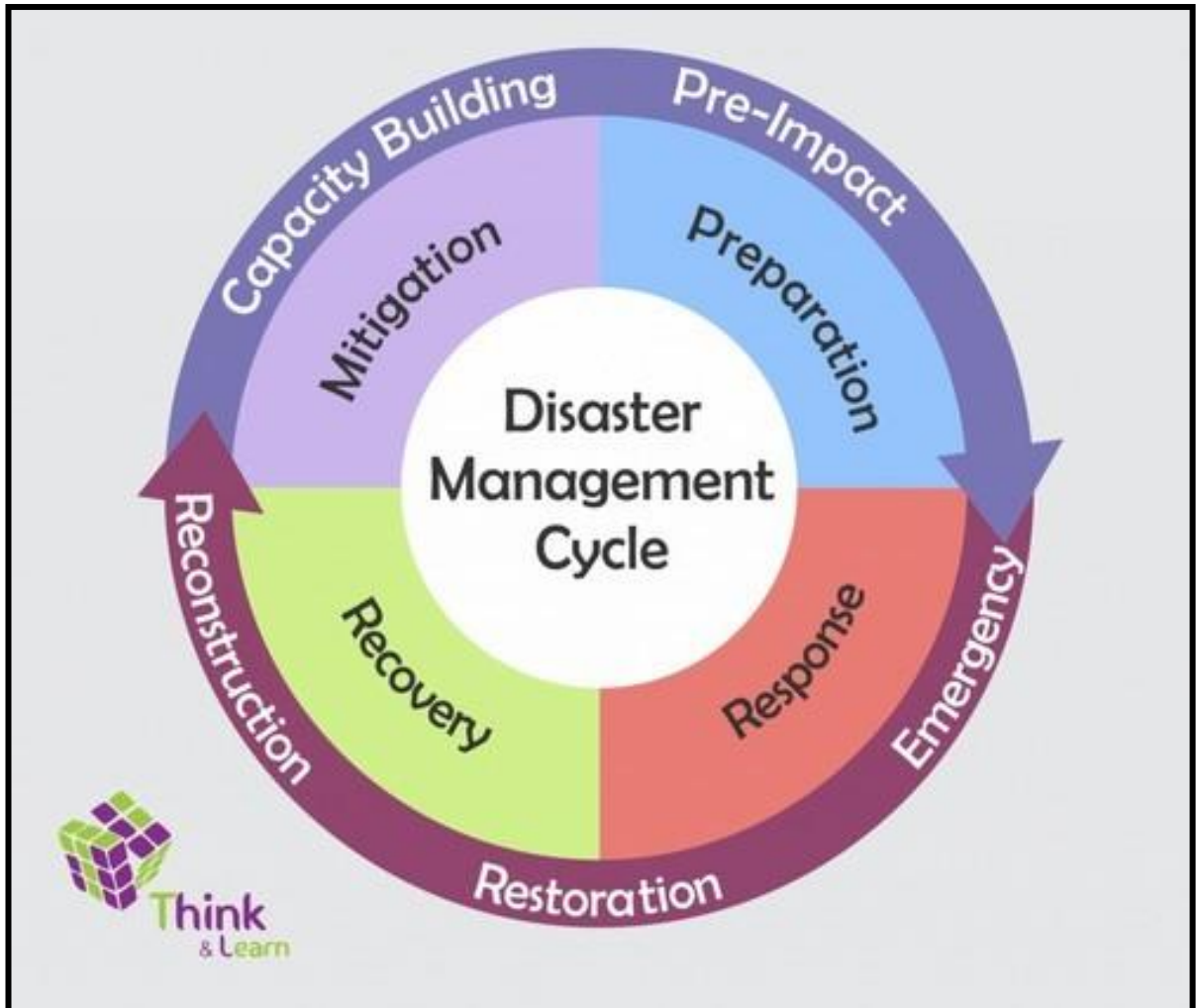


# District Disaster Management Plan-2024



**Disaster Management Branch- Collector Office District Botad  
Gujarat State Disaster Management Authority**

**Gujarat Government**

## Introduction

Disaster can strike at any time. At this time preparedness and planning is required to minimize loss of life and property. Disasters have been faced in the past with more or less success, but if we look at the history, we have the human race saving a lot from many disasters in the past. Natural disasters can never be completely avoided, but with proper planning, their impact and losses can be minimized.

Modern disaster management has its roots in these experiences and lessons. Keeping this in mind, there is a need to create a disaster management policy and a suitable system for it, through which the coming disasters can be identified and their extent and effects can be dealt with through proper preparations. The state government has developed a strategic vision of disaster management to deal with the critical impact of disasters on the economic and social development of the state. The main purpose of which is to prevent the loss of life and property due to the disaster and to reduce the effects caused by it and to restore the situation.

The Gujarat State Disaster Management Authority (GSDMA) has taken a comprehensive approach keeping in mind the holistic framework of disaster management. This organization not only looks at relief work, rehabilitation or disaster recovery but also prepares strategies and plans on how to make advance preparations. As a part of which District Disaster Management Plan Disaster Response Plan is also prepared.

This document of District Disaster Management Plan (DDMP) has been prepared by collecting/compiling the information from the departments while preparing the Disaster Management Plan of Botad District.



Collector and District Magistrate Office  
Botad

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# PREFACE

Calamity may strike anytime. Equipment and planning is required for being minimum loss of given and properties at this time. In former time also calamities are faced with less or more success but if we take sight on history of man kind saving much more from too many calamities are before us natural calamities can be never avoided fully but by proper planning reduction in effect and loss arising from it can be done necessarily.

Root of modern calamity planning is received from experiences and studies of this kind policy of calamity can be known and its expanse and effects can be faced by proper preparations state government has developed strategic perspective of calamity panning for facing decisive effect falling on economical and social development of state of calamities by state government of which main intention is to stop loss life and properties and being done due to calamity is to be constructed in to previous position by lessening effects being derived due to it.

Gujarat state disaster management authority has kept extended opinion keeping in to account to total structure of disaster management. This institution not looking only matters for in relief work, to be risen from restitution or disaster how to do advance preparations and its strategy and planning is also prepaid of which part of district disaster management plan disaster response plan is also being prepaid.

This deed of district disaster management plan (DDMP) by collecting/integrating report from departments at the time of preparing disaster management plan of Botad district has been prepared which will be suggestive in lessening in loss derived from disaster.

## **Introduction:**

When man struggles between death at the time of disaster, each minute is precious if anybody is for victim that is communication gap it is expected that is comprised of various workers working in numerous fields towards oriented response for lessening loss and making restitution simple police, fire and emergency services and health services are first responsive at the time of disaster search and saving, traffic control, medical assistance and at the time of disaster activities related to transportation and enough communication system and control are necessary fruitful result can not be received due to communication gap in essential functionality role of emergency operation center for preserving uniformity in functionality is of importance.

Before disaster, attention is being centered on communication management for precaution and to beside on position from field communication management during disaster becomes important that is center place of response and of all crisis, communication transactions for restitution functionality this contingency functionality center is key for bringing people and resources for completing work with contingency and disaster exclusive disaster is structure for maintaining exclusive functionality in regards to this structure planning of policy for assistance after disaster management of functionality, co-ordination of functionality are held such matters functionality of district emergency operation center is of importance in functionality of re-habilitation and restitution and search, saving, relief being active constant 24 hrs.

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

Disaster are woven with men in context of present time indian government taking this subject matter very seriously in august 1999 formed one high powered committee and after Gujarat earth quake of 2001, disaster management plan was accepted as mitigation mechanism.

On 23rd december 2005, disaster management act.2005 was enacted by indian government and form of national disaster management authority (NDMA) under chieftain of prime minister was done as per it and decision was taken of making for proper disaster management form of state disaster management authority under chieftain of chief minister for states various tacks are to be done for facing to disasters by NDMA in which risk reduction, rehabilitation like as matters are comprised above all necessary guidelines in

regards to natural and man created calamities in national disaster management act 2005 have been given in.

### **Disaster Risk Reduction Post-2015**

Post 2015, there has been a significant shift from the approach of Managing Disasters to Managing Risk. The three landmark global agreements viz. the Sendai Framework for Disaster Risk Reduction 2015-30 (SFDRR), Sustainable Development Goals (SDG) and the Paris Agreement (CoP21) set the stage for future global action on Disaster Risk Reduction (DRR), sustainable development and climate change.

### **Sendai Framework of Actions for Disaster Risk Reduction 2015-2030**

The Sendai Framework for Disaster Risk Reduction 2015-2030 (SFDRR) was adopted at the Third United Nations World Conference on Disaster Risk Reduction held in Sendai, Japan in March 2015. The SFDRR is a document that outlines four priorities for action to achieve 7 targets, which in turn would lead to one outcome which is a substantial reduction of disaster risk and losses in lives, livelihoods, health, the economy of persons, businesses, communities and countries. India is a signatory to the Sendai Framework for a 15-year, voluntary, non-binding agreement that recognizes that the State has the primary role in reducing disaster risk, but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders.

#### **The Four priorities of action are:-**

- A. Understanding Disaster Risk
- B. Strengthening Disaster Risk Governance to Manage Disaster Risk
- C. Investing in Disaster Risk Reduction for Resilience
- D. Enhancing Disaster Preparedness for Effective Response and to 'Build Back Better' in
- E. Recovery, Rehabilitation and Reconstruction

#### **The seven global targets are: -**

- F. Substantially reduce global disaster mortality by 2030, aiming to lower the average per 100,000 global mortality rates in the decade 2020-2030 compared to the period 2005-2015
- G. Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 in the decade 2020-2030 compared to the period 2005-2015
- H. Reduce direct disaster economic loss in relation to global gross domestic product (GDP)

by2030

- I. Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing the resilience by2030
- J. Substantially increase the number of countries with national and local disaster risk reduction strategies by2020
- K. Substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of this Framework by 2030
- L. Substantially increase the availability of and access to multi-hazard early warning system and disaster risk information and assessments to the people by2030

### **Sustainable Developmental Goals**

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in September 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. The 17 SDGs are integrated that is, they recognize that action in one area will affect outcomes in others, and that development must balance social, economic and environmental sustainability. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests. To make the 2030 Agenda a reality, broad ownership of the SDGs must translate in to a strong commitment by all stake holders to implement the global goals.

### **Paris Agreement on Climate Change Action and Disaster Risk Reduction (CoP 21)**

The Cop 21 the Paris Climate Conference held in December 2015 led to a new international climate agreement, applicable to all countries, aiming at “holding the increase in the global average temperature to well below 2°C above industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change”. The Paris Agreement recognized the need for loss and damage associated with the effect so climate change. The agreement identified area so co-operation central to DRR and called for investments to address the underlying risk drivers associated with rising greenhouse gas (GHG) emission levels and to inspire innovation and low-carbon growth.

The State Disaster Management Plan (SDMP) has tried to envisage coherence across the states.

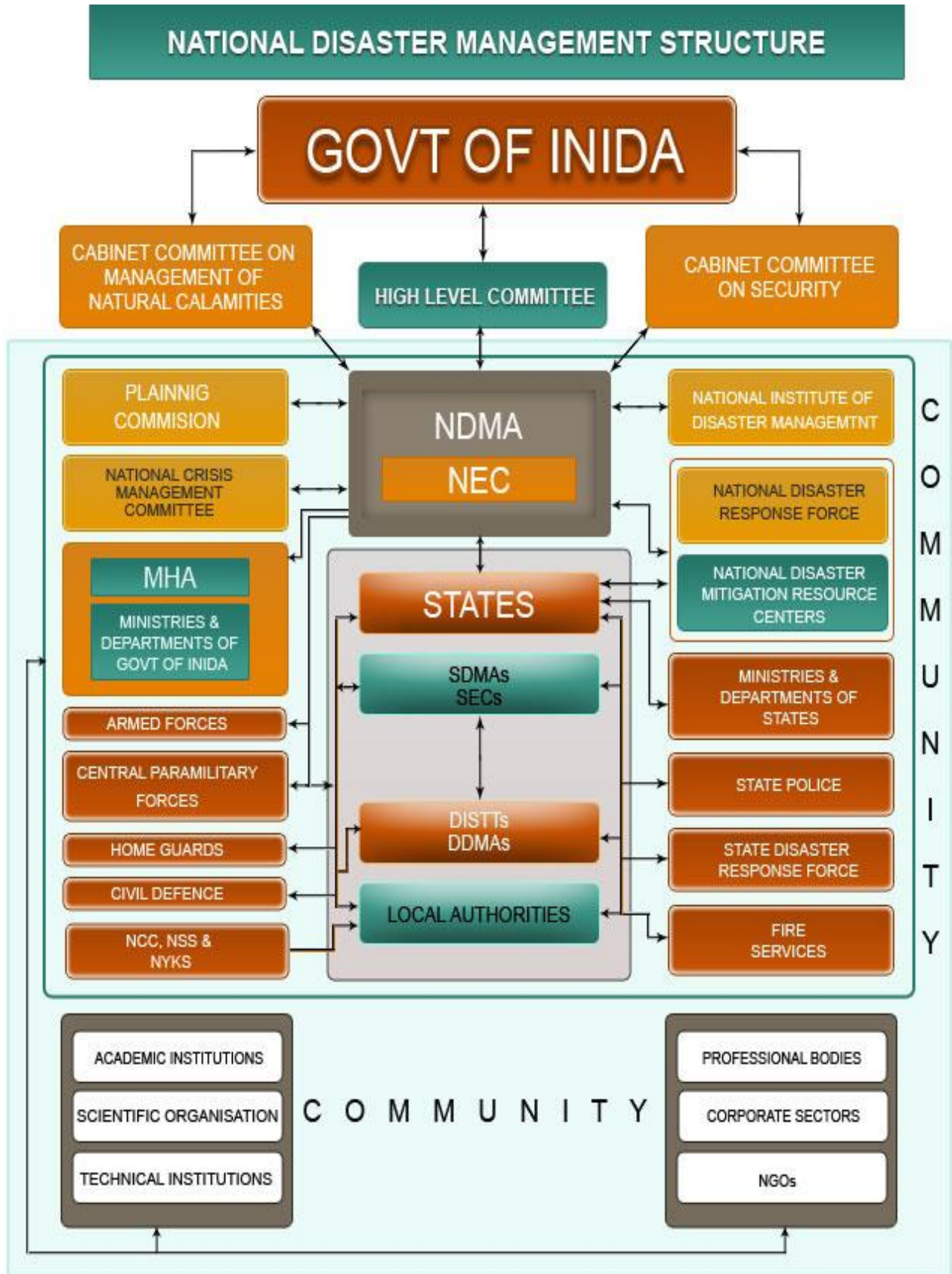
Efforts for DRR, sustain able development, and the action sin response to climate change. Prime Minister’s 10-Point Agenda towards Disaster Risk Reduction.

The Prime Minister, Shri Narendra Modi, listed a Ten -Point Agenda in his inaugural speech at the Asian Ministerial Conference on Disaster Risk Reduction 2016, held in New Delhi in November 2016 (AMCDRR), which has also been incorporated in the SDMP. The ten key elements consist of the following:

1. All development sectors to imbibe principles of Disaster Risk Management
2. Work towards risk coverage for all-starting from poor households to small and medium enterprises to multi-national corporations to nation states.
3. Encourage greater involvement and leadership of women in disaster risk management.
4. Invest in risk mapping globally related to hazards such as earthquakes based on widely accepted standards and parameters.
5. Leverage technology to enhance the efficiency of disaster risk management efforts.
6. Development work of universities to work on disaster issues.
7. Utilize the opportunities provided by social media and mobile technologies.
8. Build on local capacity and initiative. Response agencies need to interact with the communities and make them familiar with the essential drill of disaster response.
9. Ensuring that disaster learning is well documented.
10. Bring about greater cohesion in international response to disasters.



# NDMA Structure



## Gujarat State Disaster Management Authority – GSDMA

Our state often becomes victim of disaster sometimes such disaster are terrible that local lives of people of state and total planning due to this disaster is disturbed this is experience of all of us policy above disaster management and restitution and rehabilitation have been determined by Gujarat state by passing Gujarat state disaster management act-2003 and 5th of month April of year 2003 was published in Gujarat gazette on 8th February 2001 form of Gujarat state management authority has been done vast project of multi faceted reconstruction, restitution re-habilitation for getting erected affected areas of earth quake after Kutch earth quake by taken in to account with help by world bank, Asian development bank and international organizations, Indian government, state Government, voluntary institutions etc. and difficult tasks being praisable of all the world has been shown being completed in only period of two-three years.

Disaster risk management programme was handed by support of united nation development programme by GSDMA maximum group of people by programming like a disaster management plan, awareness, competence exceeding (Trainings) up to rural level under of it one being equipped against disasters.

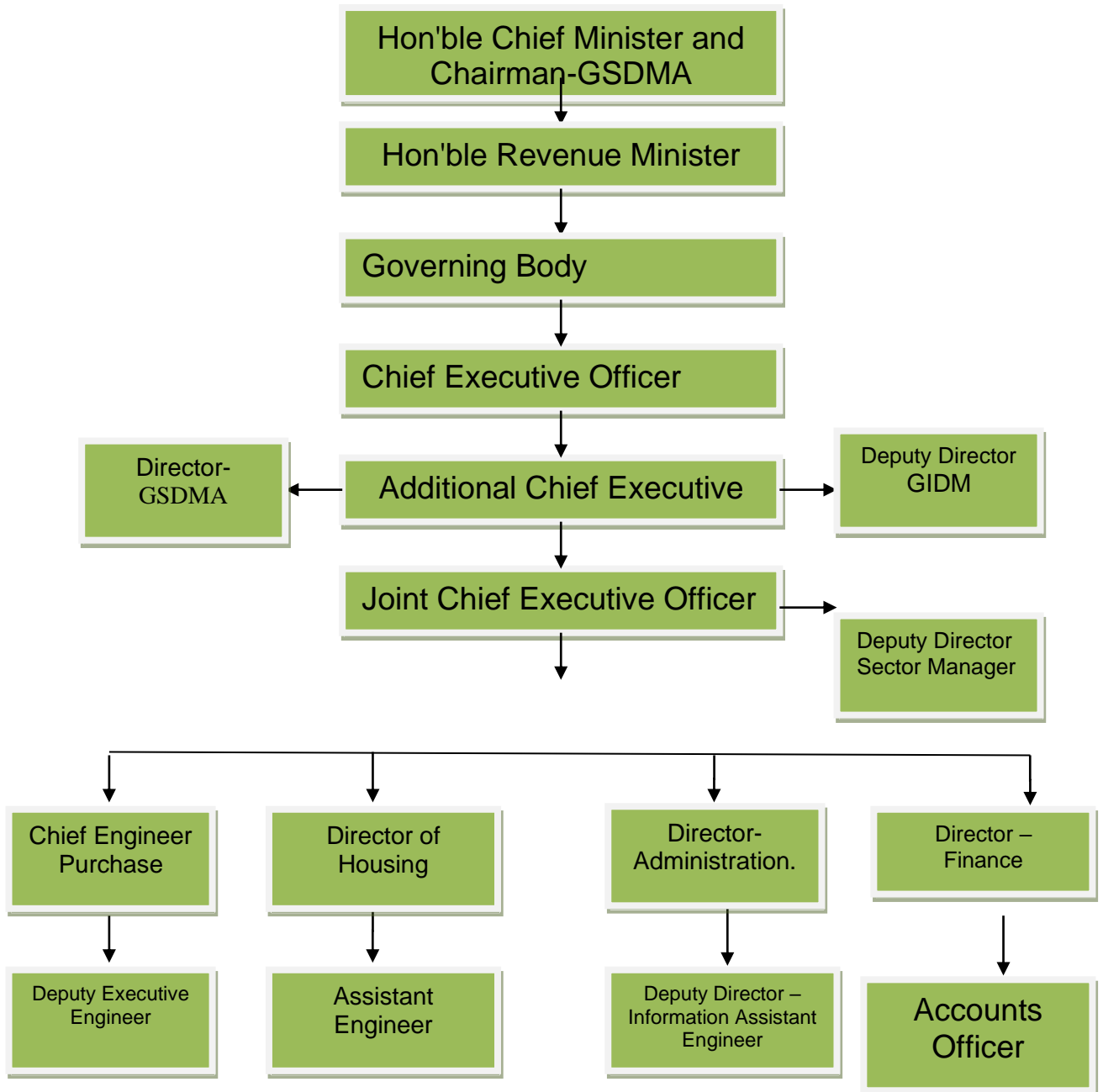
### SN updation RD

Preparation of state disaster resource network (S.D.R.N.) with Co-ordinate my with bisag by GSDMA has been done all the details oriented to disaster management to VDMP, TRMP and CDMP on SPRN have been completed by mamalatdar, Talati, development officer and chief officer username and password are as below for usage of it.

