, Itanagar

Table 43: Manpower WRD, Itanagar

6.7.6.2 Resource Inventory of WRD

Sl.No	Resources	Qty.in Nos	Availability Location
1.	Manpower	5 Nos	Itanagar
2.	Service	Human Labour	Itanagar
3.	Materials	Spade,Shovel& Jumber	Itanagar
4.	Equipments	Nil	Nil
5.	Motor vehicles	1 nos (LMV)	This LMV is used against o/o AE,WRSD Itanagar.
6.	Any other special material if available.		

Table 44: Resource inventory of WRD

6.7.7 NAME OF THE DEPARTMENT: POWER

6.7.7.1 NODAL OFFICERS

Sl. No.	Name/Designation	Official Address	Contact no.
1.	Nodal Officer	Executive Engineer (E) Capital Electrical Division Department of Power, Itanagar	Mobile: 9436040076
	Er. Joram Lali		Email Id:ee_ced@hotmail.com
2.	Alternative Nodal Officer	Assistant Engineer (E) Capital Electrical Division Department of Power, Itanagar	Mobile: 9990227561
	Er. Ripon Kabak		
3.	Er. Hage Napa	Assistant Engineer (E) Capital Electrical Division Department of Power, Itanagar	Mobile: 9436047339

4.	Er Taw Nagu	Assistant Engineer (E),Planning Capital Electrical Division Department of Power, Itanagar	Mobile:7085424234
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Table 45: Name and numbers of responsible person from Power Department, ICR

6.7.7.2

Quick Response team (QRTs) at the HQ/Field

Sl. No.	Name / Designation	Official Address	Contact No.
1	Er. Nabum Gumin	Assistant Engineer, Capital Electrical Division Department of Power, Opposite Capital Auto Agency, Itanagar	Mobile: 9436047111
2.	Er.Tano Gongo	Assistant Engineer, Capital Electrical Division Department of Power, Opposite Capital Auto Agency, Itanagar	Mobile: 8787519400
	Alternative Nodal Officer		
1.	Er. Kenbom Zirdo	Assistant Engineer, Capital Electrical Division Department of Power, Opposite Capital Auto Agency, Itanagar	Mobile:9402278142
2.	Er.Tano Gongo	Assistant Engineer, Capital Electrical Division Department of Power, Opposite Capital Auto Agency, Itanagar	Mobile: 8787519400
	Members		
1	Er K.Tangung,Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 7005662118
2	Er Karan Singh SolankiJE (E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9436254650
3	Er S.K Tiwari,Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9402248312
4.	Er Chuku Juli,Junior Engineer (E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 8974689120
5.	Er Dinesh Kumar,Junior Engineer (E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9436051839
6.	Er Mili Monga, Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9436896368
7.	Er Mardak Riba, Junior	O/O Assistant Engineer (E)	Mobile: 9774238279

	Engineer(E)	CESD-1,Itanagar	
8.	Er Kada Tabu, Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9436630187
9.	Er Taku Takha, Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9436895524
10.	Er Penia Bagra, Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9402953190
11.	Er Kajum Tali, , Junior Engineer(E)	O/O Assistant Engineer (E) CESD-1,Itanagar	Mobile: 9402228778

Table 46: Quick Response Team from Power Department, ICR

6.7.7.3 Resource Inventory:

6.7.7.3.1 Manpower

Sl.No	Name	Quantity in nos.	Availability location
1.	Work-Charged staffs	310	
2.	Casual staffs	716	
SERVICES			
1.	Electricity Services	As may be required for providing temporary electricity supplies for transit camps, feeding centers, relief camps, onsite Emergency Operation Center, and on access roads to the same. During disaster situations, connection & disconnections of electricity lines for safety of causalities and properties.	
MATERIALS:			
		Electrical materials and equipment shall be used against ongoing schemes of respective sections of this division.	
EQUIPMENTS			
1.	Truck	1 nos	Shri S. K Tiwari ,Junior Engineer(E) Mobile No.9774008219
2.	Mini Truck	2 nos	
3.	Inspection light vehicle, Scorpio/Bolero/Gypsy & pick up Van etc.	39 nos.	
4.	DG set of different	12 nos	

	capacities.		
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Table 47: Resource Inventory: Manpower

6.7.7.3.2 Other Resources

Sl.No	Location	Qty.(Capacity) in (KW)	In-charge with contact no.
1.	R.K Mission Power House	2x200	Er Taku Takha mobile No.9436895524
2.	Raj Bhawan Power	2x125	Er Chuku Juli,Mobile No.8974689120
3.	Niti Vihar Power House	3x125	Er Penya Bagra Mobile No.9402953190
4.	Secretariate Power House	1x200 &2x125	Er. Taba Tebin, Mobile No. 8974338431
5.	Ess Power House	1x125 &1x48	Er Taba Tebin Mobile No. 8974338431
6.	Senki Park Power House	1x125	Er Nabum Bate Mobile No.9436637993
7.	C-Sector Power House	2x125	Er T.Neelam Niya Mobile No.8730967486
8.	Circuit House Power	1x48 &1x24	Er T.Neelam Niya Mobile No.8730967486
9.	Vidyut Bhawan Power House	1x48 &1x28	Er S.K Tiwari, Mobile No.9774008219
10.	D.N.G College Power House	1x60 &1x32	Er Mardak Riba, Mobile No.9774238279
11.	APIC(Hotel Bomdila) Power House	1x125	Er Milli Monga, Mobile No.946896368
12.	HCM Bungalow Power House	2x125	Er Penya Bagra Mobile,No.9402953190

Table 48: Resource Inventory: Other Resources

6.7.8 Name of the Department: RURAL WORK DEPARTMENT

Sl. No.	Name/Designation	Official Address	Contact no.
	Nodal Officer	Executive Engineer	Mobile:9436041021

1.	Er Tech Jobae	Rural Works Division, Yupia	
2.	Alternative Nodal Officer	Assistant Engineer Sub-Division, Itanagar	9436040202
	Er Gambi Karbak		

Table 49: Details of responsible persons in RWD

6.7.8.1 Quick Response team (QRTs) at the HQ

Sl. No.	Name / Designation	Official Address	Contact No.
1	Er Gambi Karbak	Assistant Engineer Sub-Division, Itanagar	9436040202
2.	Alternative Nodal Officer		
	Er Tadar Kagung	Junior Engineer, Rural Works Section, Itanagar HQ.	Mobile 7085758789
	Members		
1	Er Tech Tsama, junior Engineer	Rural Works Section, Jullang	9436263674
2	Er Nangram Jajung, Junior Engineer	Rural Works Section, Ganga	9436059561
3	Er Ricky Zirido, Junior Engineer	Rural Works Section, Donyi-Polo	9485019912

Table 50: Quick Response Team of RWD at HQ

6.7.8.2 Quick Response team (QRTs) at the Field

Sl. No.	Name / Designation	Official Address	Contact No.
1.	Er Gambi Karbak	Assistant Engineer Sub-Division, Itanagar	Mobile: 9436040202
	Alternative Nodal Officer		
2	Er Tame Takiang, Junior Engineer	Rural Works Section, HQ Naharlagun	Mobile: 9436294809
	Members		