**WWW.GSDMA.org//sdrn new**

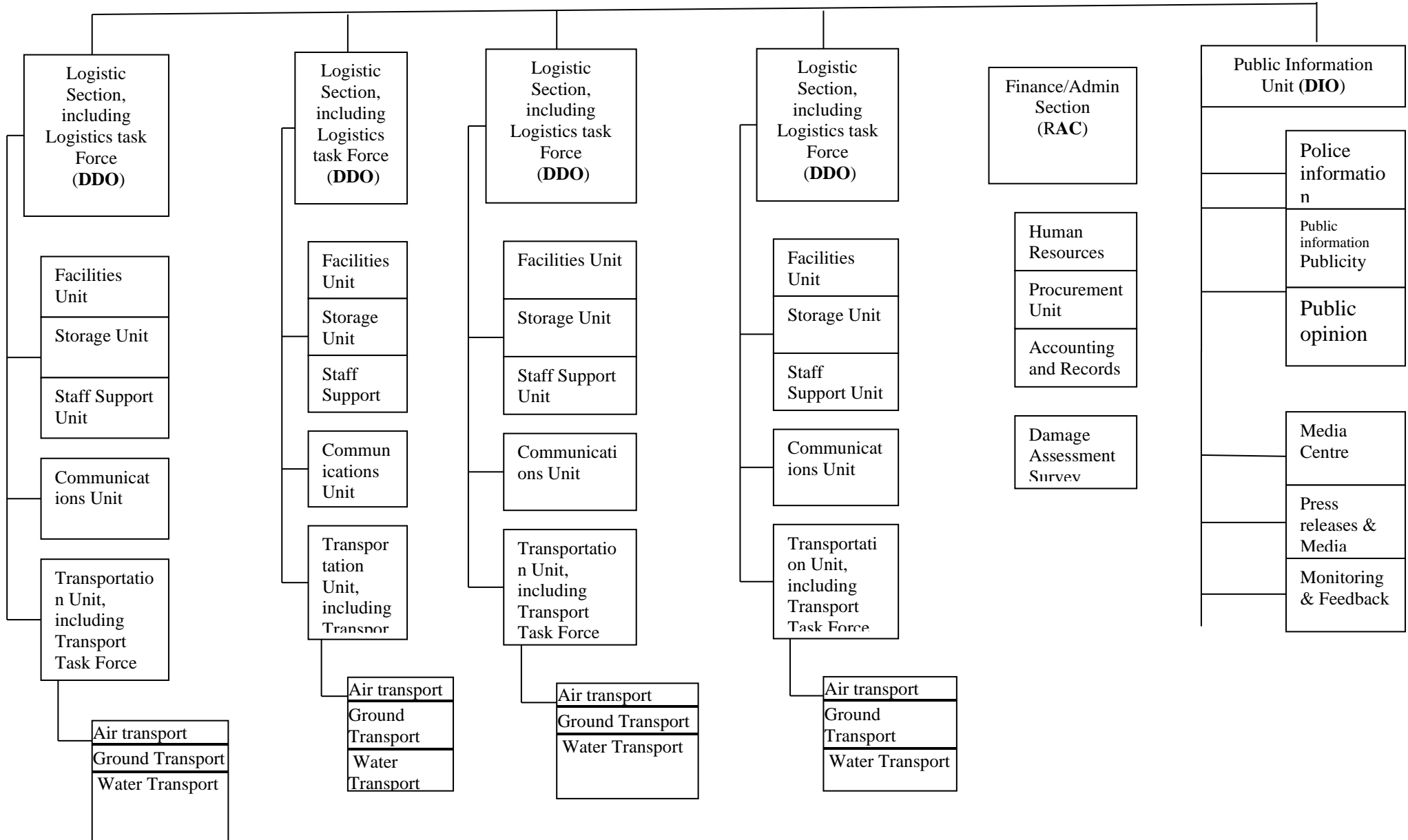
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<b>2</b>	Botad	<a href="#">Botad@123</a>
<b>3</b>	Gadhada	<a href="#">Gadhada@123</a>
<b>4</b>	Ranpur	<a href="#">Ranpur@123</a>

## GSDMA Structure



# **DDMP Part-1**

**Incident Commander  
(Collector/ DM)**



## ❖ Warning :-

It often happens that the message and warning about a disaster cannot be conveyed to the people in remote areas in time. Sometimes information spread by rumors before and during a disaster can cause panic and misunderstanding among the public, so the effects of a disaster can be minimized by clearly communicating the warning message to the right group at the right time. ICS is important for timely delivery of reliable information

### Early warning program

type of work	Pur	Storm	Chemical and Industrial	
Existing early warning system	Irrigation Department/ Demo Authority/ Meteorological Department. ↓ Mr. Collector. ↓ Mamlatdar/ T.D.O. ↓ villages.	Meteorolog ical Department ↓ Mr. Collector. ↓ Mamlatdar/ T.D.O. ↓ villages.	Industries association ↓ DCG ↓ LCG ↓ Mamlatdar	
Responsible Department	Mamlatdar/ T.D.O.	Mamlatdar/ T.D.O.	Mamlatdar/ T.D.O.	
Availability of trained operators	Yes	Yes	No	
Villages covered	Villages that are potentially at risk of that crisis.			
Villages/colonies where warning and messages are not reachable or difficult to reach.	Community which lives far away in villages eg fishermen, salt artisans, porters etc.			
Necessary steps to reach alert message within time frame (eg. making sound message operational)	Inclusion of families living far away in villages in the task force and arrangement of communication system.			

❖ **Activation of disaster management operations:-**

<b>Contingency Management Task Force</b>	<b>tasks</b>
(1) Coordination and planning:	Coordinating early warning, response and restoration operations.
(2) Administrative and Protocol:	Provide assistance in disaster management operations by completing clerical work and other administrative tasks to ensure effective and timely relief assistance.
(3) Warning:	Collecting and disseminating early warning of potential disasters.
(4) Law and Order :	Ensuring enforcement of all laws and maintenance of order in the affected area.
(5) Search and rescue (including evacuation).	Providing necessary manpower and other equipment to assist in local evacuation, search and rescue efforts.
(6) Public works:	Provides the necessary personnel and resources to support local efforts to restore normal operating infrastructure.
(7) Water :	Provides drinking water for human and animal consumption and sufficient water for industrial and agricultural use.
(8) Food and relief supplies:	Provision of basic necessities of food and other relief to the affected population.
(9) Power Supply :	Provides tools to restore normal power supply and power systems to affected communities.
(10) Public Health and Hygiene (Primary Treatment and Medical Care)	Provides staffing and resources for public health problems, and restores normal medical care systems
(11) Animal health and welfare:	Provides for health and other care of disaster affected animals.
(12) Shelter :	Provides materials and supplies to ensure temporary shelter for the disaster-affected population.
(13) Support system:	Provides for storage and movement of relief supplies for evacuation in coordination with other task forces and competent authorities
(14) Survey (damage assessment):	Collects and classifies information on disaster impacts. Equipment requirement estimates and relief planning are developed, and damage estimates are prepared by forming survey teams at the district and state authorities and village levels.

(15) Second communication system:	Coordinates the operation of all communications systems (ie radio, TV, telephone, wireless) necessary to support early warning or post-disaster operations.P
(16) Maghyamo (Public Information) :	Print and electronic media provide communication and support in the functioning of early warning and post-disaster reports related to disasters.

❖ **Management Operations Department :-**

This department is responsible for carrying out specific operations as per the targets and plans related to the immediate impact of the accident, task forces under the operations department, undertake special operations tasks such as search and rescue, water or shelter, composition and constitution of such task force depends on the type of incident.

The district administration has earmarked 16 task forces for key response operations tasks, as mentioned below. Additional task forces may be added under the operations department as per the necessity of the disaster situation, each task force and organization and other organizations follow with assistance Exclusive response, performance and responsibilities incident of above mentioned workforce will be performed and co-ordinated through control department - Gujarat state for example flood, search and saving functionality will be under development. Transportation under assistance department and public information will be under division.

▪ **Caution Broadcasting :-**

Caution and its broadcasting in district will be dependent on instruction receiving from state and national level and broadcasting as per instructions receiving time to time by state for cast receiving by indian government, earth science ministry indian weather department will be done and caution is given by getting driven rickshaw/stick/mobile sms to taluka and rural level.

▪ **Aggregation of tool-material:-**

Aggregation of tool at the time of any disaster in district is very necessary aggregation of tool as per instructions receiving from state and national level at the time of disaster by co-ordinating with all the departments of district will be performed.



## Action plan

<b>Definite action plans before, during and after a disaster.</b>			
<b>Coordination and Planning: Coordinates early warning, response and restoration operations.</b>			
<b><u>Officer Heading the Task Force: Collector</u></b>			
	<b>What work has to be done</b>	<b>Requirements or conditions.</b>	<b>Time limit.</b>
<b>Before the disaster</b>	Setting up disaster management structures at village level. (DDMC).	Its connection and establishment of flood control system at the state level	is ongoing.
	Developing disaster plans at all levels below the village level. (DDMC)	-	is ongoing.
	Conduct regular meetings with government, non-governmental organizations, and the private sector on disaster management. (DDMC)	-	Quarterly
	Continuing training including public awareness (DDMC and Media Task Force)	Inclusion of Gujarat State Disaster Management Authority and United Nations Development Project.	is ongoing.
	Testing of warning communication systems and other systems as well as use of drills	-	is ongoing.
	Hold a meeting with the Crisis Management Committee (Collector).	Communication between district and state control link	After receiving the warning
	Manpower availability at all levels (disaster-affected district, taluka, village) (telecommunication system, medium manpower)	Communication systems and procedures	As decided by the Crisis Management Committee
	Information Dissemination (Case Management Committee, Media Task Force)	-	as determined

	Keeping resources ready to handle the situation of vulnerable stations taking into account the nature of the disaster	Distant communication system, scheme	as determined
	Setting up an alternative communication system (Distance Communication System Task Force)	-	as determined
<b>During a disaster</b>	Initiating search, rescue and evacuation activities.(CMC)	Conducting search and rescue forces.	immediately
	Collecting information on extent of damage and affected area.	The assessment team has communication systems and vehicles.	Starting in 4 hours.
	Developing a plan and advising the Task Force on its location and duties, (CMC)	Damage and affected area information	Starting in 4 hours.
	Employ external resource assets..(CMC)	Loss and need information	Starting in 5 hours.
	Providing public information.		Starting in 6 hours.
<b>12 hours</b>	Initiate a report on the steps taken and the progress of the Task Force.	Managing communication systems.	Starting at 12 hours.
	Reassess damage information, equipment, needs and problem areas/activities. (CMC)	-	Starting at 12 hours.
	Starting a staffing hierarchy.(CMC)	-	Starting at 12 hours.
	To establish regular contact with the State Control Room.	Communication system in progress	Starting at 12 hours.
	To concentrate all efforts in relief.(CMC)	-	all the time
	Rehabilitating critical infrastructure (through public works and other task forces, (CMC)	-	To be done 48 hours before
<b>48hour</b>	Continue to review and re-evaluate performance.	Based on performance information	-
	Conduct a comprehensive damage assessment. and Damage Assessment Task	-	-

	Force)		
	Establishing a temporary rehabilitation plan.(CMC)	-	-
	To release from situational (support systems/equipment) operations.(CMC)	-	-
	Focusing on normalizing the situation. (CMC)	-	72 hours ago
<b>72 hours</b>	Initiate rehabilitation activities.	plan	-
	Conduct a detailed survey of losses and needs. (CMC) and Damage Assessment Task Force	-	-
	Initiate regular reporting of performance.	Operations Information obtained from operations	as soon as possible
	Revamping of all public and private sector services.(CMC)	-	as soon as possible
	Lecture meeting,(CMC and other)	-	Two weeks later
	Final report/case study,(CMC)	-	When the activities are completed

**Warning: Gathering and disseminating informational warnings of potential disasters.**

**Officer Heading the Task Force: Resident Additional Collector**

<b>During the warning</b>	Checking whether the communication system and warning system are working	-	Every fifteen days.
	Keep warning messages prepared in advance.	-	-
<b>Before the disaster</b>	Receiving and sending alerts. (Task Force)	Coordinating with the Task Force, Distance Communication System	As alerted
	Verifying and Understanding Alerts Received (Task Force)	-	Within 12 hours of sending the alert
	Verify the warning yourself if possible. task force)	-	As per the time

**Law and Order :- Ensures awareness of all law enforcement and order in the affected area.**

**Officer Heading Task Force: Superintendent of Police**

<b>During the warning</b>	Evaluating normally available resources against expected needs during a disaster. (Task Force)	-	To be completed in 8 days.
	Estimation of Manpower and Equipment Required for Disaster (Task Force)	Based on the scale of number of safety personnel per population based on disaster severity	To be completed in a week.
	Coordination with Planning and Revenue Department (Task Force)	-	-
	Conducting drills including creating public awareness. (Task Force)	Includes the participation of a medium task force.	Every 45 days
	Checking the communication system. (Wireless Inspector)	-	Within 1/2 hour of warning
	To alert police and task force members. (Superintendent of Police)	-	Within 1/2 hour of warning
	Implementing standard operating procedures regarding duty sharing for personnel and other equipment. (Superintendent of Police)	-	Within 1/2 hour of warning
	Develop a preliminary estimate of requirements to assist other task forces. (Superintendent of Police)	-	Within 1/2 hour of warning

<b>In times of disaster</b>	To receive orders from Control Room (Superintendent of Police) for deployment of personnel.	Communication system functioning	immediately
	Determining the status of personnel and facilities. (Superintendent of Police)	Communication system functioning	Within 1-2 hours of disaster
	Employing additional employees. (Superintendent of Police)	Vehicles must be available	Within 2-3 hours of disaster
	Monitoring of Equipment Assets/Materials — Inspection (Superintendent of Police)	-	Within 1 hour of disaster
	Setting up of VVIP units. (Superintendent of Police)	-	immediately
	Request additional equipment if needed. (Superintendent of Police)	Commissioning of communication systems.	Within 4 hours of disaster
<b>12 hours</b>	Initiate regular reporting (Task Force).	Communication system functioning	As soon as the disaster begins
	To start the ranking of Kamcharigaan. (Task Force)	-	As soon as the disaster begins
	Taking up the problem of crowd control (Task Force)	-	As required
	Implementation of Standard Operating Procedures to Prevent Looting or Theft (Task Force)	-	As required
	Rumor Control (Task Force)	Collector, Maghyam, NGO, local leaders.	As required
	To provide information to the people about the status of the sites etc. (Task Force)	Control room, media, work force	As required
<b>48 hours</b>	Implementation of force management plan (increase/decrease/release force.)	-	From the beginning of the period
	Plan for Normal Status (Superintendent of Police, Task Force, Control Cell)	-	From 72 hours after the disaster
	Conducting tutorial sessions. (Task force from other parties)	-	1 week after the disaster
	Final report	-	2week after the disaster

**Search and Rescue (including Evacuation): Provides human and critical equipment to assist in local evacuation, search and rescue efforts.**

**Officer Heading the Task Force: Resident Additional Collector**

<b>Before the disaster</b>	Creating a Risk Assessment and Sensitivity (Task Force) Map.	-	Before warning
	List of personnel and critical equipment (Task Force).	-	Before warning
	Training (Workforce)	Instrumental assistance from Gujarat Disaster Management Authority and United Nations Development Programme	Before warning
	Public Awareness Training Program (Workforce)	Medium workforce	-
	Establishing Adequate Communication System (Workforce)	Additional equipment	-
	Drill (Workforce)	-	Before warning
	Vehicle arrangement (workforce) for potential search and rescue operations f	with a supporting workforce	Before warning
	Developing Standard Operating Procedures for Rescue (Workforce)	-	Before warning
<b>Warning</b>	To deploy task forces and search and rescue teams. (work force)	-	Get a warning
	Checking whether equipment is ready (work force)	-	After employing the team
	Are the vehicles ready? Ensuring that (workforce)	Support System Task Force	Get a warning
	Migration as a precautionary measure (work force)	Support system and shelter workforce	As ordered

	Releasing the team if deemed safe (work force)	Support System Task Force	Depending on the situation
	To start patrolling for public awareness. (work force)	Maghyam, Law and Order and Support System Task Force	As required
<b>Disaster times</b>	Ensuring the safety of employees.	-	immediately
	Restoring own communication system (work force) Dispatch rescue/evacuation team as per assessment. (work force)	As per information from control room	immediately
	Order additional equipment if required. (work force)	Communication system should be functional.	Within 3 to 4 hours of disaster
	Reporting on performance (work force)	-	Start at 3 to 4 hours.
	(Workforce) Move dead bodies as per standard operating procedure.	To include different revenue officers and police.	Start at 3 to 4 hours.
	Determining the rank of employees. (work force)	-	Starting at 12 hours.
	Start special rescue operation. (Can be started early) (Workforce)	External tools can be used. Coordination with support system (work force).	Starting at 12 hours.
	Initiate debris removal in collaboration with Public Works Task Force.	Attention to critical infrastructure/control room liaison	Starting at 12 hours.
	Additional equipment (such as fuel, manpower) should be ensured to ensure continuous operation. (work force)	-	Starting at 12 hours.
<b>48 hours</b>	Demolition of damaged buildings / Stabilization with supports in cooperation with Public Works Task Force.	Support system workforce workers, equipment	Starting at 48 hours.
	Disassembly, alteration, repair and replacement of equipment and other equipment (labour)	-	Depending on the type of disaster
	Be prepared for additional operations related to the safety of restoration operations. (work force)	-	As required

<b>72hours</b>	Lecture Meeting (Workforce and others)	-	Two weeks later
	Final Report (Task Force)	-	After most activities are completed

**Public Works: Provides manpower and resources to support local efforts to restore normally functioning infrastructure.**

**Officer in charge of the work force: Executive Engineer, Building and Construction**

<b>Before the disaster</b>	List of Personnel, Equipment and Infrastructure (Workforce)	Linkage to Information-Based Development of the United Nations Development Programme	Warning a week ago
	Determining critical infrastructure. (work force)	It is necessary to determine which infrastructure is important.	Before warning
	Determining alternative routes for vehicular traffic and publishing maps. (work force)	-	Before warning
	Post-disaster priority inspection planning of infrastructure (task force)	-	-
	Planning and management of equipment and manpower (workforce)	-	-
	Provision of other facilities for sanitation and shelter. (Task Force)	-	-
<b>Warning</b>	Setting up Control Panel (Task Force)	-	Not later than 6 hours from the warning
	To release the workforce and workforce.	A communication system is required.	Not later than 6 hours from the warning
	Liaise with District Control Office. (work force)	-	Not later than 6 hours from the



			warning
	Ensuring the condition and availability of equipment and redeploying if deemed fit and safe (work force)	Coordinating support system workforce and control room	24 hours from warning
	Review of Plans (Workforce)	-	Not later than 6 hours from the warning
<b>Disaster times</b>	Starting damage assessment and inspection. (work force)	To coordinate with the Damage Assessment Task Force.	Within 12 hours of disaster
	Develop action plan and liaise with control room.	-	Within 12 hours of disaster
	Recruiting and dispatching the team on priority basis. This team will: (1) Repair. (2) Will replace the damaged items. (3) Will replace temporary items. (4) Block temporary facilities (rest facilities / shelter).	Coordinating with Utilities, Water, Power Supply Task Force and Control Room	Within 12 hours of disaster
	Supporting other work force.	-	Keep this operation going continuously
	Steps (and who should take those steps.)	Requirements or conditions to be met before action can be taken	Time limit
<b>12 hours</b>	Initiate staffing hierarchy and manpower planning. (work force)	-	Start at 12 hours.
	Maintain additional equipment based on estimated / expected duration of operations. (work force)	Support system workforce, coordination with contractors, additional funds required	Start at 12 hours.
	Ensure safety. (work force)	Law and Order Task Force	Start at 12 hours.
	Providing public information regarding roads, access, and infrastructure. (medium workforce)	Coordination with control room	Start at 12 hours.
<b>48 hours</b>	Conduct a detailed survey. (work force)	In cooperation with the Damage Assessment Task Force	Start at 48 hours.

	Reporting of performance	-	Starting on the third day.
	Improvement, repair and replacement of equipment and other equipment (labour)	-	Considering the type of disaster
	Planning and operations (manpower) to allocate equipment	-	Starting on the third day.
72hours	Develop a long-term rehabilitation action plan and initiate its activities. (work force)	Starting from 72 hours.	
	Bodhpath meeting (work force and others) .	-	After two weeks
	Final report	-	Most of the activities are completed.

**Water Supply: Provision of sufficient drinking water for human and animal consumption (on a priority basis) and water for industrial and agricultural use.**

**Officer-in-Charge of the Task Force: Executive Engineer ( Gujarat Water Supply Board) Three previous notices of occupation for the quota**

Before the disaster	Establishment of Water Availability, Capacity, Reliability and Cleanliness (Workforce)	20 liters of water per person per day is standard	Three months prior to warning
	Alternative Scheme for Water Distribution and Storage (Task Force)	Need tanker, tank, generator	Three months prior to warning
	Ensuring new and additional equipment. (work force)	Funds are required	
	Maintaining a surplus of supplies and equipment suitable for the use of chemicals (manpower)	Additional funds may be required.	Three months prior to warning
Warning	Grading and Shifting System of Employees (Workforce)	-	Not later than 24 hours of warning.
	To provide public awareness on water consumption. (work force)	Task Force Medium	Not later than 24 hours of warning.

	Encouraging government and private sectors to conserve water supplies. (work force)	-	Not later than 24 hours of warning.
	To discharge the members of the Task Force.	-	From 24 hours of warning
	Provision of additional support system personnel and vehicles (Support Task Force)	Difficult to place additional staff on local basis, sourced from outside/contractors.	From 28 hours of warning
	Coordination with power supply and other task forces	Consists of District Control Room	Not later than 24 hours of warning.
	Status and Conservation of Water Resources (Task Force)	-	Not later than 24 hours of warning.
<b>Disaster times</b>	Water Supply Planning and Prioritization of Water Users (Workforce)	Needs, loss and demand information.	Completion within 24 hours of disaster.
	Water Supply System Status and Damage Assessment (Workforce)	Coordination with damage assessment task force	Completion within 24 hours of disaster.
	Employing water tankers. (work fore)	Coordinating Army Task Force and Control Panel	Start within 24 hours of disaster.
	Total Work / Rehabilitation of Water Supply System (Plan Based) (Workforce)	Coordination of Power Supply and Support System Workforce	Start within 24 hours of disaster.
	Ensuring Supply Stations / Distribution Safety (Law & Order Task Force).	-	To start distribution as soon as it starts.
	Coordinating provision of information for water distribution and storage and safe use of water.	Coordination of Medium Task Force and Control Panel.	Start within 24 hours of disaster.
<b>12 hours</b>	Establishing a temporary water supply system. (work force)	-	Within 72 hours of disaster
	Focus on permanent water supply system. (work force)	-	After 72 hours

	Long-term rehabilitation plan and fulfillment of needs. (work force)	-	After 72 hours
	Initiate reporting and documentation. (work force)	-	From 48 hours
	Gathering resources. (work force)	Coordination with control room	From 48 hours
	Lecture Meeting (Workforce and others)	-	Most of the activities are completed.
	Final Report (Task Force)	-	-

**Food and relief supplies: Provision of food and other necessities to the affected people.**

**Officer Heading the Task Force: District Supply Officer**

<b>Before the disaster</b>	Establishment of Procedures and Standards (Task Force)	Standards are required.	to continue
	To maintain two months' supply of essential supplies. (work force)	-	must have been done.
	Develop transportation planning. (work force)	Cooperation of support system work force	To be completed in 8 days
	Developing a list of non-governmental organizations / institutions. (work force)	-	should have been done.
	Disaster Manpower Planning (Workforce)	-	should have been done.
	Determining the locations that can be set aside and augmenting the quantity as required (manpower)	-	should be on.
	Determining places for cooking (work force)	-	should have been done.
<b>Warning</b>	Forwarding received alert. (work force)	-	Within 12 hours of notification
	Recruiting NGOs for cooking (workforce)	Liaison with Non-Governmental Organizations.	Within 12 hours of notification
	Ensuring quantity ratio and making distribution plan. (work force)	Cooperation of support system workforce	Within 48 hours of receiving the

			alert
	To prepare transport contractors for vehicles. (work force)	Coordinating the support system workforce	Within 5 hours of receiving the warning
	Employing employees (workforce)	-	Within 6 hours of receiving the warning
<b>Disaster times</b>	Receiving and responding to instructions from the control panel. (work force)	-	As per the received deadline
	Monitoring the supply and quantity situation. (work force)	A communication system is required	
	Developing a Distribution Plan (Workforce)	Need information about requirements and location	As per request of control room
<b>12 hours</b>	To order and supply food packets as per requirement. (work force)	Coordinating with the Support System Task Force	As per distribution plan
	Establish relief supply acceptance centers. (work force)	Coordination of Control Room and Support Systems Task Force.	As required
	Commencement of distribution operations. (work force)	Coordinating the military and shelter workforce	At the very beginning
	Reporting, communication and monitoring. (work force)	-	To be completed in 48 hours.
	Initiate a gradual system of staffing. (work force)	-	At the very beginning
	Dispatch and arrangement of additional supplies.	-	At the very beginning
	Ensuring safety at all locations. (Law and Order Task Force)	-	At the very beginning
	Initiate announcement of distribution plan and standards. (medium workforce)	-	Start the process in 48 hours.
<b>48 hours</b>	Pay attention to general operations. (work force)	-	Within 1 week
	Obtaining a lock of supply receipt and disbursement record. (work force)	-	Within 30 days
	Providing relief to special areas / population keep on putting. (work force)	-	Up to 15 days from disaster

<b>Power Supply : Provides resources to restore normal power supply and order in affected areas.</b>			
<b>Officer Heading the Work Force: Executive Engineer, Gujarat Electricity Board</b>			
<b>Before the disaster and warning phase</b>	Develop inventory of current status of power supply and receiving locations. (Gujarat Electricity Board) (PGVCL)	-	is ongoing.
	Develop a contact list. (Gujarat Electricity Board) (PGVCL)	-	-
	Conducting Informal Risk and Hazard Assessment/ Appraisal: (Gujarat Electricity Board) (PGVCL)	-	-
	Develop disaster planning.	-	-
<b>During a disaster</b>	Assessing impacts as per standard operating procedure (Gujarat Vidyut Board) (PGVCL)	Coordination with control room and damage assessment task force	-
	Prioritizing response measures. (Gujarat Electricity Board) (PGVCL)	Priorities need to be established.	-
	Gather more information. (Gujarat Electricity Board) (PGVCL)	-	-
	To prepare additional equipment/resources. (Gujarat Electricity Board) (PGVCL)	Coordination of control room and other task forces	-
	Ensuring about unforeseen contingencies.	-	-
<b>12 hours</b>	To revise the plan based on information and evaluation of performance. (Gujarat Electricity Board)	-	to continue
	Monitoring of action / action status. (Gujarat Electricity Board) (PGVCL)	-	Continue the process.

	To start employee ranking scheme. (Gujarat Electricity Board) (PGVCL)	-	A period of 12 hours starts.
	Dissemination of information to the public. (Middle Workforce)	-	A period of 12 hours starts.
	To ensure help (food/accommodation etc.) from NGOs for the workforce. (Gujarat Electricity Board) (PGVCL) Ensuring security as required (Law and Order Task Force)	Coordinating with control room.	-
	Control Room and Govt regarding requirements, requirements and availability. Establish constant liaison with Board Headquarters	-	-
	Checking for improvements in efforts. (Gujarat Electricity Board)(PGVCL)	-	-
	Creating an intermediate coordinate system. (Gujarat Electricity Board) (PGVCL)	-	-
	Conduct regular coordination meetings with other stakeholders.	-	-
	Formally document efforts.	-	-
<b>72 hours</b>	Review for changes in planning for safety. (Gujarat Electricity Board)(PGVCL)	-	-
	A plan to normalize the situation, including additional safeguards if necessary. (Gujarat Electricity Board) (PGVCL)	Incorporation of Law and Order Task Force	-

<b>Public Health and Sanitation (including primary treatment and all medical care): Provides manpower/equipment to deal with critical public health problems, and restores normal health care systems.</b>			
<b>Officer Heading the Task Force: District Development Officer</b>			
<b>Before the disaster.</b>	Develop inventory of personnel, equipment and facilities. (work force)		1 week
	Training (Workforce)	Coordinated with Gujarat State Disaster Management Authority	6 months
	Establish a control room.	-	should be completed.
	Prepare for special diseases associated with a particular season (eg monsoon).	-	should be completed.
	Establishing a reporting mechanism for communicable disease cases. (work force)	-	should be completed.
	To determine disease susceptible areas. (Chief District Health Officer)	-	should be completed
	Bringing improvement in public awareness. (Medium workforce)	-	should be completed
<b>Warning</b>	Sending alerts to health facilities. (work force)	As alerted	-
	Deployment of health teams in disaster prone areas. (work force)	Coordination with control room	As required
	Activation of task force for entire district. (District Health Officer)	-	Get a warning
<b>During a disaster</b>	Initiate first aid efforts. (work force)	-	Within 1 hour of disaster
	Establishing the status of the health care system. (work force)	A communication system is required.	Within 6 hour of disaster
	Initiate referral of injured persons to higher level facilities. (work force)	-	Within 1 hour of disaster
	Implementation of standard operating procedures for the management of deceased persons. (work force)	Law and order includes cooperation with search and rescue forces.	Within 1 hour of disaster



	Coordinating the efforts of the Control Panel and other task forces		Within 2-3 hour of disaster
<b>12 hours</b>	Starting to outsource equipment. (work force)	Includes remote communication system, support system, work force and control room.	Within 3 hour
	Establishing temporary medical facilities where deemed necessary. Increase continuous monitoring towards (workforce) health status. (work force)	Coordination of public works, electricity, water and law and order task force is required	Within 24 hours
	Establishing a shift system for the workforce. (Workforce) Visiting and reviewing health status in shelters. (work force)	-	Within 24 hours of commencement
	Developing a health care system restoration plan. (work force)	Coordination of control room	2-3 hours
<b>48 hours</b>	Initiation of standard operating procedures for solid waste control management. (work force)	-	At the beginning
	Reporting of Formal Medical Care System (Workforce)f	-	At the beginning
	Initiating Standard Operating Procedures for Wastewater Management. (work force)	-	At the beginning
	Focusing on monitoring the health status of children in the age group of 0 to 5 years.	-	To be implemented in 1 week.
	Public awareness and IEC efforts. (Workforce and Medium Workforce)	-	At the beginning
<b>72 hours</b>	Develop an equipment disposal plan.	-	At the initial stage
	Lecture meeting	-	Within 14 days of disaster
	Final report	-	Within 14 days of disaster

<b>Animal Health and Welfare: Provision of health and other care of disaster affected animals.</b>			
<b>Officer Heading the Task Force : Deputy Director, Veterinary and Animal Husbandry</b>			
<b>Before the disaster.</b>	Periodical revision of cattle list, manpower list and training for disposal of animal support. (work force)	-	should have been done.
	Amount of medical supplies and vaccines. (work force)	-	should be ready.
<b>Warning</b>	Workforce to release workforce (by phone).	-	As alerted
	Distributing supplies to vulnerable areas. (work force)	-	During the warning period
	Contact the control room. (work force)	-	as required
<b>During a disaster</b>	Moving and disposal of animal dung. (work force)f	Requires fuel and machinery.	as soon as possible
	Treatment of injured animals.	-	as soon as possible
	Calling other district employees if necessary. (work force)	-	As needed
	Assisting local authorities in damage assessment and record keeping. (work force)	-	As required
<b>48 hours and beyond</b>	Assisting local authorities in managing fodder as deemed necessary.	-	As deemed necessary
	Collecting post performance information. (work force)	-	
	Final report	-	within fifteen days

**Officer Heading the Task Force: District Primary Education Officer**

<b>Before the disaster</b>	Develop a methodology for shelter management. (work force)		
	Developing a list of shelters (locations, capacity etc.). (work force)	List of United Nations Development Programme	-
	Providing information about shelters to other task force officials. (work force)	Support systems, water, electricity, search and rescue, food, relief supply work force and training hierarchy are requiredP	Coordination of control room
	Shelter Manager Training. (work force)	-	-
<b>Warning</b>	To discharge the shelter managers. (work force)	A communication system is required.	Within 6 hours of warning
	To initiate the shelter location as instructed.	Coordination with control room.	Within 6 hours of warning
	To employ additional resources for shelters and camps.	Coordination of support systems, food and relief supplies, water and electricity (manpower).	Within 6 hours of warning
	To sensitize people about the location and status of shelters.(Madhyam Task Force)	-	Within 6 hours of warning
<b>During a disaster</b>	Initiating the process of admitting the dependents into the shelter.(Shelter Managers)	-	immediately
	Reporting on the status of shelters. (work force)	Reporting to control room.	As required
	Plan for prioritization of shelter use. (work force)	Coordination of migration operations and control room.	immediately
	Coordinating with other task force for water, supply, food, health security.(Task Force)	-	immediately
	Providing support and assistance to dependents. (work force)	For animal workforce and health	Contact the health care workforce

		care for animal management.	
12 hours	Continue working. (work force)	-	Continue continuously
	Monitoring the status of shelters and movement of people. (work force)	-	Continue continuously
	Employing additional equipment.	Coordination with control room and support system	To be continued.
48 hours and beyond	Dispose of equipment as deemed appropriate. (work force)	-	-
	Initiating improvement / repair in condition of shelters. (work force)	Co-operation of Public Works Task Force	As required
	Tutorial Session (Workforce)	Inclusion of other workforce and dependents	14 days after completion of work
	Final Report (Task Force)	-	1 month after completion of activity

**Support Mechanism: Provides air, water and ground transportation for the storage and transportation of evacuation and relief supplies, in coordination with other task forces and competent authority.**

**Officer Heading the Task Force: District Development Officer**

Before the disaster	Scheduling of equipment (air, water and land transport and storage arrangements within the district as well as outside the district).	-	1 month
	Requirements, procedures and options for equipment clearance. (work force)	-	1 month
	Drill Planning (Workforce)	-	1 month
	Coordination of other work force	Operation through control panel	As required
Warning	Recruiting and employing members of the work force. (work force)	-	Within 1 hour of receiving the alert
	Deploying vehicles and other equipment for short-notice operations based on anticipated disaster. (work force)	Coordination with control room	Within 2 to 3 hours of warning

	Liaise with control room and search and rescue, shelter and food/relief supply task forces.	-	Within 1 hour of warning
	Review the plan and decide if equipment needs to be procured from outside.	-	Within 6 hours of receiving the warning
	Planning of support systems keeping in mind the type of disaster. (work force)	Coordination with Control Room and Food/Relief Supply Task Force	As required
<b>During a disaster</b>	Work plan (task force) based on the instructions received from the controlling body.	-	Within 2 hours of receiving the alert
	Continuous review of requirements and resources. (work force)	-	to continue
	Develop action plans. (work force)	Coordination with control room and food/relief supply task forces	Within two hours of receiving the warning
	Liaison of control room and important work force.(work force)	-	Within two hours of receiving the warning
	Check the quality of services. (work force)	Establishing service standards and information requirements by operation	-
<b>12 hours</b>	Response to growing demand for support systems.(Workforce)	-	to continue continuously
	Starting a staffing hierarchy. (work force)	-	The disaster phase begins.P
	Establishing support systems as required. (work force)	Coordination with Control Room and Food and Relief Supply Task Force.	to continue continuously.
	Reviewing plans and managing other work force	-	to continue continuously.
	Initiate regular repotting. (work force)	-	Phase begins.
	Dispose of equipment as deemed appropriate. (work force)	-	
<b>72 hours</b>	Lecture meeting	Includes shelter, food and relief supply task forces.	Within 14 days of disaster
	Final repor	-	Within 14 days of disaster

**Damage Assessment and Survey: Collects and analyzes on disaster impact, develops estimates of resource requirements and relief plans. and compiles disaster reports as deemed necessary for district and state authorities and other parties as deemed appropriate.**

**Officer Heading the Task Force: Resident Additional Collector**

<b>Before the disaster</b>	Assessment methodology and sampling. (work force)	Support of Gujarat State Disaster Management Authority	-
	Compilation of Aadhaar Information.(Work Force)	Support of United Nations Development Programme	-
	Establishing assessment groups and teams.	-	-
	Developing an assessment coordination plan. (Coordination and Planning Task Force)	-	-
	Developing a communication management plan.	Cooperation of the Distance Communication System Task Force	-
<b>Warning</b>	Discharge of work force. (work force)	-	Within 6 hours of warning
	Plan Review (Taskforce)	-	Within 6 hours of warning
	Consideration of pre-disaster impact assessment. (work force)	Considering the anticipated nature of the disaster	Within 6 hours of warning
	Implementation of assessment team at village level. (work force)	-	Within 6 hours of warning
<b>During a disaster</b>	Assessment Team Safety Considerations. (work force)f	-	immediately
	Start planning for assessment. (work force)	-	As early impact information becomes available.
	Initiating the primary assessment process. (work force)	-	According to the situation
	Sending assessment plan to control room. (work force)	-	After developing a preliminary plan
<b>12 hours</b>	Dissemination of assessment plan and report to the public (Medium Task Force)	-	When available [
	Continuous updating of assessment information. (work force)	Coordination and Planning Task Force	-
	Coordination with other work force.	-	-

	(work force)		
	Grading of workforce and getting more employees if needed.		At the initial stage [
<b>48 hours</b>	Detailed assessment of damage, loss, needs and preparation of long-term rehabilitation plan. (work force)	Coordination of other work force	3-5 days after the disaster.
	Coordination of requirements, plans and activities	Operation through Control Room and Coordinating and Planning Task Force	to continue continuously

**Remote Communication System : Coordinates the operation of all types of communication system ie radio, TV, phone, wireless required to assist in early warning or post disaster operations.**

**Officer Heading the Task Force: Resident Additional Collector**

<b>Before the disaster</b>	Developing a list of telecommunications systems and standard operating procedures. (work force)	Telecommunication training	-
	Coordination with other task force (task force) to determine locations of sensitive system components (eg equipment). (work force)	-	-
	Avoid redundancies in communication systems. (work force)	Closer linkages with the private sector are required.	-
	Training in Communication Practice Skills and Techniques (Workforce)	-	-
<b>Warning</b>	Check if the communication system is working. (work force)	-	Within 24 hours of warning
	To discharge the work force.	-	Within 24 hours of warning
	Repair of downed systems and establishment of alternative communication system. (work force)	Contact with control room	Within 24 hours of warning
	Employing resources. (work force)	-	Within 24 hours of warning
	Facilitating other workforce demands related to remote communication. (work force)	-	Within 24 hours of warning
<b>During a</b>	Check the status of the communication system. (work force)	-	First information available in 2 to 3

			hours.
	Find out the damage done to the system. (work force)	-	First information available in 2 to 3 hours.
	Liaising with control room and other work force regarding remote communication requirement.	-	In 2 to 3 hours
	Initiating repairs. (work force)	-	In 2 hours
<b>12 hours</b>	Employing external equipment. (Can be started early) (Workforce)	Coordinating with the inspection team	to continue
	Completion of plans for repair and restoration of systems. (work force)	-	to continue
	Initiate a staffing hierarchy. (work force)	-	At the initial stage
<b>48 hours and beyond</b>	Continue to assist other work force. (work force)	-	-
	Continue repairs. (work force)	-	-
	Commencement of equipment clearing operations.	-	-
	Lecture meeting	Inclusion of Shelter, Food and Relief Supply Task Force in the meeting.	-
	Final report	Include other work force.	Within 1 month of completion of work



# **DDMP Part-II**

# Disaster management

## Chapter-1

### 1.1 What is disaster ?

Disaster is one such incident that lives of people of so and so areas are to be destructed and damaged.

#### ➤ UN (United Nations) define disaster as per below.

Unfortunate happening being at large abruptly which disturbs structure of foundation and normal life of human society that can be distributed in two parts as per period of being incident.

-Slowly excluding disaster.

-Abruptly excluding disaster.

#### ➤ Definition of disaster as per Gujarat state disaster management Act.2003

Disaster means natural or otherkind real or probable incident being in any part of state by which following all or any matter happens or being suspicion of being

- Damage or loss to intangible and tangible both assets or

- Loss of human lives at large or injury or illness to human

- Loss or degradation happens to environment any effect out of effects mentioned in sub sec (1) to (3) may come being out of capabilities of affected mass people facing to it by using their sources and by which normal functionality of mass people disrupted.

### 1.2 Objects of disaster management plan (DDMP)

District disaster management plan will be helpful in planning and implementation of activities of disaster management at district level of which main objects are as under.

- To save population and properties, risky and helpless area.

- To recognize and aggregate necessary sources for disaster management.

- To notify to tasks of various departments and authorities at district level.

- To co-operate for mutual co-ordination among various department and authorities.

- To suggest firm measures for previous preparations, response, prevention and mitigation.

- To know needs for authorities and excedding capabilities of people at large.

- To suggest context for fetching in main stream to in planning of programmes of development.

### **1.3 Principles of approach guide.**

- To prepare district disaster management plan (DDMP) disaster management act-Gujarat2003, national disaster management act-2005 and context of guiding principles of policy of commissions.
- To take in to account to human principals of equal inclusion human right and participation of people, decentralized self governance, male female equality, equal justice.
- To prepare as such being beneficial and supplement to district disaster management plan (DDMP) taluka disaster management plan (TDMP) village disaster management plan (VDMP) and city disaster management plan (CDMP).
- District disaster management plan (DDMP) should be helpful in forming task plan of various danger to note separately to facets of previous preparation, prevention, defense and to assign different firm task to various department.

### **1.4 Context of Code :-**

To prepare disaster management plan is mandatory under Gujarat disaster management act-2003 and national disaster management act-2005 more so, instructions and guide is given for preparing disaster management plan to each state by national disaster management authority.

To construct guide of strategy and disaster management plan in task of authority sec.15, sub sec. (1, 2 and 3) in chapter 6 as per Gujarat disaster management act-2003 and instruction are given.

State authority will have to form policy and plan about disaster management as per sub sec. (1,2 and 3) in sec.18 of this code. As per national disaster management Act-2005 context concerned to technological of state authority and all villages, talukas, municipalities, corporations and districts fall in districts disaster management plan and other act and policies are to be taken in to account necessary rectification are to be done by inspecting of time to time changing policies, rules.

### **1.5 Purpose of disaster management plan**

- Activities for disaster management control of law and order.

- Observation and control of risk.
- Diffusion of caution received
- Co-Ordination of response at the time of disaster
- Guide in relief and saving functionality.
- To inform about report, Co-Ordination of decision and its classification.
- Simplification in getting necessary resources and resources inventory at the time of disaster.
- To manage carefully of functionality and of all the measures taken for giving response of disaster and to receive firmly all report about that.
- To adjust Co-Ordination among concerned department and measures to be taken of response at the time of disaster and to take help of outer agencies and to co-opearte them.
- Functionality as per planning at the time of disaster.
- To save people trapped in disaster and to defend them fully.
- By knowing disaster take in to control it.
- To prevent being loss to goods and to take measures for not being loss to environment around.
- Saving tasks, to provide treatment to injured.
- To shift to protected places to effected.
- To recognize affected person by informing to this family members to be helpful as per his need.
- Record of causes being disaster, preservations of news and helpful to investigators.
- Preventive all probable life defense oriented measures can be taken speedily at the time of natural disaster and government machinery and people feel nearer at the time of emergency and confidence among people increases and atmosphere of danger removes holding information of basic foundation comprehensive and effective disaster management plan has been prepaid disaster profile of Botad district, resources inventory and divisional S.O.P. have been comprised in this plan.

## **1.6 Concept of disaster management**

- Administration and planning of allaying or lessening measures of dangers of disaster.
- To lessen destructiveness or effects of disaster.
- Preparedness for probabilities and disasters .
- Valuation of effects of disaster

- Crisis period assistance re-construction and re-habilitation of saving and disaster.

Disaster management is continuing process foundation for disaster management, planning and efforts by thoughts of all kind of risk, management and authorities is fulfilled.

In risk management of all kind, consideration of planning for probable all dangers to be shun or to be allayed being affected to district and measures to be taken are comprised in authority means to make citizen competent in education training and assistance such authority full liabilities for facing disaster is not invested in any person but reducing effect or to be made it under control necessary tools and assistance each person holds it last efforts are for to be corrected such that status establishment becomes were by capabilities to be constructed and measures of diminishing quantity of disaster or probable effects and by system such making simple in making less costly and speedy process of re-habilitation/restitution.

### **1.7 Approach of disaster management**

Gujarat government holds comprehensive approach towards disaster management functionality of diminishing effects of disaster are divided in two extended fields.

- Caution, assistance and restitution by taking in to account such planning and measures being necessary for making speedily to its response at the time of slow beginning of disaster or for diminishing effects of disaster being to be started immediately.
- Mitigation preparedness and prevention keeping in to account to planning or measures for removing or prevention of effects being due to disaster to be hanged over or risks.
- Disaster management whole approach is based on 6(7) ingrediants.
- Valuation accurately of risk and sensitivity.
- Sufficient allocation of planning & tools.
- Capabilities construction and training.
- Provision of sufficient availabilities.
- Disaster management performance and assignment of disabilities.

### **1.8 Mitigation, preparedness and prevention**

Mitigation, preparedness and prevention foresight of disaster for (Sensitivity diminutive) ratio of expected loss from probable disaster for (Risk diminutive) to be reduced probability of disaster measures of prevention and preparedness, mitigation are to be taken

previously matter of reducing sensitivity is also given more priority than risk diminishing four organizations (1 or 4) can be kept diminishing risk and sensitivities in district.

- Rules especially rules of construction and security and execution performance of landuse plan.
- Activities for deciding ways for reducing sensitivity and risk and assessment and inspection of development plan.
- To reconize at social level sensitivity and risk and re-construction of capabilities with provision of assistance previous status and relief, caution.
- Development plan and activities is responsible for concerning to mitigation, preparedness and prevention by using machinery mentioned above by taking assistance of collector and district development officer.
- District will take in to account on fields below for mitigation, preparedness, prevention on the basis of provisional assessment of risk and sensitivities.
- To restore life necessary supply system (Water, electricity and communication).
- To diminish effects of disaster on road and school, facilities health care.
- To diminish sensitivity in previous probable areas.
- To diminish sensitivity being tornado.
- To Improvement of prepared disaster near industrial places.

### **1.9 To prepare plan and improvement.**

Disaster management plan and to do its improvement by exchanging ideas with all the officers and other organizations of district come in district.

- When significant change happens in kind of any risk.
- On the basis of experience happened after any big calamity.
- Any significant change happens in organizations prescribed definitions in plan or when being change in responsibilities of primary member of task extra force annual inspection of such plan should be done and should be made it advance.
- For all the officer of district under guidance of district collector taking in to account to the needs of district as per Gujarat state disaster management Act-2003 come in made by Gujarat state disaster management authority.
- District collector and other government authorities are responsible for disaster management responsibilities of Gujarat state disaster management relief commissioner

shri all government and private helpful assistant are as per law planning on the part of which are to be made.

- District collector prepares disaster management plan at level of by co-ordination of other respondents of district to which is updated twice in a year and is to be checked once in a year.

## **1.10 Financial planning**

Financial grant/subsidy are given to district collector as per need by state government or Gujarat state disaster management authority.

### **1.10.1 Budget of state government**

Financial provision is made for various functionalities of disaster management in budget of state government.

### **1.10.2 State disaster response fund**

State disaster response fund is available at relief commissioner in which 75% of central government and remaining part of 25% is of state government allocation is made of total 2774.54 crore for year 2010-15 as per recommendation of 13th finance commission in which subscription is of central government 2080.90 crores rupees and Rs.693.64 crore rupees of state government.

### **1.10.3 Grant in aid**

Grant is allocated about disaster management by central government, world bank and other department.