1	Er Debia Tayo, Junior Engineer	Rural Works Section, Jote	Mobile: 9402278108
2	Er Ngurang Niya, Junior Engineer	Rural Works Section, Tarraso	Mobile: 9402604069

Table 51: Quick Response Team of RWD at Field

6.7.8.3 Resource Inventory:

Sl.No	Resources	Quantity in nos.	Availability location
1.	Manpower	20	RWD, Yupia
2.	Services	Nil	Nil
3.	Materials	Nil	Nil
4.	Equipments	Nil	Nil

Table 52: Resource Inventor of RWD

6.7.9 NAME OF THE DEPARTMENT: FIRE & EMERGENCY SERVICES

6.7.9.1 Nodal and Alternate Nodal Officer (HQ)

Sl. No.	Name/Designation	Official Address	Contact Details
1.	Nodal Officer		
	Shri Chukhu Apa, IPS Director, Fire & Emergency Services, Arunachal Pradesh, Itanagar.	Directorate of Fire & Emergency Services, Old PHQ Building, Ganga, Itanagar, Arunachal Pradesh	Mobile: 70856 25164 Landline: 0360-2212734 Fax: 0360-221735 Email ID: dirfs@arunpol.nic.in
2.	Alternate Nodal Officer		
	Shri S. Chakraborty, APPS Assistant Director Fire & Emergency Services Arunachal Pradesh, Itanagar	-do-	Mobile: 8794882216 Landline: 0360-2212639 Fax: 0360-2292396 Email ID: dirfs@arunpol.nic.in

Table 53: Firefighting equipment available at Fire Station, Itanagar

6.7.9.2 Resource Inventory

6.7.9.2.1 Fire Fighting Equipment available at FS Itanagar

Sl.No.	Name of equipment	Quantity	Sl.No.	Name of equipment	Quantity
1	Delivery Hose	17 Nos.	38	Long branch pipe	01 No.
2	Co2 Extinguisher [02 Kg]	08 Nos.	39	Nevil branch Pipe	01 No.

3	DCP Extinguisher[10kg]	01 No.	40	AFFF (Refilling Bottle)	18 Nos.
4	Portable Ground Water Monitor	01 No.	41	FB 5X	07 Nos.
5	Smoke exhauster cum air blower	01 No.	42	Door breaker	05 Nos.
6	High expansion foam generator	01 No.	43	Ceiling hook	02 Nos.
7	Bucket Strainer	07 Nos.	44	Universal wrench	05 Nos.
8	Low pressure applicator	01 No.	45	Conventional wrench	02 Nos.
9	Chemical foam compound	14 Nos.	46	Pick axe	05 Nos.
10	Extinguisher wall clamp	15 Nos.	47	Shears	02 Nos.
11	Hose binding machine	01 No.	48	Large Axe	09 Nos.
12	Fire beater	05 Nos.	49	Rubber glove	06 Nos.
13	Discharge horn	02 Nos.	50	Canvas glove	01 No.
14	Washer suction hose	08 Nos.	51	Artificial Respiration (Ambu Bag)	04 Nos.
15	Washer delivery hose	12 Nos.	52	First Aid Box	02 Nos.
16	Drag hook	01 No.	53	Chain Saw (Light)	01 No.
17	Hose hook	02 Nos.	54	Face Mask	06 Nos.
18	Hose bandage	09 Nos.	55	Cutter Combi Tools	01 No.
19	Blank cap	05 Nos.	56	Stretcher	06 Nos.
20	Dividing breeching	02 Nos.	57	Asbestos Suit	02 Nos.
21	Collecting breeching	01 No.	58	Air blower pipe	01 No.
22	Collecting head	02 Nos.	59	Life jacket	07 Nos.
23	New light gun	01 No.	60	Life bouy	02 Nos.
24	Revolving branch pipe	02 Nos.	61	Rope (Nylon)	04 Nos.
25	Adapter	05 Nos.	62	Crow bar	03 Nos.
26	Pulley	01 No.	63	Shovel	03 Nos.
27	Nozzle spanner	02 Nos.	64	Spade	07 Nos.
28	Hand control branch	01 No.	65	Rubber denging	02 Nos.
29	Hammer (Small)	01 No.	66	Rubber denging foot pump	01 No.
30	Hammer (big)	05 Nos.	67	Wind direction machine with box	01 No.
31	Goggles	02 Nos.	68	Proximity suit	02 Nos.
32	Hydrant key	01 No.	69	Helmet (yellow)	05 Nos.
33	Fire men Axe	01 No.	70	bell	01 No.
34	Wire cutter	02 Nos.	71	Electric change over set	01 No.
35	Metal strainer	08 Nos.	72	Diffuser branch	03 Nos.
36	Revolving branch	02 Nos.	73	B.A Set	01 No.
37	Short branch pipe	09 Nos.			

Table 54: Firefighting equipment available at Fire Station, Itanagar

6.7.9.2.2 Fire Fighting Equipment available at FS Naharlagun

<i>SI.No</i>	<i>Name of equipment</i>	<i>Quantity</i>	<i>SI.No.</i>	<i>Name of equipment</i>	<i>Quantity</i>
1	Delivery Hose	25 Nos.	27	Hose Vulcanizing Machine	01 No.
2	Suction Hose	04 Nos.	28	Co2 Ext [2 kg]	05 Nos.
3	Short Branch Pipe	05 Nos.	29	Hand Control Branch Pipe	05 Nos.

4	Revolving Nozzle	02 Nos.	30	High Expansion Foam Generator	01 No.
5	Diffuser Branch Pipe	1 No.	31	Super Jet Water Monitor	01 No.
6	Extra Nozzle	07 Nos.	32	Adjustable Wrench	01 No.
7	Extension Ladder (Single)	04 Nos.	33	Rubber Glove	03 Nos.
8	Fireman Axe	08 Nos.	34	Garden Umbrella	01 No.
9	DCP Extinguisher[5 kg]	13 Nos.	35	Wire Cutter	05 Nos.
10	CO2 Extinguisher [4.5 kg]	04 Nos.	36	Metal Strainer	03 Nos.
11	Nozzle Spanner	10 Nos.	37	Washer for D/Hose	02 Nos.
12	Suction Wrench	11 Nos.	38	Chain Wrench	02 Nos.
13	Hose Binding Machine	01 No.	39	Pol Pipit Gun	01 No.
14	Helmet	27 Nos.	40	FB 5X	04 Nos.
15	Ceiling Hook	02 Nos.	41	Pick Axe	03 Nos.
16	Low Pressure Applicator	01 No.	42	Crow Bar	04 Nos.
17	Shovel	03 Nos.	43	MFG-10	01 No.
18	Door Breaker	03 Nos.	44	Basket Strainer	02 Nos.
19	BCF Trolley Mounted	03 Nos.	45	Dao	01 No.
20	W/T Extinguisher	07 Nos.	46	Bolt Cutter	01 No.
21	First Aid Box	01 No.	47	Hydrant Key	02 Nos.
22	Spade	05 Nos.	48	Multipurpose hand control branch pipe	03 Nos.
23	Large Axe	03 Nos.	49	Collecting head	01 No.
24	Hammer	04 Nos.	50	Dividing Breaching	01 No.
25	Fire Beater	06 Nos.	51	Non Returning Valve	01 No.
26	Jack	05 Nos.	52	Foam Extinguisher	09 Nos.