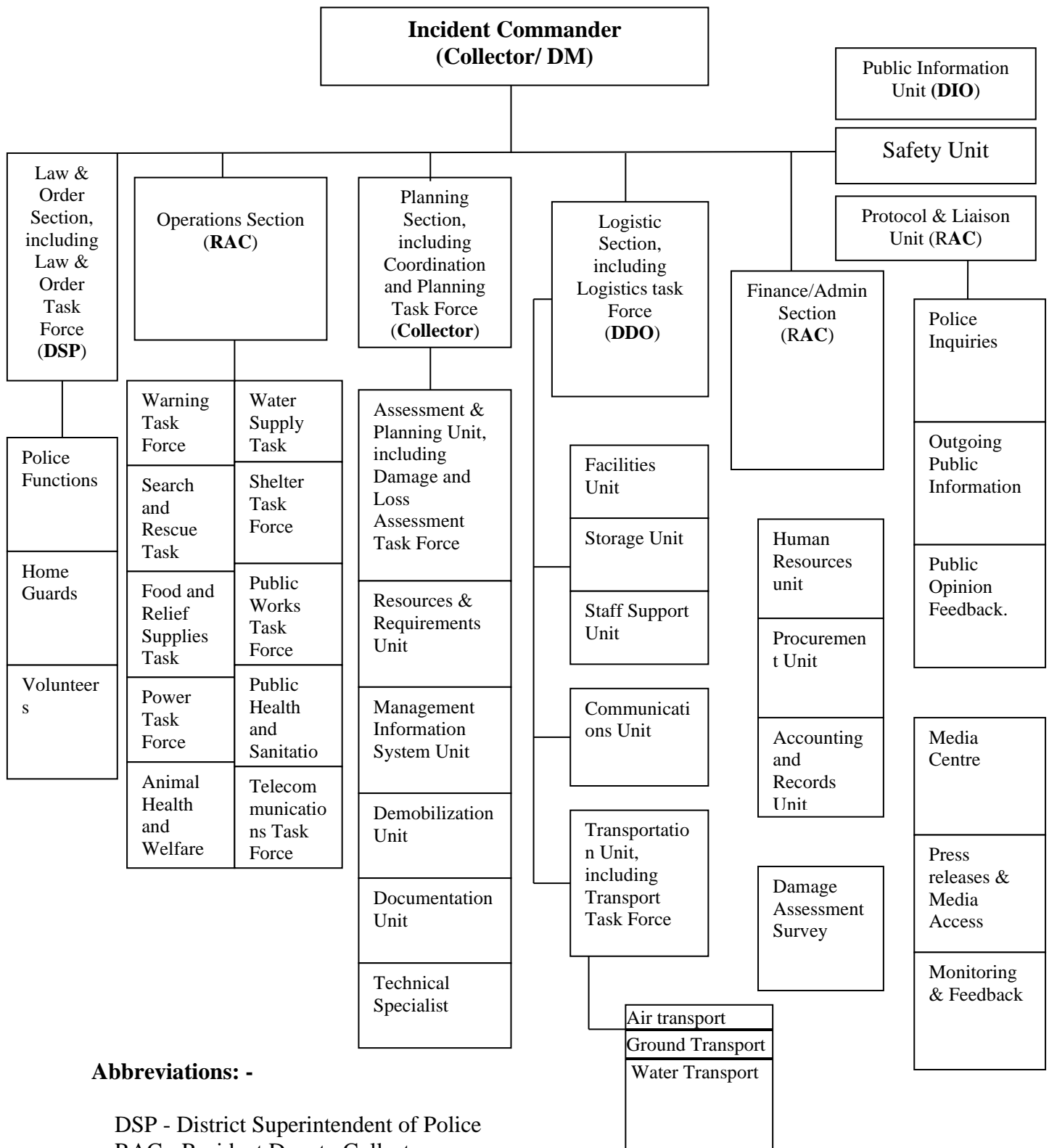
### **1.10.4 Mode (Public private participant)**

Various functionalities are done about disaster management by various department of government and by support of social institution.

### **1.10.5 Loan :**

Functionality is done about disaster management by receiving financial assistance or loan from open market.

# Disaster Management Structure At District Level- Botad



**Abbreviations: -**

- DSP - District Superintendent of Police
- RAC - Resident Deputy Collector
- RAC - Additional District Collector
- DDO - District Development Officer
- DIO - District Information Officer



## General Outline of Botad District

<b>1</b>	headquarters	<b>Botad</b>				
<b>2</b>	No. of Taluka	4				
<b>3</b>	Name of Taluka	<b>Botad</b>	<b>Gadhada</b>	<b>Barawala</b>	<b>Ranpur</b>	<b>Total</b>
<b>4</b>	Total area in hectares	61088.76. 45	70428.77.5 7	49315.00.00	42066.2636	222898.8038
	Government Waste Land	5227.6593	8998.0296	815.3453	306.8477	15347.8819
	Goucher	6933.6997	5437.7200	614.0382	400.4043	4017028.4579
	forest area	--	8.56.93	--	--	8.56.93
	Hosts	24608	24889	10968	12119	72584
<b>5</b>	staple crops	Cotton, pulses, sorghum, millets	Peanuts. millet. Cotton, pulses	Cotton, sorghum, wheat, cumin	Cotton, sorghum	-----
<b>6</b>	Average Rainfall Year-2022	673mm	565mm	723mm	531mm	2492mm
<b>7</b>	Revenue villages	52	76	24	36	188
<b>8</b>	Gram Panchayats	50	74	22	34	180
<b>9</b>	Number of cities	1	1	1	0	3
<b>10</b>	Municipality	1	1	1	...	3
<b>11</b>	urban population	130327	44320	17951	16944	209542
	rural population	156291	156155	47226	84600	444272
	Total population as per 2011	286618	200475	65177	101544	653814
	Total population of the district	6,53,814				

12	Primary school	95	118	45	44	302
13	secondary school	51	30	07	16	104
14	Higher Secondary School	34	23	04	07	68
15	College	16	03	--	--	19
16	Hospital	29	03	--	--	32
17	Primary Health Centre	05	05	03	04	18
18	Community Health Centre	02	02	01	01	06
	Genral Hospital	01	00	00	00	01
	Uraban center	03	01	00	00	04
19	Animal Hospital	03	03	02	02	10
20	Anganwadi	235	191	57	86	569
21	Cheap Grain Stores	70	60	21	36	187
22	Supply Corporation Godown	01	01	--	--	2
23	Kerosene Depot	00	00	00	00	00
24	Gas Agency	05	01	01	01	08
25	Retailer of kerosene	00	00	00	00	00
26	Mid-day meal center	79	94	29	42	244
28	police station	03	02	01	01	07
29	OP Station	01	01	02	--	04
30	Petition writer	02	01	02	02	07

31	Godown owned by Forest Department	01	01	--	--	02
32	Fire fighter	04	01	01	--	06
33	Multiplex Cinema	01	--	--	--	01
34	rest house	02	01 (District Panchayat)	02	--	05
35	PGVCL. substation	09	05	01	01	16
38	Important religious places	1, Visaman Bapu Place, Paiyad 2, Sant fakadanath Place At. Zamrala	1, Akshar Pursottami Temple 2 Gopinathji Dev Temple 2, Satha Hanuman, Limbadiya Hanuman	1, Shri Kashtabhanj andev Hanumanji Temple. Salangpur, 2. Swaminarayan Temple Kundal, 3, Bhimnath Mahadev, Bhimnath	---	-

## **Outline Of Botad District :**

Newly made Botad district was formed from bhavnagar and ahmedabad district administrative place of Botad district is Botad city total population is 6.52 lacs of this district as per census of 2011 district is distributed in two sub division and four talukas and three municipalities are in district.

Botad city is situated among four sides of bhavnagar, ahmedabad, rajkot, surendranagar as such four districts at a view geographically main place of district is situated at expected distance of Botad from bhavnagar 93 km, from ahmedabad 154 km, from surendranagar 90 km and from rajkot 120 km Botad is located on 21.70 north latitude and 71.40 east longitude river sukhbhadar is flowing in ranpur taluka at north line of this district while at south end river kalubhar is flowing in gadhada taluka in Botad district.

Main place as such Botad of district Botad and areas around it is holding important place also at many ancient culture with literature and at religious view religious places located here is an exclusive recognition of Botad shri kashtabhanjan-salangpur to rising limit, to setting limit place of shri viahalanath paliyad and to south limit shri gopinath gadhada of Botad are watchful place of shri mastaram bapu is in Botad he was guru of bhavnagar maharaja takhtasinhji the place of the plain at the extremity of rising of Botad born of one self without any external medium Shri Virateshwar Mahadev and the plain at the extremity of setting Shri Bhojeshwar Mahadev are there thus Botad has been city prabhanand merciful at religious view.

Botad is place of actions of national poet Zaverchand Meghani formations of rasdhar of saurashtra, sorathi, baharvatiya, sorathi saints and many undying books have been formed from here prominent news paper "Phulchaab" of saurashtra when was published from ranpur at that time zaverchand meghani was its editor.

Morso this is also birth place of singer of human relations poet shri Botadkar formation of undying book "Janani Ni Jod Sakhi Nahi jade re lol" has also been formed here college on the name of any poet being in hold Gujarat that is only located in Botad of which name is kavishri Botadkar arts and commerce college.

Famous magician mohammad chhel of Gujarat was born in Botad who had done many astonishing magical experiments in Botad who not only stage but on the land among people at that place had done astonishing magical experiments.

During reign of maharaja Takhtasinhji Botad bhavnagar was understood important sub division of state hospital was open in Botad from state in 1873 secondary school was also constructed to provide educational need of society.

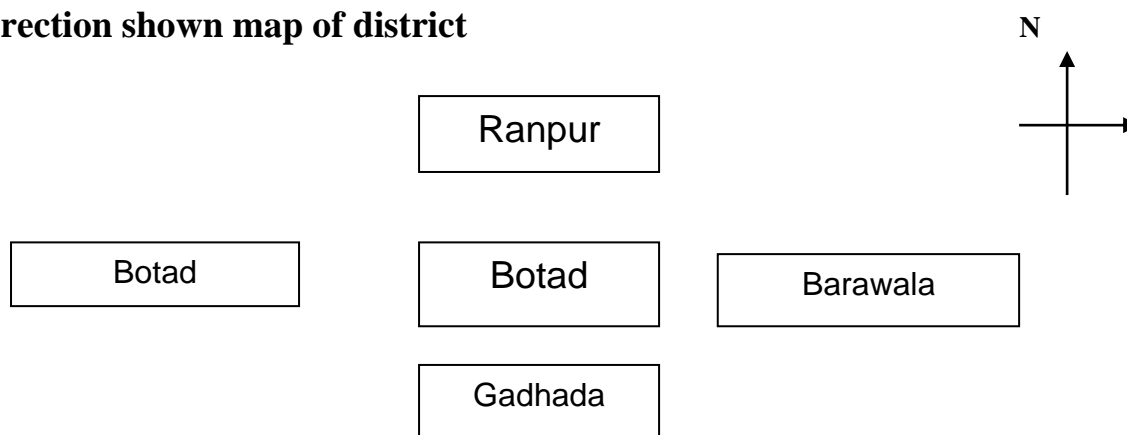
Bhavnagar Vadhwan railway line via Botad was constructed in view of development formation of municipality in Botad was done in time of bhavsinhji second many improvements - aggregation in Botad are done in time of Krishnakumarsinhji firm road up to tower to station was built lamps on public roads were placed big pond was also constructed to western direction of village by purpose of water question to be ever today also that pond is known as Krishnakumar pond

Thus Botad has been mute witness of donation of donors with religious and literature of people from its existence this city has been developing and will be developed by blessings of divine consciousness of various legendaries.

❖ **Administrative Symptoms of Botad district**

This district is located in southern direction of district bhavnagar of which to north side ranpur taluka, to east side barwala taluka district ahmedabad to west side jasan taluka district rajkot and to north side gadhada taluka district bhavnagar are located.

➤ **Direction shown map of district**



This Taluka is spread in among 749.4 sq, kilo meter to east 71 to north 22 latitude and to east 42 to north 10 longitude is located in this taluka 53 revenue villages and 50 gram panchayat are comprised in it.

➤ **Geomorphology:-**

Land of kind land of alluvium land, fruitful land, black and clay land are in land in geographic structure of this district main river is streaming like as Sukhbhadar, Goma and Ghelo in this district.

## ❖ Rocks :

### ➤ **Umiya pat (Jurassic):-**

mixed rocks, sandy land and shells and sticking clay and stones are in umiya pat land this region is spread in straight extent.

Very good space for farming looking on geographical position of district Botad cause that land of most part is fruitful and yielding land without level alluvium land is adaptable for crop state this area is area of probable drought due to less rain limited industrial development is seen here due to not yielding natural properties and minerals here professional industry except farming may be then that is diamond industry and of cotton-ginning.

Here most of people are engaged in business of farming, diamond art skill (Diamond Cutting) etc economical position is very weak of laborers of here due to being here dissociated industries business structure of this district shows that how is layer of economical upgradation and economical activities in which those people are engaged probability of incident of fire to be emerged is more due to being one ratio of ginning factories in Botad district and R.M.P. and TEXSPIN such companies are located at Ranpur taluka due to that probability of accident is to be happened.

## ❖ Administrative Structure

(A) Taluka village as per below in district are comprised.

<b>Sr.No</b>	<b>Name of Taluka</b>	<b>total village</b>
1	Botad	52
2	Gadhada	76
3	Barvara	26
4	Ranpur	34
Total		<b>188</b>

(B) Division as per administrative area is as under

04-Taluka : Gadhada, Botad, Barvala and Ranpur

03-Nagarpalika : Botad, Barvala, Gadhada

(C) On taking in to account to trilayer panchayat and local authorities in this district 03 nagarpalika are located and in district 04 taluka panchayat are located.

### ❖ **Roads & railway facility :-**

All the villages of this district are joined with firm roads moreso whole district/talukas are joined with roads big cities of most part of states of whole india are joined with rail track with ahmedabad district.

### ➤ **Climate :-**

Climate of this district is seen dry and rain is registered in 30 days in a year four seasons are felt in a year during dec. to Feb. cold season, then march to may summer, seasonal winds of up to june to september, during oct. to nov. is season after rain.

Average rain of last year of this district is as much 575.85 mm. this rain is called good of season rain in area from south-east to south-west falls during july to sep. 80% rain of season falls in this time period sometimes winds of west in winter season may fetch rain farming being through mostly bore, well is seen due to rain falling in least rain and period of time.

### ➤ **Herb and Jungle:-**

Hills near dhankaniya village/area of this district are barren and hilly area mostly thorn thickets and acacia thorns trees is seen more no jungle is located in Botad taluka.

### ➤ **Fishery :-**

Fishery activity is not run in Botad district

### ➤ **Industrial information :-**

Industries like as ceramic, tiles, diamond cutting and ginning are developed in Botad district no big industry is located in this taluka.

### ➤ **concerned to agriculture:-**

Various crops like as wheat, cotton, mango, sugar cane, peanuts beams, millet are cultivated in district.

First attention towards work oriented response for flood and drought in disaster management to be done at district level should be concentrated response for such incident is associated with response of breaking.

## ❖ **District Level Plan of Prevention and Mitigation.**

Quick and effective action has to be taken when a disaster actually strikes or when there is a real threat. And at such times, proper planning becomes very important for the disaster victims. It is not possible for the administration alone to act in disaster preparedness. The scheme is being prepared village by village as an approach of the government to reach the last village level administrative level and the people with a basic and ethical understanding that should be developed with the cooperation of local people, organizations.

- ✓ Shelters are identified in primary planning. Migration routes are determined. Actions, executions and contact reactions are determined.
- ✓ To determine institutional tools in disaster preparedness planning. Defining roles and responsibilities. Planning is done including developing policies and procedures and developing timely disaster preparedness and ensuring effective response.
- ✓ The necessary equipment and capabilities are available for effective disaster response operations. His information has been obtained.
- ✓ Planned rapid mobilization of essential relief supplies and equipment to be used in disaster situations. To maintain, store and systematize warehouses/warehouses. Alternatives for delivering relief supplies to remote and inaccessible areas are planned.
- ✓ The following working procedures are in place to maintain coordination between local organizations / voluntary organizations and local authorities / authorities at the time of disaster.



## **:: Botad District in Education Sector ::**

### ❖ Primary Education:-

There are 226 government and 73 private schools in Botad district. Total:-299 primary schools are functioning. In which 107407 students are studying. Out of which 462771 boys and girls are getting primary education in government private schools and 44636 in private schools. 203 Prajnasalas have been started in private schools.

#### ➤ Number of primary schools in the taluka

Sr. No	Taluka	Primary school			Teachers			Students		
		Govt	Granted	Private	Govt	Granted	Private	Govt	Granted	Private
1	Botad	60	-	27	620	-	-	19331	-	30478
2	Gadhada	94	-	25	717	-	-	22972	-	6645
3	Baravala	29	01	10	250	03	-	7228	-	3840
4	Ranpur	42	-	11	403	-	-	13240	-	3669
	<b>Total:-</b>	<b>225</b>	<b>01</b>	<b>73</b>	<b>1990</b>	<b>03</b>	<b>-</b>	<b>62771</b>	<b>-</b>	<b>44636</b>

### ❖ Secondary and Higher Secondary Education

There are total 220 secondary and higher secondary schools in Botad district. Out of which 2086 students study in 131 secondary schools and 11606 students study in 89 higher secondary schools totaling 33692 students..

#### ➤ Taluka wise number of secondary and higher secondary schools

Sr. No	Taluka	Secondary secondary schools			Higher secondary schools			Total		
		Govt	Granted	Private	Govt	Granted	Private	Govt	Granted	Private
1	<b>Botad</b>	11	10	40	02	07	37	13	17	77
2	<b>Gadhada</b>	11	12	17	02	09	14	13	21	31
3	<b>Baravala</b>	03	04	04	00	03	04	03	07	08
4	<b>Ranpur</b>	08	05	06	03	03	05	11	08	11
	<b>Total:-</b>	<b>33</b>	<b>31</b>	<b>67</b>	<b>07</b>	<b>22</b>	<b>60</b>	<b>04</b>	<b>53</b>	<b>127</b>

## **-:: Religious place of Botad district ::-**

### ➤ **Salangpur Hanumanji temple**

Prominent hanumanji temple is located at village salangpur afar 11 km from Botad city darbar jiva khachar devofee of swaminarayan of salangpur was always accustomed to serve saints and to worship time elapses after jiva khachar economical condition is son vagha khachar corroded ensuing he was not serving saints shri Gopalanand Swami came at village Botad by traveling for satsang propaganda diffusion on listening this news darbar vagha khachar of salangpur went to Botad for worshipping swami, swami said that darbar you look in different at that time vagha khachar said requestly that swami two kind of time period fell on us its not rain since three year and second saints do not come due to economic condition being weak of our village so emptiness of satsang swami you pity a little bit, saints may come to us swami Gopalanand told vagha to bring stone from salangpur in which was carved idol of hanumanji by coal swami told vagha to call and bring one carver and told him to carve idol of hanumanji idol was carved by normal carven then swamiji, brought idol to salangpur vikram savant 1906 year 1850 A.D. Asosud pachamna roj with help of pendant brahmin with proper puajvidhiestablishment of this idol was made in land of vagha khar main follower shookmani of swami gopalanand prayed swami gopalanand was standing during prayer by centering his eyes into eyes of idol after fifth round of prayer idol started stirring all seemed that residence of god in this idol has been done then swami stopped extradition of light and people can talk with god such power was donated thus agony of people started removing and name of god of salanpgur wa fallen and called kashtabhanjan dev proper construction of temple being started in small place byblessing of swami was done in vikram savant 1956 to 1900.



➤ **Place of Visamanbapu paliyad :-**

Place of visaman bapu is located at village paliyad afar 15 km from Botad city name of father was pataman and name of mother was rambai maa pataman was residing at small village dhrufaniya located near Botad and was bringing one miracle saint chandannath everyday residing on hill in village from his home to get him drunk cow's milk one day chandannath knew mental agony of pataman and said that pataman when you come tomorrow, come with a little bit rice and sugar second day pataman again goes to chandannath chandannath gives pudding by making and says that pataman you did not tell me your agony your world but your face and eyes told me go pataman and eat this pudding you and your wife at your place birth of son will be happened and that no one other but will be avatar of ramapir of self ranuja and tomorrow morning on rising first ray of sun leave by levaing dhrufaniya what place sun sets, stay there pataman does as per saying by chandannath and in the evening he comes in that village that village means that paliyad leader rama khachar self is kathi of paliyad and knows very much about worshipping of pataman he manages residence for pataman time elapses and on the day of sunday vasant panchami royal of ranuja is born at the home of pataman pataman gave name visaman to his son and with the blessings of saints ramdevpir is born and that visaman is known as visaman bhagat.



❖ **Importance of place :-**

Laxman Bapu second of place of paliyad had completed magic by dedicating to trinreshwer mahadev by spinning in flag of 52 gaj unfolding his own turban in tarnetar fair

so to date also fair of tarnetar not being started till mahant of place of paliyad not dedicating flag on temple of trinetesvar mahadev.

### ➤ **Gadhada Swaminarayan Temple**

Gadhada is located on the bank of river ghelo at the distance of 27 km from Botad which is main place of taluka that is associated well at road way with most of cities of Gujarat at the sight of transportation this city is famous as one main sect of vaishnav branch known as swaminarayan swaminarayan sec has begun in 1804 by sahanand swami. sahanand swami was social and religious reformer he removed social evils. Bhagwan swaminarayan had passed 27 years of his life span here so gadhada is very much important religious place for followers of swaminarayan sect. Bhagwan Swaminarayan had done by his own hands construction of gopinathji temple here. Temple of gopinath dev constructed in year 1829 is one of biggest swaminarayan temple it is beautiful place at the sight of architecture with high ceiling in which vast chowk and assembly room and vast dharmashala. Items and house of time of bhagwan swaminarayan today also in this temple have been preserved those houses are known as northen rooms and southern rooms that akshar room today also is seen here where bhagwan swaminarayan were residing. Thousand of pilgrimages come for gadhada to worship god from remotest places big jaljirni fair is being together on bhadarva sud agiyaras that is important festival for swaminarayan sect. Shri akshar purushottam swaminarayan temple located on the bank of ghelo river was constructed by shashtriji maharaj of which ceremony of laying foundation had been done by bhavnagar king shri krishnakumarsinhji.



## ➤ Bhinnath Mahadev

Here 5000 years previous ancient seated Bhinnath mahadev under tree leaves of foil is located looking on sight in Mahabharat times pandvas came during unknown residence at this place bhim established mahadev under tree leaves of foil at present 5000 years old tree leaves of foil is alive. This is only shivalay (Temple of mahadev) without top in India as per ancient story associated with this temple during exile (Vanvas) pandvas now where is Bhinnath mahadev had arrived at that place arjun had rule that do not eat without worship in shivji no where around shivling was not appeared at last not being suffered huner by Bhim he placed stone of sculpture of shivling under tree leaves of foil by putting wildy flower on it as such before a little bit time someone being worshipped of mahadev such scene was erected and brought pandvas to this place for worshipping arjun, on looking shivling, worshipped by bringing water from nilaka river streaming beside and all took dinner after finishing dinner bhim said that he himself had concepted shivling arjun wept due to being failed his worshipping by hereing concepted this talk and started prayer to shivaji bhim himself is true such to be proved by attacking mace (Gada) forcibly on that stone did two pieces of it (That is present also today) flow of milk was streamed from stone with this and bhagvan bholenath emerged bhim required his padan and shivaji gave blessings pandavas with arjun.



# Chapter-2

## Disaster risk analysis

### ➤ **Hazard helplessness and capabilities (HRVC) investigation**

Hazard, Risk, helplessness and capabilities in investigation for various hazards are integrated investigation of risk and helplessness much interested analysis is in this information in which where are hazards, probable place and structure and who is hazard probable people ? more so which people competent to face hazard in helplessness investigation economic, social, unsafe houses of helpless residences, helplessness of environment etc are comprised. Hazard, risk, helplessness and capabilities list of resources in investigation management of previous preparation communication public distribution system, godown, warehouse, transportation, hygiene fire station details of residing in disaster are in more so list is of self servants and working voluntary institutions in district for making effective emergency response.

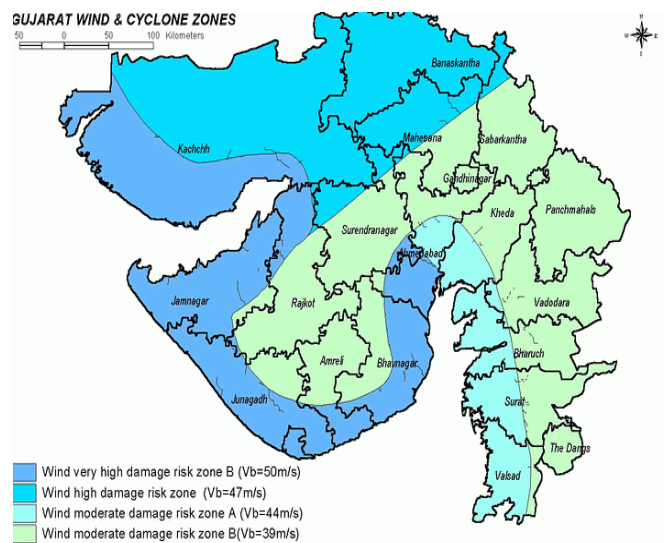
### ❖ Risk investigation integrated

## 2.1 Earth quake

Botad district falls in zone-3 probability of loss during quake here hereby is much less multistoreyed buildings are in much less ratio due to being newly formed district.

Heavy destructive earth quake arrived in Gujarat state on date 26-01-2001 was more acute and effective than quake

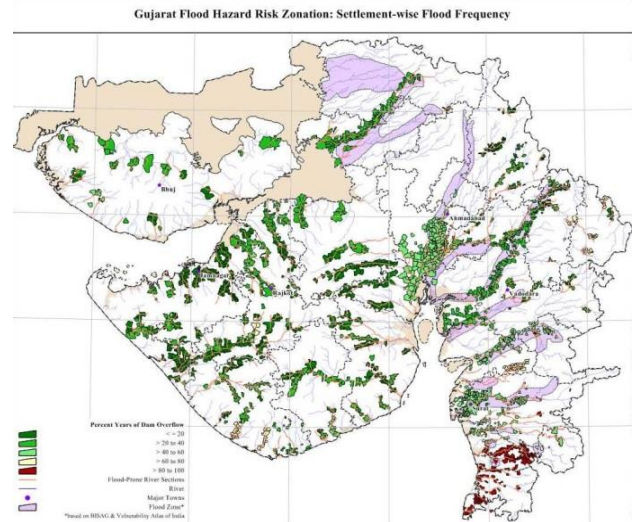
arrived in other part of country extra effect of any quake especially in all the talukas Botad district is not seen.



## 2.2 Cyclone

Cyclone is tornado of spreading air and circulating circular speedily which being derived from ocean come on land these circular winds emerging in arabian sea or bay of bangal normally advancing in north west direction strikes on land from ocean heavy or heavier rain also can pour under effect of cyclone.

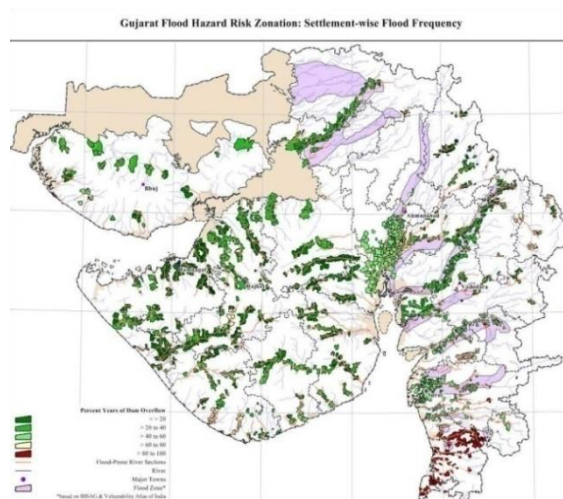
- Wave of maximum heat in north west india is reaction creating to cyclone.
- Air being hot being slow or rises up so field of less pressure (Slow pressure) is created to fill this place other wind advances this side.
- This way maximum mass of air with steam from arabic ocean by advancing ahead exceeds towards pressure field from above seashore of ocean.
- Cyclone rotates circle in opposite direction of clock it can be also up to 8 to 12 km at sea level width of cyclone can be of 20 to 50 km. Silent center point located among cyclone is called “Eye” of cyclone internal circle and external circle of eye are understood part of cyclone when and where can cyclone strike on surface of land under speed of air and direction climate department (Cyclone bulletin) warns by calculating its calculation.
- Cyclone comes mostly from arabic ocean in Gujarat and advanced towards to north west direction it affects seas here adversary in mostly areas of bay and in which areas of district kutch, rajkot, jamnagar, porbandar, junagadh, amreli, bhavnagar, bharuch, surat, valsad are comprised in it.
- No certain period of time is of cyclone probability is more of coming cyclone before or after monsoon in Gujarat means that up to may month to october danger of cyclone is more normally at the speed of 15-25 km with speed increases velocity in ocean is less while speed increases with coming on land incident also happens that cyclone being stagnant up to long time at one place sometimes.
- Pre caution to be followed of climate department in this matter is beneficial locally certain precaution can not be done direction of wind in areas passing in midline of cyclone.



- Changes one side to other side and wind becomes sound in between period of time so to keep more care is beneficial.

### 2.3 Flood :-

Rivers located in Botad district and villages of on the bank of river in this district steaming rivers are sukhbhadar and goma and sukhbhadar and goma are important ponds.



### 2.3 Report of average rain of district :-

On taking in to account figures of fallen rain during 2019 to 2023 in district average rain details of rain fallen during monsoon are as under.

Sr.No	Name of Taluka	2019	2020	2021	2022	2023
1	Botad	1158	1085	673	618	758
2	Gadhada	1091	1470	565	745	686
3	Baravala	925	883	723	534	909
4	Ranapur	752	583	531	446	684



## ❖ River water level measuring station

### 2.3.1 Information on dams in Botad district

➤ Total number of dams-09 (06 with gates + 03 without gates)

Sr.No	Taluka	Name of the reservoir	number of doors	Surface to overflow	Plan number in flooded cell
1	Bavala	Khambhada	7 Gait	50.35	8905152695
2	Ranapur	Utavali-Gunda	15 Gait	49.30	8905152695
3	Gadhada	Malapara	8 Gait	78.10	9998980294
4	Gadhada	Limbali	12 Gait	128.10	9737685407
5	Botad	Kaniyad	7 Gait	102.25	8153862035
6	Botad	Goma	No Gait	126.50	8000356005
7	Gadhada	Bhimadad	No Gait	104.85	9924287271
8	Babara	Ghelo (E)	No Gait	166.42	9924287271
9	Botad/ surendranagar	Sukhabhadar	8 Gait	109.2	9727619569

### 2.3.2 Villages vulnerable to damage due to dams, check dams, reservoirs etc.

<b>Name of Taluka: Botad</b>			
Sr.No	Village Name	Sr.No	Village Name
1	Nana chaida	3	Piparadi
2	Limaboda	4	Nana Bhadala

<b>Name of Taluka :- Gadhada</b>			
Sr.No	Village Name	Sr.No	Village Name
1	Kerala	12	Suraka
2	Limbali	13	Gadhali
3	Etariya	14	Rajpipara

4	Ramapara	15	Tatana
5	Mandavdhar	16	Lakhanaka
6	Rojmar	17	Esavariya
7	Goradaka	18	Adatala
8	Meghvadiya	19	Gadhada
9	Ningala	20	Ugamedi
10	Hamapar	21	Tatam
11	Pipar	22	aakadiya

**Name of Taluka ; - Baravala**

Sr.No P	Village Name	Sr.No	Village Name
1	Hebatpur	9	Vahiya
2	Kapadiyari	10	Nabhoe
3	Salangpur	11	Shahapur
4	Khamidana	12	Ranpari
5	Temala	13	Pipariya
6	Kundal	14	Rojid
7	Khambhada	15	Vadhera
8	Sogasar	16	Chachariya

**Name of Taluka:- Ranpur**

Sr.No P	Village Name	Sr.No	Village Name
1	Umarala	12	Sundaruiyana
2	Kundali	13	Devaliya
3	Gunda	14	Aniyaari
4	Jarila	15	Sarangpur
5	Charanaki	16	Khokharnesh
6	Patana	17	Bagad
7	Keriya	18	Panavi
8	Bubavav	19	Kinara
9	Aalampur	20	Deradi
10	Khas	21	Ranapur
11	Vejalaka		

### **2.3.3 List of District Swimmers**

<b>Sr.No</b>	<b>Name</b>	<b>Taluka</b>	<b>Mo,No</b>
1	Chetanapari B Gauswami	Botad	9824222241
2	Vishalbhai J Makwana	Botad	9723713032
3	Kalpeshbhai P Algotar	Botad	8804116836
4	Deepakbhai G Chauhan	Botad	8173776618
5	Mansukhbhai Ji Baghodaria	Botad	8428638878
6	Amitbhai J Solanki	Botad	9328408524
7	Dilipbhai N Solanki	Botad	9824770156
8	Baldev Singh F Limbola	Botad	9998171797
9	Dharmendra Singh C Dodia	Botad	8723688800
10	Yuvraj Singh D. Dodia	Botad	8737080668
11	Rakeshbhai D Maru	Botad	8624002008
12	Kishanbhai M Chauhan	Botad	7359191397
13	Maheshbhai P Many	Baravala	8780092973
14	Sachinbhai G Zapadia	Baravala	7600632185
15	Ramjibhai or Gami	Baravala	9714750733
16	Dharmendrabhai R Parmar	Baravala	9737644173
17	Munnabhai S Dodia	Baravala	8804426087
18	Alpeshbhai A Abiali	Baravala	9724701777
19	Vijay Singh D Rathore	Gadhada	8153850024
20	Bharatbhai M Somani	Gadhada	9426256262
21	Vanraj Singh B Rathore	Gadhada	9429232300
22	Manishbhai N Deliwala	Gadhada	8160868768
23	Chakuben N Rathore	Gadhada	9898529822
24	Budhabhai B Jograna	Gadhada	9725963899
25	Fatubha B Parmar	Gadhada	8888132840
26	Amdubha M Parmar	Ranpur	9173033747
27	Jayaraj Singh N Parmar	Ranpur	8401541244
28	Ranjit Singh A Parmar	Ranpur	9725401969
29	Kishorbhai or Parmar	Ranpur	8104876143
30	Maheshbhai M Vaghela	Ranpur	9979632270

### **2.3.4 Important contact numbers in case of flood**

<b>Disaster related control number of other account departments of Botad district</b>		
<b>Sr.No</b>	<b>Department/Office</b>	<b>Telephone/Mobile No.</b>
<b>1</b>	Control Room Disaster Branch Botad	02849-271341,271340 / 1077
<b>2</b>	Police Control Room	02849-231401
<b>3</b>	Fire Station Botad	02849-252420
<b>4</b>	Ambulance	108
<b>5</b>	Depot Manager Botad	02849-251420
<b>6</b>	Medical Officer Botad	02848-288064
<b>7</b>	Railway Botad	9426451154
<b>8</b>	Divisional Control Room Botad	02847 49-251420
<b>9</b>	Traffic Officer	93832417 1768
<b>10</b>	PGVC L Botad	02849-251418/9687633474
<b>11</b>	Irrigation Department	02849-251448
<b>12</b>	road and building	02849-251448
<b>13</b>	District Education Officer	02849-253476
<b>14</b>	Forest Department	02782428644/02782427317
<b>15</b>	Water supply	9978404875/9 18878406878 0280 849-251484,0 02848 - 251483

### **2.3.6 List of rescue and rescue and relief equipment**

<b>Sr, No</b>	<b>Name of Taluka</b>	<b>Village No</b>	<b>Life saving jacket</b>	<b>Life Boya</b>	<b>rope</b>	<b>Reserve Quantity (at Taluka Level)</b>		
						<b>Life saving jacket</b>	<b>Life Boya</b>	<b>rope</b>
1	2	3	4	5	6	7	8	9
1	Baravala	1	0	02	01	0	02	01
2	Ranpur	2	95	85	08	95	85	08
3	Botad	3	06	12	04	06	12	06
4	Gadhada	4	0	0	02	0	0	0
<b>Total:-</b>		<b>10</b>	<b>101</b>	<b>99</b>	<b>15</b>	<b>101</b>	<b>99</b>	<b>15</b>

### **2.3.7 Need of recognizing groups holding helplessness**

Handicapped persons become more helpless during incident of disaster so to know person and group holding extra need and priority should be given in work plan to their needs such persons who hold one or more than one physical weakness or state of being handicapped like as blind or slightly blind in walk, in speech, in hearing, being difficult in recalling difficulty may fall during disaster to them extra plan should be done for providing such person and group speeding assistance. Several disabilities are as such falling direct sight while several are difficult to be searched and understood like as cardiac diseases, mental agony, arthritis, allergy, asthma, difficulty of breathing by opposite effect of chemicals, difficulty of seeing hearing and of mind etc.

### **2.3.8 Persons disable end such as being obstructed in doing several tasks like as.**

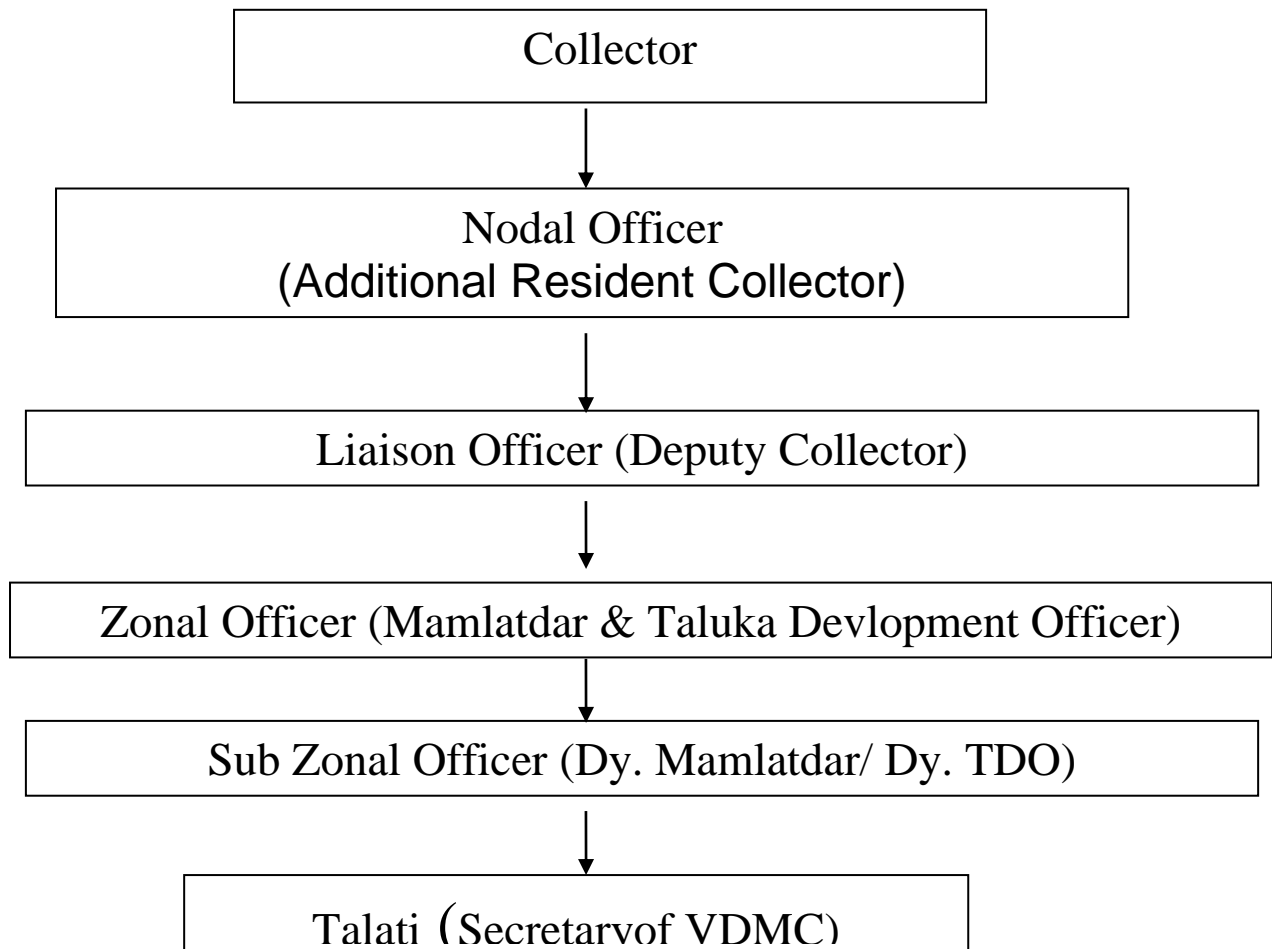
- Being difficult at the time of use of stairs or walking (Arthritis persons using tool for roaming wheelchair, armpit mare, blind walking with stick handmaiden) tired immediately breathing disturbed breathing being unable (For a while and being such position permanently)
- Cardiac disease, abnormal lungs or any other symptoms which creates difficulty in breathing by walking hither tither and tiredness, stress.
- Difficulty of mental intellechuality to be thought and to be understood.
- Blind
- Deaf

## Chapter – 3

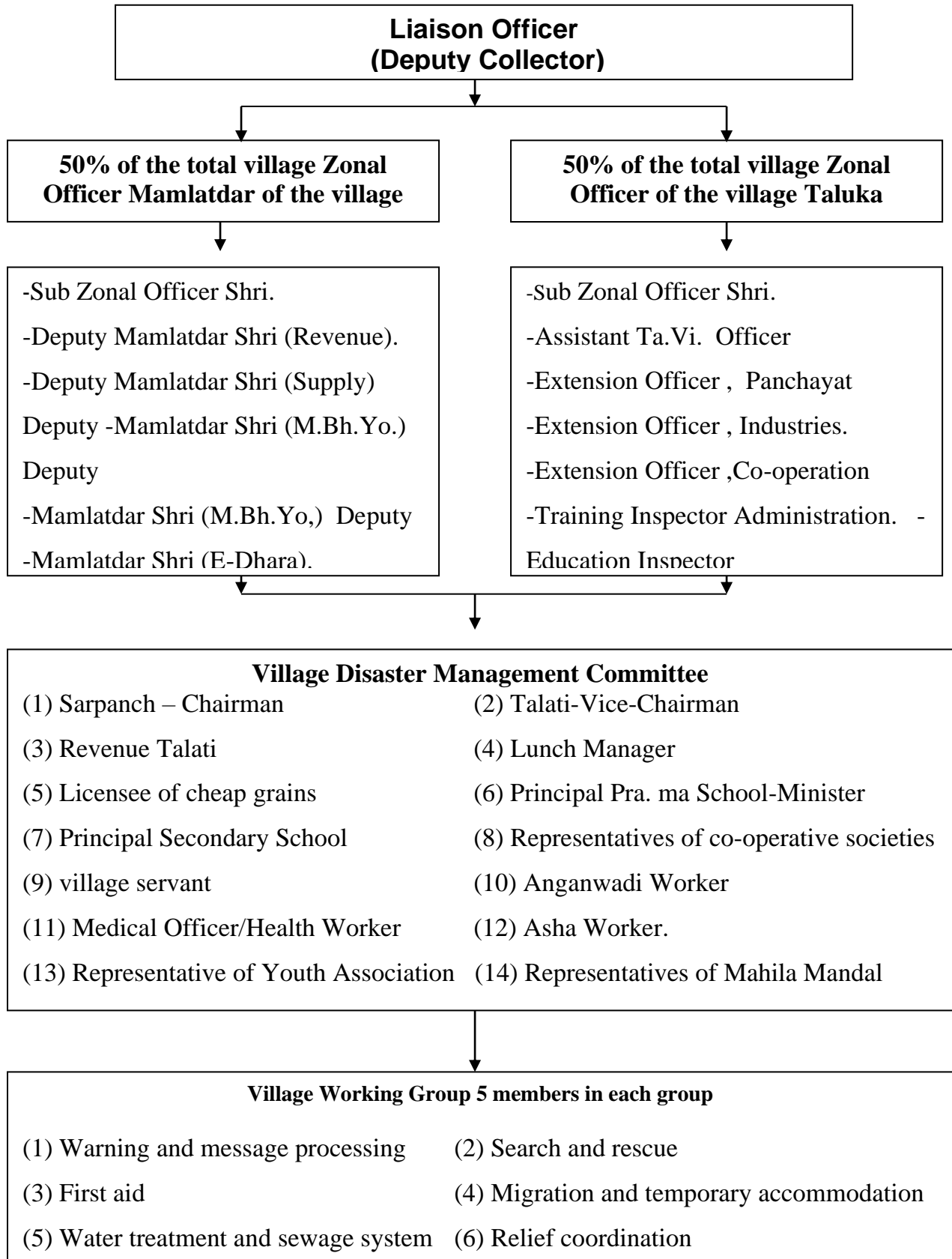
### ➤ Institutional Structure

Institutional structure has been considered for functioning to district disaster management plan in this structure between taluka and nagarpalika can be co-ordinated and by complimentary mutual with autonomous different departments and it is supposed to coordination with taluka and authorities of state form of district disaster management committee has been prepared as per disaster management act.2003

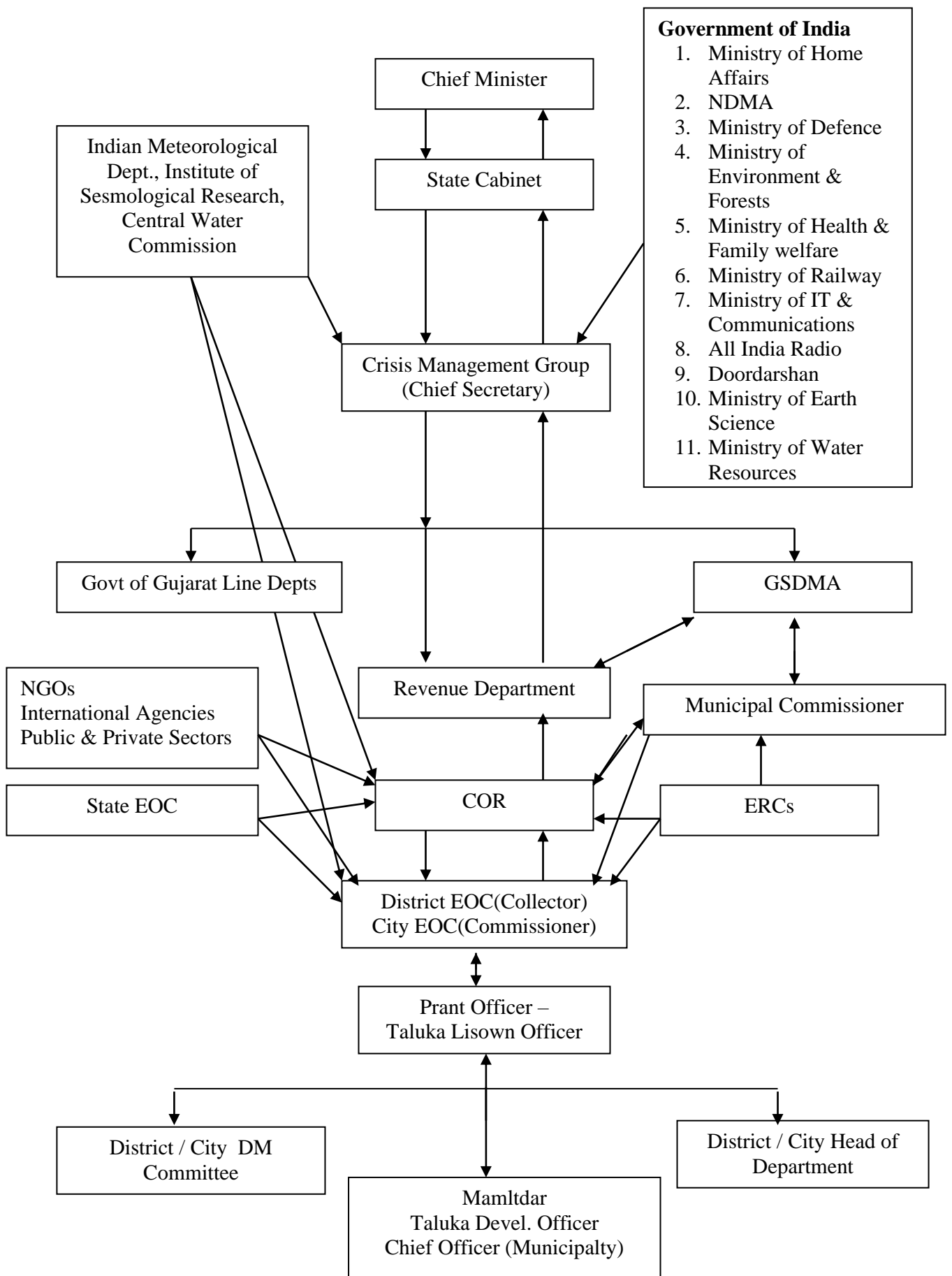
### 3.1 Institutionalization of DM at District Level.