Table 55: Firefighting equipment available at Fire Station, Naharlagun

6.7.9.2.3 Manpower

6.7.9.2.3.1 HQ (F&ES) Itanagar

Sl. No.	Name	Designation	Office	Contact Nos.
1.	Nabam Dokho, SO	Reserve Officer	Directorate of Fire & Emergency Services, Itanagar, A. P.	8731008286
2.	Pratul Ch. Barman	Motor Transport Officer	-do-	9436223677
3.	Liyom Sora	Quarter Master	-do-	7005303877
4.	Bhupender Sharma	Sub Fire Officer	-do-	9863356117
5.	Koyi Boje	Sub Fire Officer	-do-	9436636266
6.	Vijay Kr. PG	H/C Mechanic	-do-	6009898516
7.	S. S. Singh	H/C Driver	-do-	9436687461
8.	FM Prem Kr. S.	Fireman	-do-	9402934290
9.	Pul Ch. Jhajharia	-do-	-do-	9402690359
10.	Durgesh Gupta	-do-	-do-	9402934290
11.	Mritunjai Kr. Singh	-do-	-do-	9856878109
12.	Rajesh Singh	-do-	-do-	9436895635
13.	Jumter Sora	-do-	-do-	8119873896
14.	Pabitra Saikia	-do-	-do-	9436601624
15.	Prabhat Kr. Rai	-do-	-do-	9402690167
16.	Bommar Chiram	-do-	-do-	8794474875
17.	Neeraj Kumar	-do-	-do-	9774323211
18.	Miyi Yomcha	-do-	-do-	9402479380

Table 56: Manpower at HQ(F&ES), Itanagar

6.7.9.2.3.2 Fire Station, Itanagar

Sl. No.	Name	Designation	Contact No.
1.	Takhe Horming	Station Officer	9436639634
2.	Koj Tade Gambo	-do-	8256909916
3.	Keji Tayum	-do-	8787485944
4.	Horda Lona	-do-	9436219893
5.	Lakpa Mossing	Sub Fire Officer	8730810228
6.	Choirra Dorjee	-do-	9774558114
7.	Dani Jobii	H/C Mechanic	9402258408
8.	Gedo Ete	-do-	8732821373
9.	Bamang Taga	Driver	7640086194
10.	Nyali Kato	-do-	8132882912
11.	Santi Ram Malla	-do-	7086767031
12.	Tage Niting	-do-	8731946498

13.	Narinder Singh	Fireman	8794569040
14.	Lokir Gadi	-do-	8798394646
15.	Tomka Rakshap	-do-	9402296538
16.	Ebom Riram	-do-	7085344468
17.	Taju Nuk	-do-	9366155580
18.	Likha Tamar	-do-	9436410067
19.	Likha Takam	-do-	8794337395
20.	Hage Mobing	-do-	9402256382
21.	Ranjit Kumar	-do-	8729929777
22.	Chitum Gadi	-do-	8415955858
23.	Jumken Riram	-do-	9402275970
24.	Bomnu Gamlin	-do-	8257063180

Table 57: Manpower at Fire station, Itanagar

6.7.9.2.3.3 Fire Station, Naharlagun

Sl. No.	Name	Designation	Contact No.
1.	Tayar Tare	Station Officer	84160156764
2.	Tame Budh	-do-	8119860108
3.	Giogi Lilong	Sub Fire Officer	9436896868
4.	Tomar Bam	-do-	8794529697
5.	Kokir Amo	-do-	8257885745
6.	Talo Chada	Mechanic	9436094966
7.	Taj Kunya	-do-	9436812210
8.	Duken Kato	-do-	8119019943
9.	PunyoTaku	Driver	9436225060
10.	Tai Dubi	-do-	7005086995
11.	Takio Tima	-do-	7630860066
12.	LikhaTeki	-do-	8014522012
13.	Lokam Tache	Fireman	9402803465
14.	Prasant Boruah	-do-	6003468963
15.	Bika Bole	-do-	9402459093
16.	Somvir	-do-	9402798580
17.	Pusi Gamlin	-do-	7640094549
18.	Landi Taming	-do-	9615494132

19.	Karken Yomcha	-do-	9436812878
20.	Manish Kr. Singh	-do-	8731083206
21.	Nikh Tamin	-do-	7005137792
22.	Tania Dubi	-do-	9862507142
23.	Hawa Chuka	-do-	Nil
24.	Golom Ete	-do-	8974504406
25.	Hiba Tassap	-do-	9856357874

Table 58: Manpower at Fire station, Naharlagun

Sl. No	Description	Total	Availability/Location
i.	Station Officer : 2	63 Personnel	FS Itanagar/Naharlagun
ii.	Sub-Fire Officer : 5		
iii.	Leading Fireman: 7		
iv.	Driver : 8		
v.	Mechanic : 4		
vi.	Fireman : 37		

Table 59: Manpower of Fire and Emergency Service, ICR

6.7.9.2.4 Fire Tenders Details at Fire Station Itanagar

Sl. No.	Type/Model of Appliance	Registration No.	Date of purchase	Remarks	
1.	Fire Tender (1613)	AR-01E-7394	26-03-2012	On road	
2.	Fire Tender (1613)	AR-01A-0091	18-04-2003	On Road	
3.	Advance Fire Tender (1616)	AR-01J-0038	12-07-2016	on Road	
4.	Advance Fire Tender (1616)	AR-01J-0039	12-07-2016	Off Road	under process of condemnation
5.	Advance Foam Tender (1613)	AR-01G-6502	02/09/2019	On Road	
6.	Fire crew vehicle	AR-02A-7064	02/11/2021	On Road	
7.	Fire Crew Vehicle	AR-02A-4926	28/01/2021	On Road	
8.	ACE (QRV)	AR-01F-0450	30-06-2012	Off Road	w.e.f.04/09/2020
9.	ACE (QRV)	AR-01F-0451	30-06-2012	Off Road	w.e.f. 28/06/2020
10.	Motorcycle (Yamaha FZS)	AR-02A-4938	06/02/2021	On Road	

Table 60: Fire Tenders details of Fire Station Itanagar

6.7.9.2.5 Fire Tenders Details at Fire Station Naharlagun

Sl. No.	Type/Model of Appliance	Registration No.	Date of purchase	Remarks	
1.	Foam Tender (1613)	AR-01B-3739	30/12/2004	Off Road	W.e.f. 08/03/2018 kept at MT compound Itanagar under process for condemnation
2.	Fire Tender	AR-01F-0474	18-06-2012	On Road	

	(1613)				
3.	Advance Fire Tender (1616)	AR-01J-0040	12-07-2016	On Road	
4.	Hazmat Van(1212)	AR-01J-0050	12-07-2016	On Road	w.e.f.05/12/2019 Handed over to FS Ita on 04/09/2019
5.	Advance Foam Tender (1613)	AR-01G-6503	02/09/2019	On Road	
6.	Fire Tender 709	AR-01F-0237	19-08-2014	On Road	
7.	Fire Crew Vehicle	AR-02A-4932	28/01/2021	On Road	
8.	Fire crew vehicle	AR-02A-7065	02/11/2021	On Road	
9.	ACE (QRV)	AR-01F-0495	30-06-2012	Off Road	
10.	ACE (QRV)	AR-01F-0452	30-06-2012	Off Road	W.e.f. 24/06/2020
11.	M/C (Yamaha FZS)	AR-02A-4939	06/02/2021	On Road	

Table 61: Fire Tenders details of Fire Station Itanagar

6.7.9.2.6 List of inventories available at Fire Station Itanagar and Naharlagun

Sl. No.	Name of Fire fighting	Quantity	Remark
1	Fire Proximity Suit	40 Nos.	
2	Portable Generator Set (5KVA)	01 No.	
3	Rescue boat	02 Nos.	
4	Rece-procating Saw	02 Nos.	
5	Rotary Hammer Drill	02 Nos.	
6	Delivery Hose	31 Nos.	
7	Fire ball	36 Nos.	
8	Pipe Wrench	02 Nos.	
9	Adjustable Wrench	02 Nos.	
10	Spade	33 Nos.	
11	Shovel with handle	13 Nos.	
12	Pick Axe with handle	09 Nos.	
13	Dragon Search light	02 Nos.	
14	DCP Ext. 5kg	28 Nos.	
15	DCP Ext. 10 kg.	22 Nos.	
16	Mech. Foam Ext. 9 Ltrs.	27 Nos.	
17	Water type Ext. 9 ltrs.	28 Nos.	
18	Co2 Ext. 4.5kg.	13 Nos.	
19	Co2 Ext. 2kg.	13 Nos.	
20	Co2 Cartridge 200 grms.	04 Nos.	
21	Co2 cartridge 120 gm	17 Nos.	
22	Co2 cartridge 90 gm	12 Nos.	
23	Co2 Cartridge 60 grms.	12 Nos.	
24	AFFF bottle 540 ML.	10 Nos.	

25	Helmet	42 Nos.	
26	Fire entry suit	08 Nos.	
27	Suction wrench	06 Nos.	
28	Chain saw Petrol	02 Nos.	
29	Foam drum	58 Nos.	
30	Fire man axe	19 Nos.	
31	Short branch pipe	08 Nos.	
32	Hand control branch	08 Nos.	
33	Pistol grip nozzle	06 Nos.	
34	Revolving branch	06 Nos.	
35	Defusser branch.	09 Nos.	
36	Metal strainer	06 Nos.	
37	Hammer (Big) 5kg	12 Nos.	
38	Stretcher	09 Nos.	
39	Collecting breaching	06 Nos.	
40	Mega phone	02 Nos.	
41	Hose binding machine	02 Nos.	
42	Hose binding wire	30 Nos.	
43	Manila rope	132 Mtrs.	
44	Crowbar	14 Nos.	
45	Collecting breaching	06 Nos.	
46	Dividing breaching	05 Nos.	
47	Combi tools	03 Nos.	
48	Ceiling hook	08 Nos.	
49	Dry Chemical powder	85 Nos.	
50	Fire beater	08 Nos.	
51	Portable pump	02 Nos.	
52	Suction hose.	04 Nos.	
53	Life buoy	04 Nos.	
54	Rubber glove	20 Nos.	
55	Fire escape mask	05 Nos.	
56	Life jacket	08 Nos.	
57	FB-5X	08 Nos.	
58	Drag hook	03 Nos.	
59	Axe	15 Nos.	
60	Anchor hook	01 No.	
61	B.A set	08 Nos.	
62	Bolt cutter	04 Nos.	
63	Door breaker	08 Nos.	
64	Ground monitor	01 No.	
65	Wire cutter	08 Nos.	
66	Low applicator	01 No.	
67	Lifting bag (cylinder)	02 Nos.	
68	Lifting bag connection pipe	02 Nos.	
69	Lifting bag	01 No.	
70	Concrete cutter	02 Nos.	
71	Goggle	02 Nos.	

72	Chain saw electrical	01 No.	
73	Rescue tower light	01 No.	
74	Foam expansion generator	02 Nos.	
75	First aids box	01 No.	
76	Collecting head two way	02 Nos.	
77	Collecting head three way	01 No.	

Table 62: List of inventories available at Fire Station of Itanagar and Naharlagun

6.7.10 NAME OF THE DEPARTMENT: STATE DISASTER RESPONSE FORCE

6.7.10.1 Nodal and Alternate Nodal Officer (HQ)

Sl. No.	Name/Designation	Official Address	Contact Details
1.	Nodal Officer		
	Shri Asif Modh. Ali IPS (SSP F& EC Cum Nodal Officer SDRF)	Office of the SP F&ES Itanagar (A.P)	Mob: 9863885548 Email: sdrfitanagarap@gmail.com
2.	Alternate Nodal Officer		
	Shri Tab Tech, APPS, DY.SP.I/C SDRF Itanagar	C/O Office of the SP F & ES Itanagar (A.P)	Mob: 9485236611
3	Reserve Officer SDRF COY		
	Shri Tokmin Megu Sub-Inspector	C/O Office of the SP F & ES Itanagar (A.P)	Mob: 7005669188 Email: tokminmg@yahoo.com
4	Platoon Commander (PC) SDRF COY		
	Shri Taning Singnik Gumsing Sub-Inspector	C/O Office of the SP F & ES Itanagar (A.P_	Mob: 9774424228
5	Platoon Commander (PC) SDRF COY		
	Shri Licha That Sub-Inspector	C/O Office of the SP F & ES Itanagar (A.P_	Mob: 9436897628
6	Control Room	Office of the Commandant 1 st AAPBN BHQ Chimpu Itanagar (A.P)	0360-2203596

Table 63: Firefighting equipment available at Fire Station, Itanagar

6.7.10.2 Resource Inventory:

Sl.No	Resources	Quantity in nos.	Availability location
1.	Manpower	92	70 (Seventy) personal are available at SDRF Barrack 1 st AAPBN BHQ @ Chimpu, Itanagar & 22 (Twenty-Two) personal are available at Regional Centres