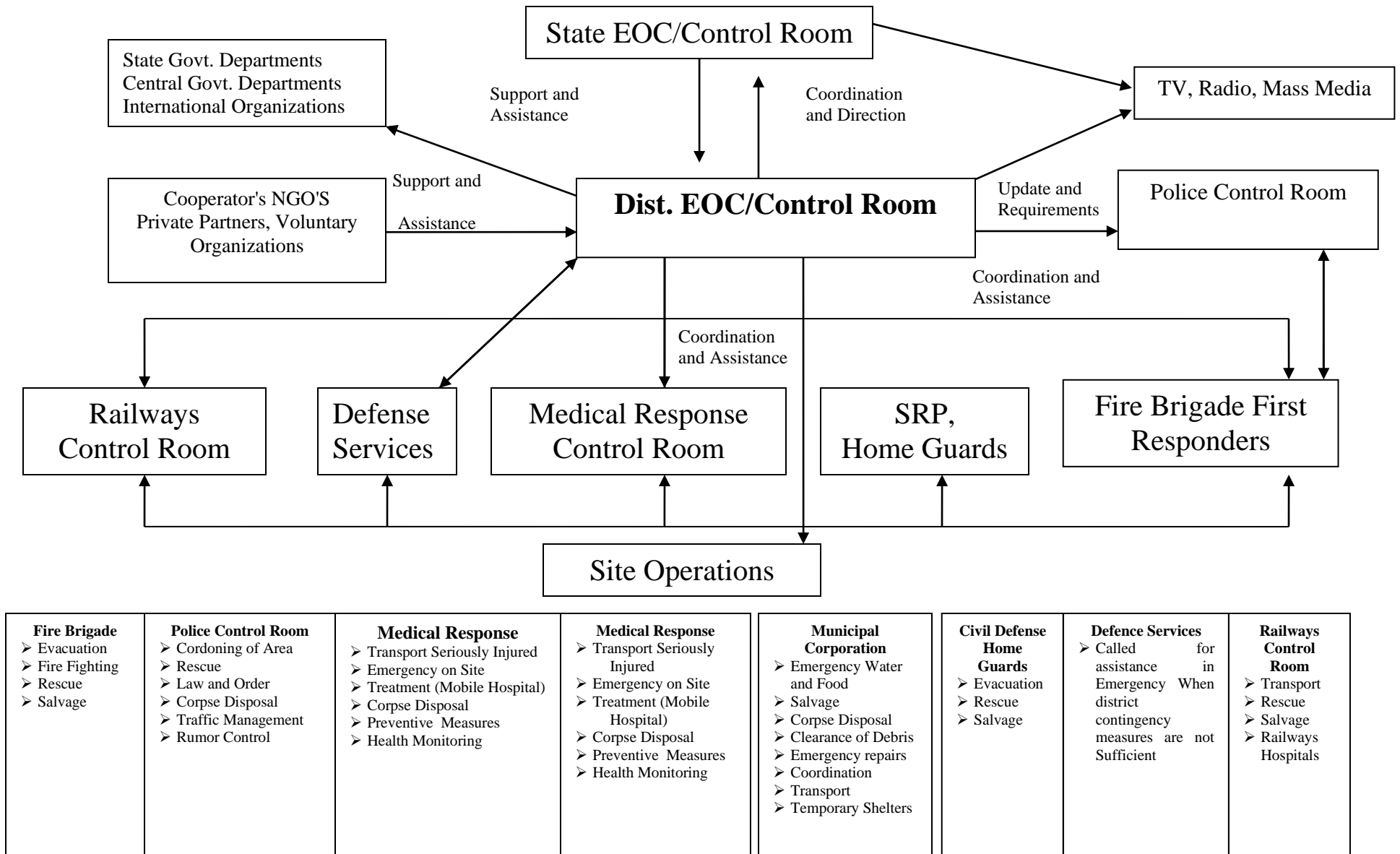
## DRM Diagram



### 3.2. Disaster Management Structure in the State.

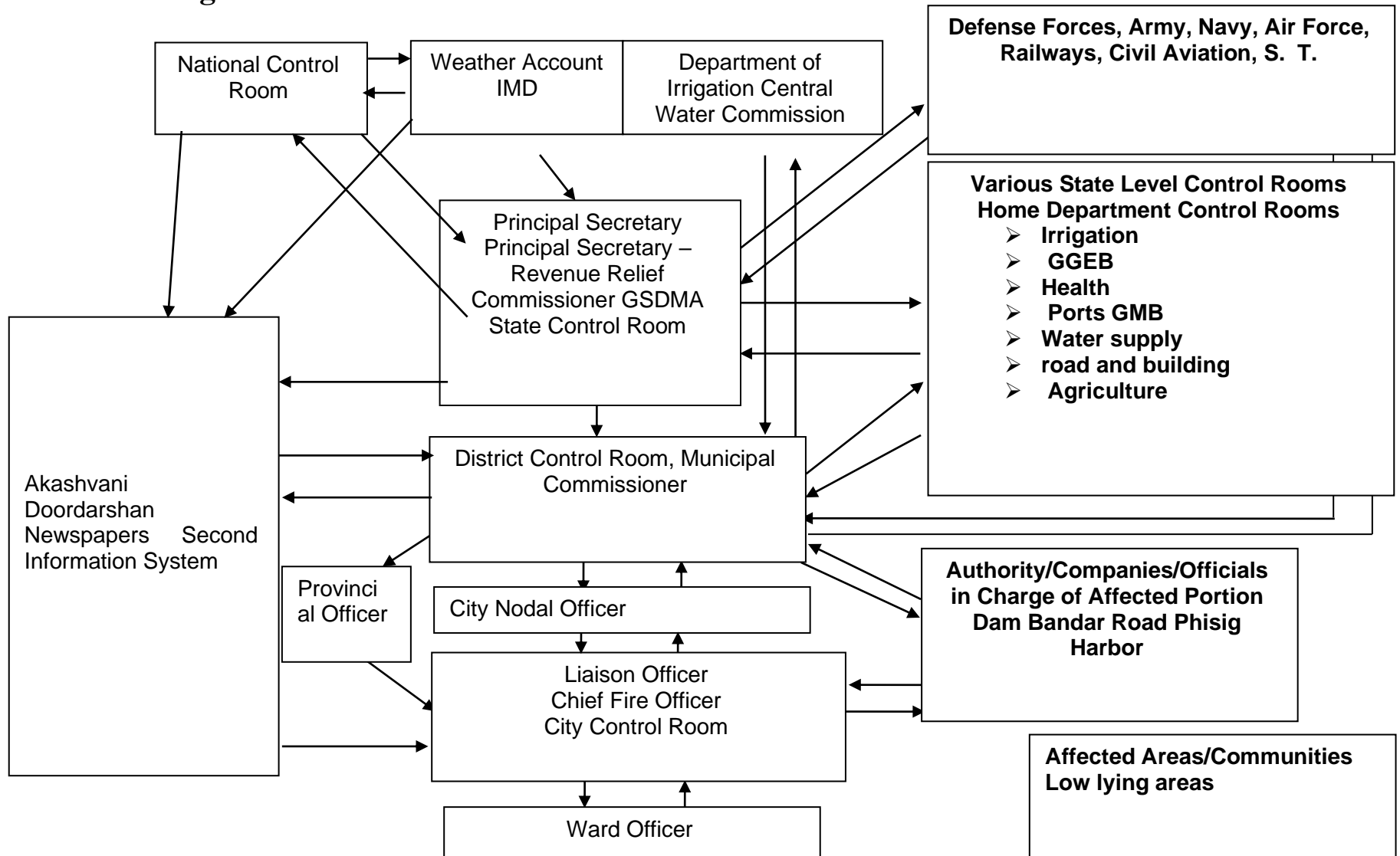




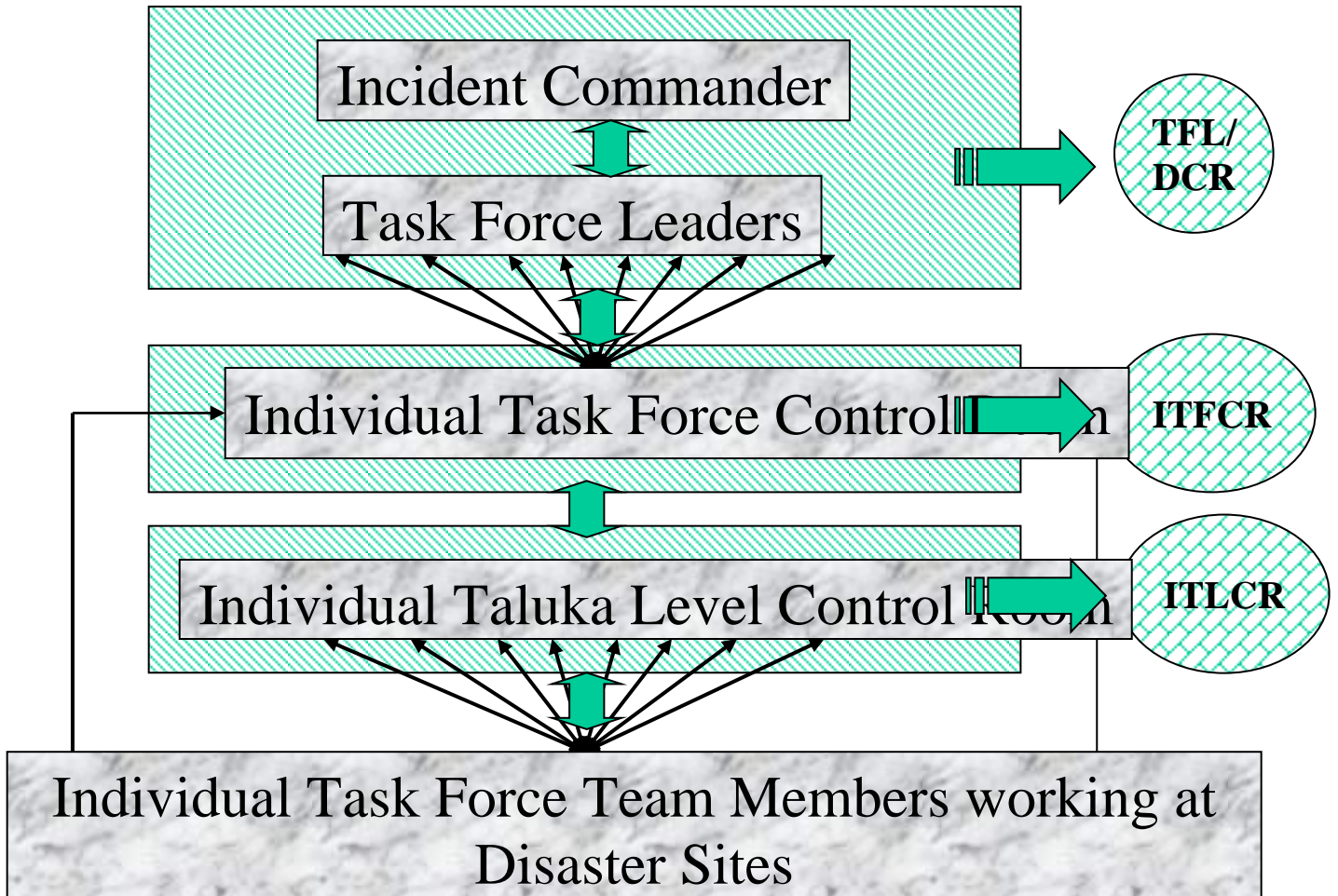


### 3.3 District Disaster Response Incident Command

#### 3.4 Warning in urban areas



### 3.5 Communication Flow Chart during Disaster Management.



## Chapter-4

### **Pre preparedness for response**

To respond instantly is necessary before disaster and after disaster firm incident response system GL (IRS) should be prepared for planning of response pre planning is useful is deciding co-ordination structural and non structural tasks etc. Pre caution, search and saving, human hel, primary treatment relief, provisional shelter, watch and cleanliness, law and order, cattle care prevention of complaint, restitution and re construction and re construction are important matters.

#### **4.1 System of offices of district**

<b>Sr,n</b>	<b>office</b>	<b>Tasks for disaster management.</b>
1	<b>Collector Office</b>	<ul style="list-style-type: none"><li>- Incident of district protocol co-ordination with all departments and review of functionality.</li><li>- Any area is affected area, during that period, order to authorities of departments in government and local authorities for providing relief urgently as per disaster management plan in affected area.</li><li>- To use of available resources and to adjust of usage.</li><li>- Traffic to control towards affected area of disaster from and inside it or to prohibit.</li><li>- To control and to prohibit any disaster area or of entry in part of it, to move inside it or on going there.</li><li>- To get removed debris.</li><li>- To get done search and saving functionality.</li><li>- To get adjusted properly for disposal of disinherited dead bodies or of dead animal.</li><li>- To provide optional shelter places.</li></ul>

		<ul style="list-style-type: none"> <li>- To provide food, medicines and other necessary items.</li> <li>- To get done relief work under their direction and observation of experts and advisors of associated field with disaster.</li> <li>- To get possessed and to get done then uses of tools of communication or houses, instrument, vehicle or any asset at tendering and conditions such as to be resolved.</li> <li>- To use as per special priority of facilities when need be.</li> <li>- To get constructed provisional bridges and other necessary structure.</li> <li>- To break unsafe structure such as to be placed in risk to public people.</li> <li>- To co-ordinate non-governmental organization and they run reasonably their activities that is to be corrected.</li> <li>- To broadcast in public people of report about to be maintained to disaster.</li> <li>- To use force in reasonable ratio for total population from any affected area for purpose of saving lives and properties or to be ordered for migrating to any part of it and to get done duties and to get vacated such area</li> <li>- If he seems necessary that lives and properties to be saved such measures are necessary and owner or tenant is absent of any doors, gates or barrier or he denies to open hence being present then in any such place to open barrier or to get opened barrier to get any person authorized.</li> <li>- To assist to community people up to being necessary, to provide relief, to provide protection.</li> <li>- To get disaster prevented exceeding or to allay or to control effects of disaster or orders such as will be given to any person or government agencies and can take other measures such as being necessary.</li> </ul>
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		<ul style="list-style-type: none"> <li>- Tasks for preventing disaster or allaying effects of it or facing such effects as per such guidelines to be preserved are done and to get it corrected.</li> <li>- To provide to authorities report concerning to various aspects of disaster management such as pre caution and position of preparedness.</li> <li>- To get that matter corrected to be received information for trying of disaster management officers of district.</li> <li>- To be prepared, corrected, modernized district disaster management plan, that matters should be corrected.</li> <li>- To be simplified activities before and after disaster management in district and to co-ordinate local government institutions for correcting that matter.</li> <li>- Local body, non governmental organizations and community training, awareness programmes by help of private field and to be established urgent facilities should be simplified.</li> <li>- To established internal divisional co-ordination on matters concerning to disaster management.</li> <li>- To review urgent plans, accidental plans and guidelines.</li> <li>- To correct that matter being associated with local authorities of district in developing strategies for facing to disaster.</li> <li>- Disaster management activities and planning are harmonized to get it corrected.</li> <li>- Communication machinery is active that matter is to be corrected.</li> <li>- Fire extinguishers and apparatus concerning to disaster management and other instruments materials being ready for usage in a way are preserved that matter is to be corrected.</li> <li>- To co-ordinate activities of re-construction and rehabilitation in district.</li> </ul>
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		<ul style="list-style-type: none"> <li>- To be done parades of disaster management time to time to get it to be corrected.</li> <li>- To co-operate to authorities in controlling observation of effect and progress of afforts for re-construction and re habilitation.</li> <li>- Powers such as being assigned by state government, authority and commissioner should be used and should be performed such tasks.</li> <li>- To use second power such as being resolved by disaster management authority and to perform such other tasks.</li> </ul>
2	<b>District Panchayat</b>	<p>✓ <b><u>Pre preparedness</u></b></p> <ul style="list-style-type: none"> <li>- To update disaster management plan prepared at taluka and rural level for disaster management.</li> <li>- To be inform by disaster management people of community, plan it.</li> <li>- To build capacity of officers, personnel and office bearer of level of village, taluka and district by planning of various programmes of awareness of people.</li> <li>- To appoint nodel officer for co-ordination to be fixed with other responsive at district level.</li> <li>- To be watchful not to be emerged disaster due to task of development of district panchayat.</li> <li>- To plan properly for, communication management, searchsaving, primary treatment, functionality of relief materials coordination for being done well at level of panchayat functionality of responsive.</li> <li>- To do at panchayat level formation of loss survey work force.</li> <li>- To erect at panchayat level management about it functional it of water and cleanliness to be done easily and properly.</li> <li>- To flush of sources of disposal of dirty water.</li> <li>- To plan of harmonizing co-ordination with other control room</li> </ul>

		<p>of district.</p> <ul style="list-style-type: none"> <li>- To appoint relief distribution nodal officer about to be reached report timely at concerned office about and to be reached timely up to proper person government other relief or payment of cashdoll relief materials distribution.</li> <li>- To make alert all the officers under their control in taluka of Botad district taluka panchayat, health department, irrigation department, agriculture department, husbandry department.</li> <li>- To instruct to perform urgently being in contact of district response center and taluka response center.</li> <li>- To perform as per their instructions being in co-ordination of collector of district emergency response center.</li> <li>- To pay cash dll, death subsidy.</li> </ul> <p><b><u>Response :</u></b></p> <ul style="list-style-type: none"> <li>- To perform caution and communication by members of gram panchayat and people of community for instant response after disaster.</li> <li>- To open roads/ways being closed due to disaster and to construct optional roads as per need.</li> <li>- To prepare loss survey and relief distribution force by cooperation of members of panchayat.</li> <li>- To manage life living items like as drinking water, food, essential medicines and management of cleanliness in shelter and relief center constructed provisionally and manage it. - To do activities of people awareness and trauma counseling.</li> <li>- To perform re-construction and re-habilatation by cooperation of social institutions.</li> <li>- To prepared force to local voluntary servants and other responsive for diminishing to hazard of disaster.</li> <li>- To be useful to other responsive.</li> </ul>
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3	<b>Police Department</b>	<p><b>: Pre preparedness (Prevention)</b></p> <ul style="list-style-type: none"> <li>- To get made alert all police officers of Botad district for flood, cyclone and other accidental circumstances of disaster.</li> <li>- To send messages by wireless set being in contact of concerned control room.</li> <li>- To proceed for providing enough co-operation for implementation of instructions received from taluka control rooms concerning to law and order and to prioritize / to get prioritized to this matter.</li> <li>- To take all necessary measures concerning to departments.</li> <li>- To provide sufficient arrangement to officers/task force concerned for migrating to people performance.</li> <li>- To be helpful in of search-saving.</li> <li>- To equip them for performing search-saving easily after disaster to commandants of police.</li> <li>- To keep necessary modern tools for search-saving taking in to account to history of local disasters and to give training to staff for taking in use it properly.</li> <li>- To give training as such that police can respond well disasters, natural and manmade of all kind.</li> <li>- To inspect for sources of all cautions and communication being working having police department.</li> <li>- To keep in current position satellite, phone available to plice.</li> <li>- To be in co-ordination with control room of district and all officers of emergency.</li> <li>- Sensitive places of district, probable shelter places and places of accumulation of relief materials and its route of mapping.</li> <li>- To harmonize co-ordination properly for receiving instant repsonse being need of military, paramilitary and other rescue team response.</li> </ul>
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		<p><b><u>response.</u></b></p> <ul style="list-style-type: none"> <li>- To arrange sufficient protection at relief materials and at places of provisional higher officer.</li> <li>- To appoint shelter as nodal officer for round the clock in control room.</li> <li>- To start speedy performance of search-saving in affected area.</li> <li>- To arrange sufficient resources for protection.</li> <li>- To give report of save-saving and performance of migration to district control room.</li> <li>- To perform preserving traffic management and law and order at the time of disaster.</li> <li>- To watch especially on criminality hoarding and unsocial elements.</li> </ul>
4	<b>Home guard :</b>	<ul style="list-style-type: none"> <li>- To perform relief saving in emergency circumstances being in contact of district police officer and district control.</li> <li>- To be helpful delivering supply in affected areas and for migration and protection of lives and properties of people.</li> <li>- To take necessary measures to co-operate sufficiently in instructions received from district magistrate / district police officer / district control room.</li> </ul>
5	<b>Chief Officer Nagarpalika:</b>	<ul style="list-style-type: none"> <li>- To make alert being in contact of district control room to people of urban areas.</li> <li>- To inform for taking measures or of alert at the time of state of cyclone flood to people residing by building house and slum residing on banks of duct river and in area of lower level.</li> <li>- Arrange shelter places for migration in school of nagarpalika hall / wadi of society or private.</li> <li>- To inform by mike in rickshaw to people of disaster.</li> <li>- To arrange fire extinguishers instruments at the time of position about cyclone, flood and to prepare necessary teams for supply</li> </ul>