2.	Equipment	CSSR, MFR, Water Rescue Equipment's are available for performing search and rescue operation	SDRF Barrack 1 st AAPBN BHQ @ Chimpu, Itanagar
3.	Machineries	02 (Two) Nos of JCB are available for performing search and rescue operation	SDRF Barrack 1 st AAPBN BHQ @ Chimpu, Itanagar
4.	Motor Vehicles	01(one) Mini Bus (Off Road), 01 (One) Tata Xenin Crew Cab and 01 (one) Gypsy	SDRF Barrack 1 st AAPBN BHQ @ Chimpu, Itanagar

Table 64: Resource Inventor of SDRF

6.7.11 NAME OF THE DEPARTMENT: DISTRICT ANIMAL HUSBANDRY & VETERINARY

Sl. No.	Name/Designation	Official Address	Contact no.
	Nodal Officer		
1.	Dr.Dagge Riba	DVO,AH&Vety Yupia/Capital	Mobile:9774455302
2.	Alt. Nodal Officer	O/o District AH & Vety Officer	Mobile:7085955624
	Dr.S Yomdo,VO (HQ)	Yupia/Capital	

Table 65: Officers of District Animal Husbandry and Veterinary

6.7.11.1 Quick Response team (QRTs) at the HQ

Sl. No.	Name / Designation	Official Address	Contact No.
1	Dr.O.Rukbo,VO	Veterinary Dispensary,Itanagar	Mobile:9436258794
2.	Alternative Nodal Officer		
	Dr.Nido Tayo,VO	Veterinary Dispensary,Itanagar	Mobile :9436632470
3.	Members		
1	Shri K.Pertin,S/M	Veterinary Dispensary, Itanagar	9436639638
2	Nani Chada,S/M	Veterinary Dispensary, Itanagar	7005848611
3	Shri S.Routh,S/M	Veterinary Dispensary, Balijan	9402788941

Table 66: Quick response team of AH&V at HQ

6.7.11.2 Quick Response team (QRTs) at the Field

Sl. No.	Name / Designation	Official Address	Contact No.
1.	Nodal Officer	Veterinary Officer, Vety Dispensary ,Banderdewa cum VO,Livestock Checkgate,Banderdewa	9402792306
	Dr.G.B Garam,VO		
	Alternative Nodal Officer		
2	Shri P.K Choudhury ,A/V	IMC, Banderdewa	Mobile:9957884706
	Members		
1	Shri J.Saikia S/M	Vety. Dispensary, Banderdewa	Mobile: 9859549905
2	Shri Tadar Nai,S/M	Vety. Dispensary, Banderdewa	Mobile: 9402235978

Table 67: Quick response team of AH&V at Field

6.7.11.3 Resource Inventory:

Sl. No	Resources	Quantity in nos.	Quantity
1.	Manpower	1. District AH & VO (DVO)	1
		2. VO (AHV)	
		3. VO(Block)	7
		4.Assistant Veterinarian (AV)	
		5.Stockman (SM)	2
		6. Statistical Inspector	
		7.Enumerator	15
		8.Driver	
		9.Peon	31
		10. Dispensary Attendant (DA)	1
		11.Mali	
		12.Night Chowkidar	1
		13.Fodder Assistant	
		14.Poultry	1
		15.Vaccine Carrier	1
			1
			7
			1
			1
			1
			1

			1
2.	Vehicle		
	1.	Old Bolero Car	1

Table 68: Resource Inventory of AH&V Department

6.7.11.4 Manpower

<i>Sl.No</i>	<i>Name</i>	<i>Designation</i>	<i>Branch</i>	<i>Contact No.</i>
1.	Dr. Nido Tayo	VO	Vety.Dispensary, Itanagar	9436632470
2.	Dr.Oying Rukbo	VO	Vety.Dispensary, Itanagar	9436258794
3.	Shri Landi Piliya	Asst.Vet	Vety.Dispensary, Itanagar	8794363217
4.	Shri Nani Chadha	Stockman	Vety.Dispensary, Itanagar	7005848611
5.	Dr.Marli Ette	VO	Vety.Dispensary, Ganga	9436252496
6.	Shri Kabit Pertin	Stockman	Vety.Dispensary, Ganga	9436639638
7.	Shri Mihin Lyong	Stockman	Vety.Dispensary, Ganga	7005243550
8.	Dr.G.B Garam	VO	Vety.Dispensary, Banderdewa	9402792306
9.	Shri.P.K Choudhary	Asst.Vet	IMC,Baderdewa	9957884706
10.	Shri Jayanta Saikia	Stockman	Vety.Dispensary, Banderdewa	9859549905
11.	Shri Tadar Nasi	Stockman	Vety.Dispensary, Banderdewa	9402235978

Table 69: Manpower of AH&V Department

6.7.12 NAME OF THE DEPARTMENT: - HORTICULTURE, YUPIA/ICC

6.7.12.1 Manpower

Sl. No	Name	Designation	Contact Nos.
1	Shri Bulu Tama	D.H.O	Mob: 6009678804 8259892850 9436251930
2	Shri Tapi Abing	H.D.O	Mob: 8256983996

		Naharlagun	9436251930
3	Shri Tagam Ronya	H.D.O Itanagar	Mob: 8131980720
4	Shri Passang Sikiong	H.M.O	Mob: 7005238115 9436221515
5	Smti. Yage Pari	H.D.O Banderdewa	Mob: 8131860907 7638934465
6	Smti. Bamang Yami	F.M	Mob: 8257985887
7	Smti. Yama Kodak	Grafter	Mob: 9402063454 7005825675
8	Smti. Tame Sanliania	Mali	Mob: 9612560989
9	Shri Joram Bath	SDHO	9436637900

Table 70: Nodal Officers of Horticulture

6.7.13 Hospital Disaster Management Plan Operational Policy

6.7.13.1 Ramakrishna Mission Hospital

Contact persons for Hospital Management

Sl.No	Name	Designation	Contact Nos
1.	Swami Vishweshananda	Secretary	9774076214 9436639142
2.	Swami Pradiptananda	Asst. Secretary	9436040453
	Swami Priyatamanada	Member	0360-2212761
3.	Swami Mukteshananda	Member	7044071433 7977496316
4.	Dr. K. Zaman	Medical Superintendent	9436040079
5.	Smti. Tapasi Pandit	Deputy Matron	9436050296
6.	Smti. Rikta Bhattacharjee	Deputy Matron	9436632168
7.	Shri. Krisnodaya Das	Office Manager	9436258899
8.	Shri. Rajbahadur Sonar	PRO	8259001981
9.	Smti. Moromi Boraj	Ward Incharge	8575201025
10.	Smti. M. Topono	Ward Incharge Casualty Ward	8415080817
11.	Smti. Ira Dasgupta	Ward Incharge Male ward-I	9436634630 9774980930
12.	Smti. Aleymma Thomas	Ward Incharge male ward-II	9436896226
13.	Smti. Sarjuebala Devi	Ward Charge female ward-I	7308715700
14.	Smti. Moon chakraborti	Ward Incharge Female ward-I	9436897231
15.	Smti. Rupa Devi valmiki	Ward Incharge Dialysis Unit	9402997751
16.	Smti. Arunima Baruah	OT Incharge	9615511032
17.	Smti. Anita Bagat	Ward Incharge OBS ward	9862692995 9862841274
18.	Smti. Tapasi Dey	Ward Incharge NICU	7005195940

19.	Smti. Namita chowdry	Ward Incharge Pediatric ward	9402997889
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Table 71: List of Contact Details of RK Mission Hospital Itanagar

6.7.13.2 Tomo Riba Institute of Health and Medical Science

Contact persons for Hospital Management

Sl.No.	Name/Designation	Official Address	Contact no.	Role
	Nodal Officer	TRIH&MS,NLG	Mobile:9436040492 Landline:0360- 2351998	Overall management
1.	Dr.H.Ambing,CMS			
2.	Alternate Nodal Officer	-do-	9436054038	To assist nodal Officer
	Dr.T.Taki,Dy.			
	Dr.K.Ete Sr.Biochemist	-do-	9774041566	-do-

Table 72: List of Contact Details of Tomo Riba Hospital Naharlagun

**CHAPTER –VII:
STANDARD OPERATING
PROCEDURES (SOP) AND
PREPAREDNESS**

7 CHAPTER –VII: Standard Operating PROCEDURES (SOP) and Preparedness CHECKLIST FOR ALL DEPARTMENTS AGENCIES

All the actions mentioned above are to be carried out by various departments / agencies to prevent any disaster and to minimize its affects. It is necessary that all the departments have well-defined standard operating procedures and preparedness checklists. The Deputy Commissioner must circulate the standard operating procedures among the departments / agencies and ask for compliance of the preparedness measures in the District Disaster Preparedness Authority meetings. It is absolutely important that all the departments / agencies are very familiar with the overall plan and the procedures specifically applicable to them and report diligently upon their implementation.

Standard Operating Procedures should be modified/updated and improved upon in light of changing circumstances. The District Magistrate should encourage all the departments to suggest changes in these procedures with a view to enhance the effectiveness of the District Disaster Management Plan. The Standard Operating Procedures (SOPs) of various departments at district level are given as under:

7.1 SOP: District Administration

In-charge Officer: Deputy Commissioner, Capital Complex

Preparedness

- Convene the meetings of District Disaster Management Authority.
- Update the District Disaster Management Plan.
- Maintain and activate the District and Sub-divisional Control Rooms.
- Check upon inventory of resources.
- Check the supplies of food grains through the Public Distribution System.
- Prepare a list of relief items to be distributed.
- Prepare a transportation plan for supply of relief items.
- Prepare an evacuation plan for the villages which are marooned / devastated.
- Prepare a list of transit / temporary shelters, and check upon their suitability for accommodating people.
- Convene meetings of NGOs, and assign them specific responsibilities for relief, recovery and rehabilitation.
- Constitute / activate Village-level Preparedness Authorities with the help of PRIs, local NGOs and District Administration.
- Coordinate with Police, SDRF, CRPF, and NDRF 12th Bn for support towards rescue, evacuation and relief during and after disaster.

7.2 SOP: Police

In-charge Officer: Superintendent of Police, City

Preparedness

- Prepare a Deployment Plan for the Police force, based on the needs of the most vulnerable areas. Maintain a list of disaster prone areas in the district.
- Ensure that a sufficient number of police force is available for responding to any disaster.
- Constitute 'Search & Rescue' Teams from the Police force, and arrange training for these units.
- Establish coordination with the Fire & Emergency Services.
- Check the wireless communication network, and secure additional wireless sets for deployment during a disaster.
- Check communication links with the District, Sub-Divisional and other police Control Rooms.
- Keep the police vehicles and equipments in readiness for deployment of the police.
- Identify anti-social elements in the area and take appropriate preventive steps to ensure smooth response and relief operations.

7.3 SOP: Water Resource Department (WRD)

In-charge Officer: Executive Engineer, WRD Yupia-Itanagar Div.

Preparedness

- Prepare and update the flood risk map. The map should show the river system, nalas, embankments and irrigation structures. Distribute the copy of maps to all the control rooms.
- Prepare a contingency plan for the maintenance and repairs of Bunds and embankments.
- Assign 'Beat' to Junior Engineers and other functionaries of the Irrigation Department. Prepare a duty chart for In-charge Junior Engineer. Make available the list of In-charge Junior Engineers to District / Sub-divisional Magistrates, and all the control rooms.
- Make a physical inspection of all the embankments after the last floods for seepage, piping, rat holes and assess needs for repairs and reinforcement. Identify Bunds, which are critical for flood protection and control.

- Prepare a list of critical Bunds/embankments, which need repairs and reinforcement after the last floods. Submit a list of these Bunds/embankments to the District Magistrate and the state government, and ask for necessary financial allocation.
- Commence repairs of Bunds/embankments in the month of January every year after surveying the damages of floods last year, and ensure that all the repairs are completed in the month of March.
- Provide special attention to those places where the Bunds/embankments were breached and repaired during the last floods. These are the Bunds, which will be threatened first, when the floods approach.
- Undertake channel improvement for rivers and nalas. Undertake de-silting / cleaning of Nalas and canals to improve the flow of water.
- Check all the siphons and regulators on the Bunds /embankments and canals. Clean siphons before the monsoon. Increase their capacity or replace them if the size of siphons and regulators is too small to prevent water from flowing in.
- Check all the rain-gauge stations and ensure that they are functioning properly. Check that the readings from these stations are available immediately to the Water Resource Department. Prescribe a register for recording of rainfall.
- Set up the protocol for reporting of flood situation to the District Magistrate / District Control Room.
- Keep in readiness essential tool kits and protection material at critical places for emergency deployment. These may include:
 - Empty cement bags
 - Boulders
 - Ropes
 - Sand
 - Wire mesh
 - Shovels
 - Baskets

- Lights
- Inform the district administration of the places where these materials have been stored.

7.4 SOP: Health Department

In-charge Officer: District Medical Officer, Capital Complex

Preparedness

- Prepare a health contingency plan for the district. It should include a list of civil hospitals, primary health centers and sub-centers, and medical personnel. The contingency plan should also include the details of hospitals and medical practitioners in the private sector.
- Constitute mobile health units consisting of a doctor, health workers and ANMs, and prepare a deployment plan. Each mobile health unit may cover a number of villages.
- Determine types of injuries / illnesses expected. In case of floods, it should mostly be cases of drowning, snake bites, and water-borne diseases.
- Undertake vaccination in the villages most vulnerable to floods.
- Secure medical supplies in adequate quantity for dealing with these situations, which may include:
 - Oral Rehydration Solutions
 - Chlorine Tablets
 - Bleaching Powder
 - Anti-snake Venom
 - Anti diarrheal and Anti emetic Medicines
 - Intravenous fluids
 - Suture Materials
 - Surgical Dressings
 - Splints & Plaster Rolls
 - Disposable Needles and Syringes
 - Local Antiseptics
- Ensure adequate supplies of blood in the district.