		<p>about drinking water, cleanliness performance for hygiene.</p> <ul style="list-style-type: none"> <li>- To prepare water tanker, truck, bulldozer</li> <li>- To prepare laborers</li> <li>- To place board of caution for highway users on chowky.</li> <li>- To keep up round the clock separate control room of nagarpalika.</li> <li>- To prepare for performance of management for maintaining death bodies, assigning and disposing it in case of man animal in death rate.</li> <li>- To shift fallen tree, electric poles and telephone poles in urban area.</li> <li>- To start poles being fallen to perform being in contact in so and so department.</li> </ul>
6	<b>Water supply :</b>	<p><b>Pre prepaidness.</b></p> <ul style="list-style-type: none"> <li>- To plan for speedy disposal filled in lower level areas in flood situation emerging under effects of cyclone and flood.</li> <li>- To arrange such as being available pure drinking water to people of affected areas by their help doing plan with concerned department for that to be kept ready de watering pump set.</li> <li>- To prepare teams for affected areas facing to sitaution.</li> <li>- To inspect of all sources of drinking water.</li> <li>- To cleanse / to flush duct, gutterlines for disposal of dirty water in urban areas.</li> <li>- To inspect distribution management and accumulation place and private bore, traders of drinking water.</li> <li>- To stand by arrangement of generator for that electricity supply being preserved at leel of all distribution of water supply.</li> <li>- To plan for reaching water pure cloronised in relief camps.</li> <li>- Planning of not being dirt in researchies of sources like as well,</li> </ul>

		<p>hand pump, tube well.</p> <ul style="list-style-type: none"> <li>- Planing of not being effective drinking water due to being broken gutter lines or water lines.</li> <li>- Necessary all performances and to take measures concerning to own department in contact of distrit control room and control room of their department making alert giving caution concerning to cyclone flood and heavy rain to offices holding portfolio of all irrigation plans under their jurisdiction.</li> <li>- To take on hand performance of getting water way cleansed.</li> <li>- To perform disposing immediately obstruction such as being obstruction in natural streaming of water due to canal or construction of roads.</li> <li>- To perform concerning to water logging where water being passed over cause way.</li> <li>- To inspect list of affected villages issuing water from suggested dam in flood memorandam.</li> <li>- To inspect dam and gate way of canal. canals to be got cleansed to prepare advance by inspecting roads for reaching in flood affected probable villages and roads to be reached to dam. optional roads etc and to assure areas such as being reached by rail track.</li> <li>- To remove with instant effect residents and vegetables counters in spread of river.</li> <li>- To inspect of rain gaze on all dams.</li> <li>- To plan optional arrangement of it and instrument being unstopable active of telephone, wireless set and communication on all dams.</li> <li>- To get removed being arisen obstruction by pouring garbage or if being slums in areas of nagarpalika in deposal of rainy water.</li> </ul>
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		<ul style="list-style-type: none"> <li>- To perform to get censed by assuring being continue that rain gage is affixed to other place and primary health center.</li> <li>- To update details of availability of tools of relief.</li> <li>- To plan of dam damage re-construction and contact numbers of experts of damage of dam.</li> </ul> <p><b><u>Response :</u></b></p> <ul style="list-style-type: none"> <li>- Constant observation distribution arrangement for being received fresh drinking water.</li> <li>- To deliver fresh water at places and hospitals and important offices.</li> <li>- To plan received water supply at accidental time by managers of private bore, agencies distributing drinking water and to distribute relief camps and places.</li> <li>- To handle performance about repairing being done speedily of sources of water, reservoir places or pipelines damaged due to disaster.</li> </ul> <p><b><u>Performance of restitution :</u></b></p> <ul style="list-style-type: none"> <li>- To do time to time preservation and strength of all sources of water supply consequently of it can be in use at the time of disaster.</li> <li>- To develop taking into account experience of situation derived due to incidents or disaster happened in past and to do new planning.</li> <li>- To provide training timely to all staff of water supply department and to aggrandize</li> </ul>
7	<b>Agriculture Department</b>	<p>✓ <b>Pre prepaidness.</b></p> <ul style="list-style-type: none"> <li>- To perform forming survey teams of departments being loss to agri land or crop due to cyclone, flood or heavy rain.</li> <li>- To keep available all kind of volumes of new seed.</li> <li>- To plan various programmes for awareness in farmers about</li> </ul>

		<p>epidemic being inside crop and about agricultural scientific methods and useful resources in agriculture and modern agricultural methods crop insurance, kisan card, hoarding of seed.</p> <ul style="list-style-type: none"> <li>- To map about loss of crop being in past with history of disaster.</li> <li>- To make data bank of information such as according as village, crop, irrigation, management and crop insurance.</li> <li>- To arrange of receiving rainy figures according to cluster in taluka and to igve information of probable measures to farmers at the time of disaster</li> <li>- To handle plan of subject to receiving pre report of probabilities of various disaster.</li> <li>- To prepare agricultural and to distribute modern methods and literature of propaganda-broadcasting for crop protection during various disasters.</li> <li>- To effort about improvement in matters like as irrigation method, farm pond, drip irrigation, watershed management, earth observation and seed development.</li> <li>- To enlighten to farmer about agricultural method powa in farmers taking in to account to local climate.</li> <li>- To plan about developing methods of crop and optional yielding or optional method.</li> <li>- To make alert farmers about receiving report instantly of spreading epidemic in crop.</li> <li>- To plan as such receiving at one place all kind of facilities at local level to farmers.</li> </ul> <p><b>Pre preparedness of before disaster.</b></p> <ul style="list-style-type: none"> <li>- To keep sufficient volume about receiving seed in sufficient ratio to farmers in area holding probability of natural disaster.</li> </ul>
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		<ul style="list-style-type: none"> <li>- To inspect that all rain gage station is a active or how is situated in taluka to change known faulty.</li> <li>- To take care of taking rainy figures regularly</li> </ul> <p><b><u>Function of response</u></b></p> <ul style="list-style-type: none"> <li>- To perform for being minimum loss due to natural disaster or epidemic spread in crop</li> <li>- To provide training timely to all staff of water supply department and to aggrandize.</li> <li>- To analyses necessary using of various scientific methods and to report to farmers.</li> <li>- If need be for giving seed again, to make available as much volume that can be distributed instantly.</li> <li>- If it, being loss in method of land, crop, gardening or irrigation or resources to re continue receiving its status speedily.</li> <li>- To bring in situation</li> <li>- To erect communication management of kind such as receiving speedily true report to farmers.</li> <li>- To plan in advance for receiving on second day loss survey/report.</li> </ul> <p><b><u>Function of restitution :</u></b></p> <ul style="list-style-type: none"> <li>- Planing of receiving speedily amount of crop insurance.</li> <li>- To manage useful resources for agriculture and necessary seed to farmers.</li> <li>- To plan for receiving seed in sufficient ratio at the time of flood or drought.</li> <li>- To receive report of probable risk and affected area coordinating with farmer.</li> <li>- To plan as such receiving loan speedily an easily.</li> <li>- To arrange local planning such as can be inspected by scientific method of water and land.</li> </ul>
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		<ul style="list-style-type: none"> <li>- To plan for monitoring not to spread epidemic in crop.</li> <li>- To provide training about optional agriculture method to farmers.</li> </ul>
8	<b>Health Department :</b>	<p>✓ <b>Pre prepaiddness (Preventive activities)</b></p> <p>To get a guess of pre preparedness and awareness about health up to al the talukas and to rural level district.</p> <ul style="list-style-type: none"> <li>- Mapping of such areas being spread epidemic after natural disaster.</li> <li>- Place choice for making provisional laboratory for being inspection of epidemic at local level.</li> <li>- Co-ordination with private doctor, hospital, blood bank, ambulance service, medical store manager, medical association and to update its list.</li> <li>- List of volunteers such as been competent to donate blood and planning for being list available according as blood group.</li> <li>- To plan at P.H.C. and sub center level as such receiving full information regularly of spreading epidemic after disaster.</li> <li>- To keep sufficient mobile treatment unit and its trained staff for receiving properly emergency treatment and being speedy communication management.</li> <li>- To plan for receivng properly facilities of health at probabal shelter places.</li> <li>- To distriubute preparing various materials and training, people awarness programmes.</li> <li>- To make alert by giving training of primary treatment at level of district, taluka, village and nagarpalika deligates of social and voluntary institution, social leader, volunteer, trained midwife etc and what to do after disaster during disaster ? and what not to do ? to get it understood.</li> </ul>



		<ul style="list-style-type: none"> <li>- To keep continue generator set in all P.H.C. center, sub center and health center in district and to inspect timely.</li> <li>- To keep continue position available vehicles having department for reaching instantly health oriented facilities in affected areas and to update list of available resources/vehicles having private transporter.</li> <li>- To manage such as receiving health drinking water at the time of situation being present under effect of flood and cyclone to take immediate measures of health for not spreading epidemic.</li> <li>- To arrange in affected areas by keeping available volume of enough medicines, injections, jersey side medicines, powder etc with useful medical teams and with them.</li> <li>- To planning advance such as being team ready enough facilities in hospitals, primary health center etc.</li> </ul> <p><b>Function of response</b></p> <ul style="list-style-type: none"> <li>- To make available at P.H.C. level enough volume life saving medicines.</li> <li>- To prepare team for inspecting of situation and to arrange for reaching up to affected areas for its response speedily.</li> <li>- To assure being available volume of necessary life saving medicines and trained staff in enough ratio in provisional clinic made in relief center.</li> <li>- To plan enough for identification of dead bodies and post mortum and disposal of dead bodies.</li> <li>- To arrange such as receiving timely copy of P.M. report.</li> <li>- To inspect timely drinking water.</li> </ul> <p><b>Function of restitution</b></p> <ul style="list-style-type: none"> <li>- To handle activities for preventing epidemic and proper treatment and assessment of health oriented performance being in constant co-ordination with affected people and to trauma</li> </ul>
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		<p>counsel with them.</p> <ul style="list-style-type: none"> <li>- To plan for being performance speedily for we habilitation and for mental state for injured or handicapped affected due to disaster.</li> <li>- To vaccine firmly for being not spread epidemic in more ratio.</li> <li>- To implement health oriented plans for long time.</li> </ul> <p><b>Performance of epidemic prevention</b></p> <ul style="list-style-type: none"> <li>- To inspect drinking water regularly.</li> <li>- Planning of being conversant about measures of preventing watery diseases and cleanliness of own of people.</li> <li>- Planning to be reached to community health oriented programmes.</li> <li>- To get made personal toilet / bathroom by people and sulabh sauchalaya yojana propaganda - broadcasting of that plan.</li> <li>- SPrinkling of germicide medicines and cleanliness of gutter and dirty water.</li> <li>- To prepare solid waste management system for proper planning of disposal of waste.</li> <li>- To take measures for preventing epidemic by co-ordination of private doctors and doctors of government primary health center.</li> <li>- To decide such places according as cluster during disaster that of which ensuing health oriented facilities may be available speedily and facilities of laboratory can be erected there for inspection.</li> <li>- To establish co-ordination for preparedness and prevention with government officers, district control room and control room of district, taluka, red cross medical association and social institutions.</li> <li>- To map places for erecting relief camp by preparing database of</li> </ul>
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		list of maximum affected areas for epidemic after disaster.
9	<b>Animal husbandary department :</b>	<p><b>Performance of pre preparedness</b></p> <ul style="list-style-type: none"> <li>- Planning proceeding for migration for not being casualties at the time of cyclone, flood for saving cattle stock of district.</li> <li>- To plan about arrangement of disposal of dead animal body keeping enough watch of not being spread epidemic due to animal casualties.</li> <li>- To plan in advance for performance paying assistance by preparing report of preparing survey teams on occasion of animal casualties.</li> <li>- To map of cattle managed by private trust, panjarapole, animal protection center.</li> <li>- Mapping of natural source such as receiving drinking water for animal.</li> <li>- Planning for preserving volume of fodder and drinking water for animal.</li> <li>- To keep ready details of available volumes and report of other places and depo of forest department, traders of fodder.</li> <li>- To make list of chosen necessary vehicle owner for migration of animal or affected people.</li> <li>- To plan firm vaccination in affected areas for not being spread epidemic in animal and to keep available volume of necessary medicines.</li> <li>- To be alert for insurance of animal to be handled by animal holder.</li> <li>- To arrange generator for set for preserving electricity supply in veterinary clinic.</li> <li>- To survey of numbers of animal as per village and to prepare data bank of number of animals.</li> <li>- To plan for disposal of dead animal and to train about this to</li> </ul>

		<p>local volunteers.</p> <ul style="list-style-type: none"> <li>- To plan for speedy payment of insurance and identification of animal.</li> <li>- To assign liability for disposal of dead animals to local people gram panchayat, taluka panchayat or nagarpalika for not being health oriented problem due to after disaster of dead animals.</li> </ul> <p><b>Function of response :</b></p> <ul style="list-style-type: none"> <li>- To treat to affected animals for prevention to epidemic spreading in animals and performance for protection of other animals.</li> <li>- To get reached fodder and medicines up to affected areas and to send mobile team.</li> <li>- To plan immediately about disposal of it by giving necessary certificate by identification of dead animal for not to being spread epidemic.</li> <li>- To give credential, report by erecting control room forbvreceiving instantly true report to local people.</li> <li>- To update data bank of animals being vaccinated and animals treated, injured animals, dead animals in affected area due to disaster.</li> <li>- To provide instantly and easily certificates about receiving loan speedily for purchase of new animals to animal owner.</li> <li>- To erect management center for not spreading epidemic in animal.</li> </ul>
10	<b>Civil supply department :</b>	<p>✓ <b>Pre preparedness</b></p> <ul style="list-style-type: none"> <li>- To plan as such being available at all places in situation of flood cyclone supply of essential commodities with edible oil, kerosene, grain in district.</li> <li>- To resume to supply of milk, vegetables coming in urban areas from near places and to get distributed efficiently to take</li> </ul>

		<p>measures being preserved reasonable rate.</p> <ul style="list-style-type: none"> <li>- To preserve enough volume of food, kerosene, petrol, diesel in district.</li> <li>- To arrange by co-ordinating with voluntary institutions management such as receiving food packet on shelter places to affected being migrated in district.</li> <li>- To choose such places can be made places of hoarding for accumulation of relief materials by keeping in to account to history of disaster.</li> <li>- To keep available in enough ratio natural need of life.</li> <li>- To hoard relief materials and to plan proper for distribution of it.</li> <li>- To co-ordinate with transporters for reaching relief material up to relief camp.</li> <li>- To update list of shopper of reasonable grain, APMC, various associations, social and educational institutions, persons joined with catering profession, managers of bower services, kerosene, petrol and gas agency holder.</li> <li>- To give training about packing and to make food packets to volunteers of social institution.</li> </ul> <p><b><u>Function of response :</u></b></p> <ul style="list-style-type: none"> <li>- To perform distributing instantly, relief materials as per need of affected aras.</li> <li>- To plan to be reached safely relief materials up to relief camps.</li> <li>- To get to be reached to district control room timely modern list of relief materials distribution.</li> <li>- To keep handy by preparing report properly about available volume.</li> <li>- Planning to be preserved volume of grain properly in godown of civil supply corporation.</li> </ul>
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11	<b>Road and building :</b>	<p>✓ <b>Pre preparedness :</b></p> <ul style="list-style-type: none"> <li>- To prepare list of heavy vehicle.</li> <li>- To keep handy layout map of all government buildings and to complete performance of maintenance by inspecting of these all buildings.</li> <li>- To co-ordinate with private vehicle owner and contractors for opening road and ways and to prepare inventory for necessary resources.</li> <li>- To assign and to make trained performance about this to all staff of branch.</li> <li>- To appoint nodal officer to co-ordinate with other control room of district.</li> <li>- To take necessary measures being done planning in advance for being intensive function with vehicles and instruments and materials and sign board and laborers in cases drains to be broken or gaps fallen and broken in roads or roads to be closed by falling tree or building being done necessary planning for not being closed traffic roads under control located in district and to plan and pre preparedness such as being constant report being in contact of district control room by control room regarding to report of roads of other district and optional road or for being received information to public people by sign board regarding to on or roads.</li> </ul> <p><b><u>Function of response :</u></b></p> <ul style="list-style-type: none"> <li>- To take instant measures of commencing again by placing sign board, if roads, ways, drain or bridge being closed after disaster and to commence to closed roads, ways.</li> <li>- To provide facilities bringing from one place to another place heavy vehicles or resources.</li> <li>- To publish public notice for optional route receiving location</li> </ul>
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		<p>for optional route.</p> <ul style="list-style-type: none"> <li>- To perform instantly for removing fallen trees or debris on the roads and ways.</li> <li>- To keep resources in continue position in enough ratio to all divisions and taluka offices of district.</li> <li>- To correct that all the staff perform as per disaster management plan and to do training bound.</li> </ul>
12	<p><b>PGVCL</b> <b>Department :</b></p>	<p>✓ <b>Pre preparedness</b></p> <ul style="list-style-type: none"> <li>- To keep in current position by inspecting of available all resources.</li> <li>- To update list of necessary resources at the time of disaster.</li> <li>- Is electric connection being as per rules of protection or how ? are instruments proper or how ? to inspect about that.</li> <li>- To get observed rules carefully made for it and protection of electricity instrument.</li> <li>- To plan of it being produced necessary facilities by starting.</li> </ul> <p><b><u>Response performance.</u></b></p> <ul style="list-style-type: none"> <li>-Immediate shutdown of power supply on warning or notification of disaster.</li> <li>- Visit the affected area to assess the damage.</li> <li>- To arrange for temporary power supply. Vital installations (eg)</li> <li>- To provide power supply to Collector Office, Police, Water Supply, Health, Dam Site, Radio Station, Doordarshan etc.</li> <li>- Rapid restoration of power supply disrupted due to disaster.</li> </ul>
13	<p><b>Fishery</b> <b>industry :</b></p>	<p>✓ <b>Pre preparedness:</b></p> <ul style="list-style-type: none"> <li>- To arrange for fishermen not going for fishing into sea by receiving caution about cyclone and flood given by port officer.</li> <li>- To arrange to advertise on radio through akashvani for their coming back if fishermen being gone for fishing in sea.</li> </ul>

		<ul style="list-style-type: none"> <li>- To arrange to be kept at safe place necessary instruments materials and boat keeping ready boat and swimmers team.</li> <li>- To proceed to be get to be surveyed about loss being done to fishermen.</li> <li>- To plan to inform of caution of prediction to people and fishermen and sault worker working in sault pond.</li> <li>- To keep ready list of their name and address being available mechanical boat and non mechanical boat from so and so places in district and to keep ready with name, address and contact number list of swimmers in district.</li> <li>- To do pre preparedness and planning being contact port officer and concerned mamaltdars for being sent with immergency lite on truck one policeman with boat and being sent with boat swimmers instantly receiving instructions to be sent mechanical/non mechanical boats in district and other district.</li> <li>- To register fishermen and boats</li> <li>- To make conversant as such fishermen can understand caution concerned to climate by government and receiving caution of probable disaster keeping in to account to climet in fishermen.</li> <li>- To get understood method using sources like as life jacket, hem radio or wireless in sea and to assure such resources may be taken in use by fishermen.</li> <li>- To certify inspecting its state and capacity of boat taking in use for performance of fishing in sea.</li> <li>- To get understood to fishermen to be got modernized in traditional boat taking in use and traditional methods of fishing.</li> <li>- To provide training of search-saving method to fishermen.</li> <li>- To aggrandize by distributing various kind of materials.</li> </ul>
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		<p><b><u>Response :</u></b></p> <ul style="list-style-type: none"> <li>- To plan for reaching timely caution up to fishermen residing at internal areas.</li> <li>- Proper help may be met to fishermen at the time of disaster. To keep stand by resources of or saving performance to previous prescribed location.</li> <li>- To keep ready loss survey force for receiving instant guess of loss.</li> </ul>
14	<b>Forest Department</b>	<p>✓ <b>Pre preparedness :</b></p> <ul style="list-style-type: none"> <li>- To do pre preparedness and to plan being in contact of other departments for removing instant such obstructions on such occasion being prevented to transportation being fallen trees on road due to any disaster concerning to flood, cyclone and other hazards.</li> <li>- To do pre preparedness and to plan considering carefully for safety and protection of animals and wildy animal.</li> <li>- Planning for resuming road/ways being closed due to fallen trees of road site.</li> <li>- To update contact list for being proper co-ordination with private mill owner, transporters and contractors of laborers.</li> <li>- To keep in current condition available resources heaving with department.</li> <li>- What to do to general public after disaster or during disaster and performances of forest department.</li> <li>- To promote to social forestation.</li> </ul> <p><b><u>Response :</u></b></p> <ul style="list-style-type: none"> <li>- To open instant roads fallen closed by co ordinating with road and building department receiving caution or instruction.</li> <li>- To respond instant by use of resources available heaving private</li> </ul>

		<p>transporters or saw mill owner associated with forest department.</p> <ul style="list-style-type: none"> <li>- To arrange to be send volume as per need up to affected areas as per need by grass depo.</li> </ul>
15	<b>Transportation Department :</b>	<p>✓ <b>Pre preparedness :</b></p> <ul style="list-style-type: none"> <li>- To requisite necessary vehicles and pre preparedness for migration in situation emerged under effects of cyclone, flood.</li> <li>- To get details prepared of or route receiving details of all permanent shelter places of district.</li> <li>- To update list of vehicle owners such as being in use at the time of disaster.</li> <li>- To observe policy rules about safety by vehicle owner and it, being executed, carefully that is to be corrected.</li> <li>- To distribute for being prepared concerned materials and efforts such as being aware in people about safety and policy rules of traffic.</li> <li>- To plan for taking by government vehicles as per need at the time of disaster.</li> <li>- A guess can be received instantly about loss of disaster, to prepare trained staff team to plan it.</li> <li>- To be in co-ordination with other control room of district.</li> <li>- To plan for allocation instantly proper vehicles for migration of relief materials and primary treatment and search-saving.</li> </ul> <p><b>Function of response :</b></p> <ul style="list-style-type: none"> <li>- To perform allocating vehicles as per need receiving instructions by control room of district.</li> <li>- To arrange to be sent up to proper place materials of relief camp and kerosene, diesel, petrol, gas, medicines like as life essential materials.</li> </ul>
16	<b>S.T.</b>	<ul style="list-style-type: none"> <li>- To arrange for exchange of messages in situation of cyclone,</li> </ul>