- Keep one operating facility in each block in readiness. Maintain all the equipment necessary for operations.
- Prepare a maternity facility for pregnant women in every block.
- Seek mutual aid arrangement with civil and military hospitals in the district.
- Arrange provision of clean water in hospitals and Primary Health Centers.

7.5 SOP: Agriculture Department

In-charge Officer: Dy. Director of Agriculture, Capital-Yupia.

Preparedness

- Ensure that certified seeds of required varieties are available in adequate quantities. The Agriculture Department should work with National Seeds Corporation and other suppliers and ensure availability at their depots or have agents appointed for the same.
- Print and widely distribute the list of points where certified seeds are available along with names of varieties and rates. Notices may be affixed at public places such as bus stands, on buses themselves, PHCs, Block headquarters, etc.
- Suggest variety of seeds and cropping pattern, which can cut losses and reduce the risks to farmers.
- Develop a pest and disease monitoring system so that timely steps can be taken to reduce damage to crops.

7.6 SOP: Animal Husbandry/Veterinary

In-charge Officer: District Veterinary Officer, Capital Complex

Preparedness

- Prepare a list of flood-related diseases that are preventable by vaccination. Publicize the information about common diseases afflicting livestock and the precautions that need to be taken.
- Assist the District Administration in preparing plans for cattle camps and cattle feeding centers.
- Organize vaccination campaigns in flood-prone villages before, during and after the floods.

- Prepare kits for veterinary diseases, which could be provided to veterinary doctors at the block level and Extension Officers at the village level. Kits can also be provided to the private veterinary doctors.

7.7 SOP: PHED

In-charge Officer: Executive Engineer, PHED, Capital Complex.

Preparedness

- Increase the height of pipe by adding a pipe of 3 to 10 feet. It helps extract clean drinking water during the floods.
- Keep raw materials in readiness and install them as soon as any fault is detected.
- Rain water may be harvested during rainy season for alternative drinking water during flood.
- Keep the water tanker in running condition.
- Deploy colony-wise Mate and other staff to immediately attend any kind of fault.

7.8 SOP: Forest Department

In-charge Officer: Divisional Forest Officer, Capital.

Preparedness

- Allow the transportation of fodder from forest areas, when the fodder is not freely available.
- Provide wooden poles and bamboo for relief and reconstruction at subsidized rate. Provide these materials to all the technical departments, which need them

7.9 SOP: Public Works Department

In-charge Officer: Executive Engineer, PWD CD-A/CD-B/Naharlagun.

Preparedness

- Maintain all the highways and access roads, which are critical from the point of view of supplying relief.

- Timely check water logging on main road and get it carpeted before monsoon season.
- Deploy laborers over the bridge and drains to supervise and remove water-logging.
- Construct / reinforce the connecting roads from villages to roads, canals and Bundhs/embankments.
- All equipments ie, Bulldozers, Crane, Truck etc. must be checked and keep in readiness for use during disaster.
- Check and repair all the drainage systems in the rural and urban areas before the monsoon season.

7.10 SOP: Power Department

In-charge Officer: Executive Engineer, Power Naharlagun/Itanagar Div.

Preparedness

- Protect Power Stations from water logging. Raise the height of compound walls. Arrange gunny bags. Install pump sets for draining water.
- Check the electrical lines on a continuous basis. Deploy men and vehicles on every Saturday to clear jungles.
- Take special care to ensure that all the critical facilities like hospitals, Control Rooms, etc. continue to get power and they are functional.
- Proper load shedding schedule must be maintained.

7.11 SOP: Transportation

In-charge Officer: District Transport Officer, Capital Complex

Preparedness

- Prepare a list of vehicles—trucks, buses, MUVs and SUVs in the district and provide the list to the District Control Room.
- Provide Tata Sumo and other vehicles for mobile health and animal husbandry teams.
- Provide trucks, buses and Sumos for evacuation and relief supplies.
- Issue standing instructions to the Suptd of APST for providing buses for sevacuation and relief.

7.12 Do's and Don't During Disasters

7.12.1 Earthquake

Before the earthquake

- Now is the time to formulate a safety plan for you and your family. If you wait until the earth starts to shake, it may be too late. Consider the following safety measures:
- Always keep the following in a designated place: bottled drinking water, non-perishable food (*chura, gur*, etc), first-aid kit, torch-light and battery-operated radio with extra batteries.
- Teach family members how to turn off electricity, gas, etc.
- Identify places in the house that can provide cover during an earthquake.
- All Emergency Phone numbers are to be collected in advance for communication during Emergency.

If outdoors:

- Move into the open, away from buildings, streetlights, and utility wires. Once in the open, stay there until the shaking stops.
- If your home is badly damaged, you will have to leave. Collect water, food, medicine, other essential items and important documents before leaving.
- Avoid places where there are loose electrical wires and do not touch metal objects that are in touch with the loose wires.
- Do not re-enter damaged buildings and stay away from badly damaged structures.

During Earthquake

- Earthquakes give no warning at all. Sometimes, a loud rumbling sound might signal its arrival a few seconds ahead of time. Those few seconds could give you a chance to move to a safer location. Here are some tips for keeping safe during a quake.
- Take cover. Go under a table or other sturdy furniture; kneel, sit, or stay close to the floor. Hold on to furniture legs for balance. Be prepared to move if your cover moves.

- If no sturdy cover is nearby, kneel or sit close to the floor next to a structurally sound interior wall. Place your hands on the floor for balance.
- Do not stand in doorways. Violent motion could cause doors to slam and cause serious injuries. You may also be hit by flying objects.
- Move away from windows, mirrors, bookcases and other unsecured heavy objects.
- If you are in bed, stay there and cover yourself with pillows and blankets
- Do not run outside if you are inside. Never use the lift.
- If you are living in a *kutchra* house, the best thing to do is to move to an open area where there are no trees, electric or telephone wires.

Post-Earthquake.

- Wear shoes to protect your feet from debris
- After the first tremor, be prepared for aftershocks. Check for fire hazards and use torchlight instead of candles or lanterns.
- If the building you live in is in a good shape after the earthquake, stay inside and listen for radio advises. If you are not certain about the damage to your building, evacuate carefully. Do not touch downed power line.
- Help injured or trapped persons. Give first aid where appropriate. Do not move seriously injured persons unless they are in immediate danger of further injury. In such cases, call for help.
- Remember to help your neighbours who may require special assistance-infants, the elderly, and people with disabilities.
- Listen to a battery-operated radio for the latest emergency information.
- Stay out of damaged buildings, Return home only when authorities say it is safe.
- If you smell gas or hear hissing noise, open windows and quickly leave the building. Turn off the switch on the top of the gas cylinder.
- Look for electrical system damages - if you see sparks, broken wires, or if you smell burning of amber, turn off electricity at the main fuse box. If you have to step in water to get to the fuse box, call an electrician first for advice.

- Check for sewage and water lines damage. If you suspect sewage lines are damaged, avoid using the toilets. If water pipes are damaged, avoid using water from the tap.
- Use the telephone only for emergency calls.
- In case family members are separated from one another during an earthquake, develop a plan for reuniting after the disaster.

7.12.2 Flood:

Before flood

- All your family members should know the safe route to nearest shelter/ raised *pucca* house.
- If your area is flood-prone, consider alternative building materials. Mud walls are more likely to be damaged during floods. You may consider making houses where the walls are made of local bricks up to the highest known flood level with cement pointing.
- Have an emergency kit on hand which includes a:
 - A portable radio, torch and spare batteries;
 - Stocks of fresh water, dry food (*chura, mudi, gur*, biscuits), kerosene, candle and matchboxes;
 - Waterproof or polythene bags for clothing and valuables, an umbrella and bamboo stick (to protect from snake), salt and sugar.
 - A first aid kit, manual and strong ropes for tying things

When you hear a flood warning or if flooding appears likely

- Tune to your local radio/TV for warnings and advice.
 - Keep vigil on flood warning given by local authorities
 - Don't give any importance to rumours and don't panic
 - Keep dry food, drinking water and clothes ready

- Prepare to take bullock carts, other agricultural equipments, and domestic animals to safer places or to higher locations.
- Plan which indoor items you will raise or empty if water threatens to enter your house
- Check your emergency kit

During floods

- Drink boiled water.
- Keep your food covered, don't take heavy meals.
- Use raw tea, rice-water, tender coconut-water, etc. during diarrhoea; contact your ANM/AWW for ORS and treatment.
- Do not let children remain on empty stomach.
- Use bleaching powder and lime to disinfect the surrounding.
- Help the officials/volunteers distributing relief materials.

If you need to evacuate

- Firstly pack warm clothing, essential medication, valuables, personal papers, etc. in waterproof bags, to be taken with your emergency kit.
- Take the emergency kit
- Inform the local volunteers (if available), the address of the place you are evacuating to.
- Raise furniture, clothing and valuables onto beds, tables and to the top of the roof (electrical items highest).
- Turn off power.
- Whether you leave or stay, put sandbags in the toilet bowl and over all laundry / bathroom drain-holes to prevent sewage back-flow.
- Lock your home and take recommended/known evacuation routes for your area.
- Do not get into water of unknown depth and current.

If you stay or on your return

- Stay tuned to local radio for updated advice.
- Do not allow children to play in, or near, flood waters.

- Avoid entering floodwaters. If you must, wear proper protection for your feet and check depth and current with a stick. Stay away from drains, culverts and water over knee-deep.
- Do not use electrical appliances, which have been in floodwater until checked for safety.
- Do not eat food, which has been in floodwaters.
- Boil tap water (in cities) until supplies have been declared safe. In case of rural areas, store tubewell water in plastic jars or use halogen tablets before drinking.
- Be careful of snakes, snakebites are common during floods.

7.12.3 Fire Accident:

High-Rise Fires:

- Calmly leave the apartment, closing the door behind you. Remember the keys!
- Pull the fire alarm near the closest exit, if available, or raise an alarm by warning others.
- Leave the building by the stairs.
- Never take the elevator during fire.

If the exit is blocked by smoke or fire:

- Leave the door closed but do not lock it.
- To keep the smoke out, put a wet towel in the space at the bottom of the door.
- Call the emergency fire service number and tell them your apartment number and let them know you are trapped by smoke and fire. It is important that you listen and do what they tell you.
- Stay calm and wait for someone to rescue you.

If there is a fire alarm in your building which goes off:

- Before you open the door, feel the door by using the back of our hand. If the door is hot or warm, do not open the door.

- If the door is cool, open it just a little to check the hallway. If you see smoke in the hallway, do not leave.
- If there is no smoke in the hallway, leave and close the door. Go directly to the stairs to leave. Never use the elevator.

If smoke is in your apartment:

- Stay low to the floor under the smoke.
- Call the Fire Emergency Number which should be pasted near your telephone along with police and other emergency services and let them know that you are trapped by smoke.
- If you have a balcony and there is no fire below it, go out.
- If there is fire below, go out to the window. **DO NOT OPEN THE WINDOW** but stay near the window.
- If there is no fire below, go to the window and open it. Stay near the open window.
- Hang a bed sheet, towel or blanket out of the window to let people know that you are there and need help.
- Be calm and wait for someone to rescue you.

General Tips:

- Do keep the phone number of the Fire Service near the telephone and ensure that everyone in the family knows the number.
- Do keep matches and lighters away from children.
- Do sleep with your bedroom closed to prevent the spread of fire.
- Do you know that you should never run if your clothes are on fire and that you should - “STOP – DROP-ROLL”

Lightning & Thunderstorm Safety Tips:

Lightning facts and myths

- When struck, people do not glow or fry to a crisp but the heart and breathing are often affected.

- Only about 30% of people struck actually die, and the incidence of long-term disability is low, particularly when appropriate first aid is applied promptly.
- If your clothes are wet, you are less likely to be seriously injured if struck, as most of the charge will be conducted through the wet clothes rather than your body.
- Lightning can, and often does, strike more than once in the same place.

If caught outdoors

- If you hear thunder 10 seconds after a lightning flash, it is only about three kilometres away. The shorter the time, the closer the lightning, so find shelter urgently:
- Seek shelter in a hardtop (metal-bodied) vehicle or solid building but avoid small open structures or fabric tents.
- Never take shelter under a small group of (or single) trees.
- If far from any shelter, crouch (low, feet together), preferably in a hollow. Remove metal objects from head / body. Do not lie down flat but avoid being the highest object.
- If your hair stands on end or you hear 'buzzing' from nearby rocks, fences, etc, move immediately. At night, a blue glow may show if an object is about to be struck.
- Do not fly kites during thunderstorms.
- Do not handle fishing rods, umbrellas or metal rods, etc.
- Stay away from metal poles, fences, clotheslines etc.
- Do not ride bicycles or travel on open vehicles.
- If driving, slow down or park away from trees, power lines, stay inside metal-bodied (hard top) vehicles or in a *pucca* building but do not touch any metal sections.
- If in water, leave the water immediately.
- If on a boat, go ashore to a shelter as soon as possible.
- Be sure the mast and stays of the boat are adequately secured.

If you are indoors

- Before the storm arrives, disconnect external aerial and power leads to radios and television sets. Disconnect computer modems and power leads.
- Draw all curtains and keep clear of windows, electrical appliances, pipes and other metal fixtures (e.g. do not use the bath, shower, hand basin or other electric equipments).
- Avoid the use of fixed telephones. In emergencies, make calls brief, (do not touch any metal, brick or concrete) and do not stand bare foot on concrete or tiled floors.

First Aid

- Apply immediate heart massage and mouth-to-mouth resuscitation to lightning victims until medical help arrives. (You won't receive a shock from the victim).



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