	<b>Department :</b>	<p>flood suggesting to all S.T. Depo managers of Botad district.</p> <ul style="list-style-type: none"> <li>- To administer for providing according as need S.T. buses for migration.</li> <li>- To arrange control room for receiving to public people details about closed S.T. route and to keep in control room also details of starting/closed S.T. route of other district associated with district. To do pre preparedness and planning to provide to district control room starting / closed details of S.T. route being in contact of district control room.</li> </ul>
17	<b>Port Department :</b>	<ul style="list-style-type: none"> <li>- To arrange for fishermen not going for fishing to sea to fishery department receiving caution about cyclone, flood - To arrange to advertise on radio through akashvani for their coming back if fishermen being gone for fishing in sea.</li> <li>- To arrange to be kept at safe place necessary instruments materials and boat keeping ready boat and swimmers team.</li> <li>- To proceed to be get to be surveyed about loss being done to fishermen.</li> <li>- To plan to inform of caution of prediction to people and fishermen and sault worker working in sault pond.</li> <li>- To keep ready list of their name and address being available mechanical boat and non mechanical boat from so and so places in district and to keep ready with name, address and contact number list of swimmers in district.</li> <li>- To do pre preparedness and planning being contact port officer and concerned mamaltdars for being sent with immergency lite on truck one policeman with boat and being sent with boat swimmers instantly receiving instructions to be sent mechanical/non mechanical boats in district and other.</li> </ul>
18	<b>Information Department :</b>	<p><b>Pre preparedness</b></p> <ul style="list-style-type: none"> <li>- To effort as such being conversant and aware about various</li> </ul>

		<p>natural and manmade disaster with use of print and electronic media.</p> <ul style="list-style-type: none"> <li>- Planning for establishing instantly performance of communication and caution in all affected areas.</li> <li>- To erect media briefing center for receiving true report to print and electronic media.</li> <li>- To keep in current position resources and vehicles available having department.</li> <li>- Mapping of V.I.P. visit and private camera man for documentary of performance, video shooting and other resources at the time of disaster.</li> <li>- To get photography, videography etc done for documentary of incidents of disaster.</li> <li>- to get public people to be known by preparing true details up to affected people.</li> <li>- To prepare necessary reports and to send that to control room.</li> <li>- To keep ready special team for emergent necessary performance as per instruction of control room.</li> <li>- To plan such as being broadcast caution of disaster by director doordarshan, director of aakashvani, cable operator, F.M. Radio, News Papers. Response :</li> <li>- To establish control room at proper place for reaching up to public people and true report room about report room about incident.</li> <li>- To plan as such receiving print and electronic media report of performance of relief saving and about incident at the time of certain regularly.</li> <li>- Performance for sending true report to media of people in affected areas.</li> <li>- To be watchful for not spreading rumor in private news channel</li> </ul>
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		<p>or media, to get reached to people true report.</p> <ul style="list-style-type: none"> <li>- To do documentary of all incidents index.</li> </ul>
19	<b>Education Department :</b>	<ul style="list-style-type: none"> <li>- To take all measures for avoiding loss of life stock in school by making alert to all educational institutions at the time of state of cyclone and flood.</li> <li>- To make available school buildings for shelter places.</li> <li>- To provide necessary facilities to use of current school for shelter places and in which school is decided to be shelter places if it be repairable then that is to be got repaired instantly.</li> </ul>
20	<b>District industrial Center</b>	<ul style="list-style-type: none"> <li>- To take all measures for avoidance loss of goods or life loss in small or big industries of all kind situated in district.</li> <li>- To proceed receiving help of expertise and sources from big industry house for survey and assistance about loss.</li> </ul>
21	<b>District labour officer</b>	<ul style="list-style-type: none"> <li>-To prepare list of sault workers producing sault in area of sea shore of district especially by officers of labour concerned to district.</li> <li>- To provide to collector office and additional collector and mamlatdars of concerned taluka and taluka development officer.</li> <li>- To take all measures about safety providing also details about at which place by migration which officers in which vehicle how laborers of the performance in area of seashore and to sault workers instant receiving warning alert.</li> <li>- To instruct of kind such as being in co-ordination with concerned department to them by assigning special duties to responsible officer in affected areas when need be.</li> </ul>
22	<b>Fire &amp; Emergency</b>	<p><b>Pre preparedness</b></p> <ul style="list-style-type: none"> <li>- To keep watch for observing laws and fire and safety carefully</li> </ul>

<p><b>Service and regional emergency response center</b></p>	<p>and to inspect its situation timely.</p> <ul style="list-style-type: none"> <li>- To observe constant for keeping in current position all vehicles and resources of fire brigade.</li> <li>- To map areas holding congested population and old ancientbuilding accident prone areas such industrial areas may be affected by probable disaster.</li> <li>- Masons and engineer joined in new construction may use in construction of fire proof technic to correct that.</li> <li>- Inspection of resources of extinguisher located in highrise multi storeyed buildings.</li> <li>- To give firm training about it to fire staff by mapping layout of railway station, bus station, goverment offices, multi speciality hospital like as all sensitive buildings for responding well at the time of disaster.</li> <li>- To train of usage of resources for his saving and accident, fire to people for not spreading instantly incident like fires.</li> <li>- To make conversant with resources of saving performance and programmes of awareness in wast reatio for being helpful to local people awareness and various kind of programmes Have or how in proper ratio sources of fire service before placing in implementation plan of all buildings ? to get mandatorily certificate about it by competent authority and to test it to be in constant co-ordination with state control room and health and district control room, police, PGVCL</li> </ul> <p><b>Function of respons :</b></p> <ul style="list-style-type: none"> <li>- To handle instant performance of search-saving.</li> <li>- To perform as such not being more desolation due to explosion of explosive things or risky gas leakages oily substance to be spill like as due to other reason in incident of fire accident.</li> <li>- To handle function of response as such being minimum loss to</li> </ul>
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		<p>lives and properties due to fire.</p> <ul style="list-style-type: none"> <li>- To co-operate all colleagues associated in function of disaster management.</li> <li>- To inform concerns by receiving instantly guess of loss.</li> </ul>
23	<b>Telephone Department</b>	<ul style="list-style-type: none"> <li>-To arrange for being started instant if telephone numbers of all flood control room and concerned offices may not be closed and may be closed of district in circumstances of cyclone or flood.</li> <li>- To arrange giving one team of two personnel in flood control room of collector office so that if telephone services are disrupted, telephones can be employed taking necessary measures to restitute retroactive to it.</li> </ul>
24	<b>Railway Department</b>	<ul style="list-style-type: none"> <li>- To arrange to take necessary measures for not being any accident and to stop train there so if need be so and so place at taking into account situation of caution in circumstances of cyclone and flood.</li> <li>- To make facilities available for migration to people in such situation being train is continue.</li> </ul>

# Response plan

## 1. District control cell

District control cell is located at district collector's office that is center for deciding for facing disaster especially and for integrating report and its process mostly strategic decision taking in concerned to disaster management supported report processed by integrating are taken in this control cell incident leader takes charge of district control cell and control of risky functionality is done as per chart of management of incident control cell. All persons leading leadership of task force, for unified co-ordination for process taking decision with incident control leader at district control cell position will be maintained.

## 2. Extra task force control cell

Extra task force control cell-own control cell will be assigned in such office equipped by competent person such as being efficient in communication management and in coordinating technically with control cell of district level to control cell of taluka level by functionality of person at extra task force and will be run and necessary tools will be sent to place of disaster.

## 3. Control cell of taluka level

Control cell of taluka level will be located at taluka mamaltdar's office charge will be handled of control cell liaison officer of concerned taluka concerned liaison officer will coordinate among members of force working on extra task force control cell and at the place of disaster for more information of all instructions received from extra task force control cell/district control cell and velocity of tools and materials.

## 4. Facilities at district control cell level

❖ **Facilities with those being mentioned under to district control cell will be equipped.**

- Telephone
- Fax
- Handheld radio set and based Station (Having Police Superintendent)
- Satellite Telephone
- One personal computer holding email, Internet and Website facilities.
- One copy of disaster management plan



- Sheet indicating safe joints places concerning to it other literature, materials
- Office facility holding modern infrastructure
- Vehicle

❖ **Facilities at taluka control cell level**

Facilities at taluka control cell level will be maintained

- Telephone
- Fax
- Marker board
- Copy of disaster management plan and extra task force plan
- Management of board for migration of people field water in part of areas of lower level traditionally is done.in which four places are decided
- Other literature, materials

Liability of maintenance and oberservance of things/facilities mentioned above in concerned control cell are as under

- **District controll cell** :- District collector or any person directed by his name
- **Task force control cell** :- Person taking leadership of concerned extra task force
- **Control cell at taluka level:-** Concerened taluka contact officer - (Mamalatdar)

To inspect timely facilities at own concerened control cell of staff/department mentioned above and keep its records.

**Risky communication management :**

Communication management becomes extreme important to matter for effective control of any disaster communication management, protocol accepted by disaster management team during disaster is given below.

Internal structure of any communication management due to result of disaster or its effect corrode/break in such cercumstancies, person heading of remote extra task force will correct restitution immediatly of such facility or internal structure for correcting

communication management without interference or obstruction for effective functionality of disaster management.

### **1. Telephone / Wireless :**

Telephone is provided at all control cell and adjustment is of wireless set in police administrative cell.

### **2. Optional communication management :**

Probability is being emerged state also such as all communication management facility and communication cell is stopped due to breaking internal structure occasion as such communication management corrode, use of below optional management taking in to account seriousness of position till being re instituted in a way being functional such Communication facility / internal structure will be done.

### **3. Messengers:**

Use of messages as last remedy for sending hand written message to concerned persons associated with disaster vehicle will be made available by requesting to officer heading of transportation extra task force.

### **4. Proper use of communication management facilities :**

- If proper use of communication management does not ascertain, indiscriminate position will emerge by counting each matter of urgency by each person during disaster.
- Communication should be short and simple
- Use of telephone / hotline will be used if possible for shunning aggregation of radio Contact.
- Members of all extra task force will contact through frequency allocated to them for preventing jamming channel
- Personnel using radio set should be acquainted with their tool / instrument different channels, code word, length conversation etc.

### **❖ Performance and liabilities of task force :**

Change can be brought in real formation of each task force by certified management procedure and real plans developed by main and assisting organization for each disaster. Such leading and assisting organizations once being active form of task force for completing performance according as guildelines of leader of unit or proper department and incident controller moreso, detail report of activities handled each task force following by organization

and lesson received during any disaster response function will be provided. Work plan of task force supposed for deciding important function in table mentioned below is given.

- Before disaster
- At the time of caution
- When disaster happens and
- 0-12 to 48 hrs
- 0-48 to 72 hrs
- 0-72 hrs from and work plans in period of time after disaster.

What should be done at certain stage of before disaster and after disaster by which task force certain for authority at state level and co-ordination and planning task force and personnel task force members about that instant concerned work as guideline coordination will be improved with inside of task force and among them and Botad district external authorities other task force associated with performance for deciding function personnel task force from beginning to end response of disaster in doing co-ordination of activities one as assistance co-ordinatins and planning task force can use this structure.

❖ **Aggrandization plan :**

District disaster response structure can be active on receiving caution or being incident of disaster any certain request of district collector or for kind of disaster or risk according a previous supposed certified management procedure such as being proper task force are to be made active.

❖ **Such activity :**

- For estimated disaster at district level
- Any certain incident or problem happened in district can be form of response On being active this plan, management of efforts of caution and response can be done from district control room and information center collector or incident commander for making work force active and for plans to be active will order by this order :
- Kind of need
- That subsidy / assistance being done provision of that kind of subsidy/assistant

- That time limit being need of subsidy / assistance
- Other contacts or of district for provision of subsidy / assistance
- Such other task force with which co-ordination should be done
- Available financial sources for function of task force will be mentioned

Special powers are given to incident controller during disaster made institution leading each task force, caution given to task force, at the time of using special power such as being necessary for completing targets of relief or restitution that matter to be informed to concerned authority is responsible.

❖ **At the end of accidentality :**

By siren or messages of all clear will advertise of hazard being over incident collector by exchanging thoughts with officers leaders of group of incident control unit situation is under control fully and situation has been appropriate will do such advertisement.

❖ **Training and pre experiment :**

Regular training comprising all important members and mockdrill are necessary to be done for effective implementation of this plan good understanding is developed by this matter of performance and liabilities main objects of training plan is are as under

- To get acquainted by their performance and their tool-materials to key hole staff associated with plan.
- To correct efficiency of accidentality response system/sources.
- To review of whole plan with communication management and auxiliary system So activities of improvement, change and training can be brought improvement.

❖ **Team drill :**

Such pre experiment source, planning , co-ordination and use of sources and materials are handled time to time regularly minimum once in a year by personal extra task force team by purpose of improvement such drill to be handled at how much time responsibility of it is on person taking leadership of concerned work force.

❖ **To do mockdrill on big level :**

Activity after incident of all concerned persons and mitigation, communication system, deployment, equipment, control, direction, response activity, before accidentuality.

**Planning at taluka level towards mitigation, prevention and preparedness**

Control room at taluka level is kept at mamaltdar office in which liasion officer of concerned taluka will hold control room and will perform of co-ordination between member of force working on extra task force control room and instructions received district control room list of all villages situated on sea shore or river, canal, pond, dam of all talukas are indicated list of contact numbers of each mamaltdars of taluka and taluka developepment officers are indicated.

**Nagarpalikas**

Purchase is done of tablets of clorin for clorination of water from grant allocated to 03 nagarpalikas of Botad district and mentioned for arrangement of J.C.B. machine for disposal of waste moreso cleaning work of each strom water drainage is to be mentioned for completion and cleanliness performance like as of gutter cleanliness of roads and road repairing is to be completed and system is prepared for facing any kind of disaster at the time of heavy rain to handle performance where being dug, to be filled properly of it and when at the time of all fall asleep to be filled by JCB machine is mentioned and pamphlet to be got printed for informing necessary measures about cleaning work and planning in enough ratio water germicide medicines, clorin tablets etc are done and to be mentioned to filled satisfactorily cleaning work of area and road repairing cleanliness of gutter to get cleansed all gutter lines of nagarpalika area such as being emerged question of water being to be filled in nagarpalika area and to get cleansed waste on road is mentioned volume of germicide medicines is in sufficient ratio of.

To keep available volume to be assured of it is mentioned to complete performance by handling cleanliness of canal by irrigation officer or not being filled shrubbery due to much rain of in canal is mentioned most of part area of sarkhej nagarpalika is estate area water problem is there being area holding congested population control room is to be started at the time of heavy rain planning of units of labouresrs for facing to probable disaster has been done and cleanliness of all wilderness emerged in nagarpalika area has been done planning to take on rent tractor, J.C.B.amchine against falling probable gaps innagarpalika area has been done volume of

germicide medicines and cloring have been kept ready in sufficient ratio.

## Important contact numbers

### Contact List of District Level Officers

Sr. NO	Designation	Name	Office	Mobil e	e-mail
1	Collector	Dr. jincy Roy	028492 71301	99784 05931	1.collector-Botad@ Gujarat.gov.in 2.collector.Botad@gmail.com
2	DDO	Shri Akshay Budaniya	028492 71371	99784 06493	ddo-Botad@ Gujarat.gov.in
3	SP	Shri K. F. Baloliya	028492 31400	99784 05988	sp-Botad@ Gujarat.gov.in
4	Resi.Addl.Colle ctor	Shri Pradipsih L Zankat	028492 71307	97277 58035	1.addl-collector-bot@ Gujarat.gov.in 2.collector.Botad@gmail.com
5	Dy.District Development officer	Shri V. P. Joshi	028492 71374	94095 32389	dyddoestBotad@gmail.com
6	Deputy Conservator of Forest	Shri Aayush varma	028492 71318	75749 55044	forest.bvn@gmail.com forestnormalbvn@gmail.com
7	Dy. SP	Shri mahrahi raval	028492 51416	99784 07988	sdpo-Botad-bav@ Gujarat.gov.in
8	Chief District Health officer	Dr.A.K.singh	028492 31534	70690 69596	cdho.health.Botad@gmail.com
9	Director, DRDA	Shri B A Patel	028492 71611	75678 67698	drda.Botad@gmail.com
10	DSO	Shri G K makavana	028492 71324	94264 87271	dso-collector- Botad@gmail.com
11	Medical Superintendent (Civil Hospital)	Dr.alpesh g Gangani	028492 51425	90990 64100	cdmo.health.Botad@gmail.com
12	CDMO	Dr. alpesh g Gangani	028492 31534	63596 61011	cdmo.health.Botad@gmail.com
13	DEO	shri vikramsigh Paramar	028492 53476	94284 33265	Botaddeo@gmail.com
14	DPEO	shri Bharat Vadher	028492 71387	75678 03017	dpeoBotad@gmail.com

15	General Manager,DIC	shri M. N. Makavana	028492 94290	63571 50210	gm-dic-bot@ Gujarat.gov.in kutirudhyog20@gmail.com
16	Ass.Director of Informatiion	Shri Aadity Nayak	-	90932 21393	dpo-wct-Botad@ Gujarat.gov.in
17	Port Officer , GMB	-	-	-	-
18	Chief Fire officer	shri rajubhai dhadhal	028492 52420	95121 00101	Botadfire@gmail.com
19	Executive Engineer, R&B(state)	Shri Hetsav Dholavala	-	90998 85607	eeBotad@gmail.com
20	Executive Engineer, R&B (Panchayat)	MS. Gitaben Patel	-	98253 79219	ex.btd@gmail.com
21	Executive Engineer,irrigat ion(state)	Shri J H Suvar	-	92284 08585	eepidBotad@gmail.com
22	Executive Engineer, irrigation (Panchayat)	Shri K.B.Pateliya	028492 3513	94287 69385	eepidBotad@gmail.com
23	Executive Engineer GWSSB	Shri D.M.Singhal	028492 51483	99784 06824	eewdnBotad1@gmail.com
24	Superintendent Engineer, PGVCL	Shri K.D.Ninama	028492 56002	99789 36293	sebtd.pgvcl@gebmail.com
25	Dy Director of Animal husbandry	shri R.G.Mali	-	99985 83410	dr.rameshvala@gmail.com
26	District Agriculture officer	Shri B.R, Baldaniya	284927 1346	97279 25560	dao.Botad.agri@gmail.com
27	Program officer ICDS	Shri Sharadaben Desai	028492 71388	79998 48304	poBotad0@gmail.com
28	Diretor Industrial Safety and Health	-	-	-	-
29	DC/ST Manager depot	Shri S. N. Jokhiya	028492 51420	63599 18409	dmgsrcBotad@gmail.com

30	Superintendent of Fisher	Shri P.K.Vaghela	-	96241 01234	sfBotad@gmail.com
31	Regional officer, GPCB	Dr. P. S. dave	-	94277 10988	ro-gpcb-ahmr@ Gujarat.gov.in
32	DGM/AGM BSNL	shri Rajendr dhimal	028492 51008	94299 05055	bsnl.Botad@gmail.com
33	Mamlatdar Disaster	Shri A.N.Radadiya	02849271 340	6351631 582	disas-collector-bota@ Gujarat.gov.in
34	DPO Disaster	Shri Mehul Botadara	028492 71340	96247 31931	disas-collector-bota@ Gujarat.gov.in
35	Dy. Mamlatdar Disaster	shri P. M. Udhareja (i/c)	028492 71340	97370 10534	disas-collector-bota@ Gujarat.gov.in



## Taluka Level Officials Contact List

<b>Taluk a Name</b>	<b>Designatio n</b>	<b>Officer Name (Shree)</b>	<b>Code</b>	<b>(O)</b>	<b>Mobil e</b>	<b>Police Station</b>	<b>e-mail</b>
Botad	Prant Officer Botad	Shri D.k. Majetar	0284 9	231233	98250 41243	Botad 02849- 231401, 02849- 231406	po-Botad-bav@ Gujarat.gov.in
	Mamlatdar Botad	Shri J.V. Vaishanv	0284 9	251412	78745 50833		mam-Botad@ Gujarat.gov.in
	TDO Botad	Mr. Jayrajsinh	0284 9	253744	99251 19635		tdo-Botad@ Gujarat.gov.in
	Chief Officer Botad	Shri p. g. Gauswami	0284 9	251427 251426	81603 07433		np_Botad@ yahoo.co.in
Barwal a	Prant Office	Shri sanajy v. Chaudhari	0271 1	237043	97370 49446	Barwala 02711- 237433	prantBarvala@ gmail.com
	Mamlatdar	Mr. C.R. Prajapati	0271 1	237324	75749 53240		mam-Barvala@ Gujarat.gov.in
	TDO Barvala	Mr.A. J. Rajaput	2711	237994	99798 79889		tdo-Barvala@ Gujarat.gov.in
	Chief Officer	Ms.R.G.Zala	0271 1	237128 237428	98750 91301		np_Barvala@ yahoo.co.in
Gadha da	Prant Officer Botad	Shri D.k. Majetar	0284 9	231233	98250 41243	Gadhada 02847- 253333	po-Botad-bav@ Gujarat.gov.in
	Mamlatdar	Shri charmi Raval	0284 7	253227	96245 74203		mam-gadhada@ Gujarat.gov.in
	TDO Gadhada	Shri A.A. Vala	0284 7	253385	94094 95137		tdo-gadhada@ Gujarat.gov.in
	Chief Officer	Mr. P. D. Patel	0284 7	253193	94294 06805		np_gadhada@yaho o.co.in
Ranpur	Prant Office	Shri sanajy v. Chaudhari	0271 1	237043	97370 49446	Ranpur 02711- 238233	prantBarvala@gma il.com
	Mamlatdar	Shri S. M. Patel	0271 1	238885	94285 30036		mam-ranpur@ Gujarat.gov.in
	TDO Ranpur	Shri C.C. Dave	0271 1	238635	94272 46015		tdo-ranpur@ Gujarat.gov.in

## List of Police Officers of Botad District No

**Control Room No- 02849-271503/2715027433975910 / Fax No- 02849-231405**

Sr.No	Name	Designation	Office No	Moblie No
1	Shri Gautam Parmar	Inspector General of Police, Bhavnagar Division	0278-251681	9978407872
2	Shri. Kishor Balolia	Superintendent of Police	02849-271504	9978405988
3	Shri. Prashant Patel	Personal Assistant to the Superintendent of Police	02849-271504	9998619997
4	Shri. M. N. Rawal	Divisional Police Officer Shri Botad	02849-251416	9978407988
5	Shri. A.A Saiyad	Deputy Superintendent of Police Headquarters	—	9978407987
6		Deputy Superintendent of Police SC/ST Cell	—	—
7	Shri J.B Pandit	Inspector of Police. LIB	02849- -271510	9825322101
8	Shri S.B Solanki	i/c Inspector of Police. LCB	—	
9	Shri SB Solanki	P.S.E. MOB/breakfast-moving scod charge	—	9773211752
10	Shri A.G Solanki	Inspector of Police. SOG	—	9428521143
11	Shri A.D Vyas	Police Sub Inspector LIB	—	6353951981
12	Shri. V.R Gohil	Police Sub Inspector.Reader Branch	02849-271505	8980048262
13	Shri. K.N.Patel	Police Sub Inspector District Traffic	—	9924875500
14	Shri. T.S Vaghela	Police Sub Inspector City Traffic	—	8141431938
15		Reader to Deputy Superintendent of Police SC/ST Cell	—	—
16	Shri. P.A Parmar	PSIReader to SDPO	—	9727340098
17	Shri M.D Panchal	Circle Police Inspector .Botad	02849- -251417	9638135502
18	Shri. P.R Metalia	Inspector of Police. woman	02849- -231431	9825772737
19	Shri. S.R. Kharadi	Inspector of Police. Botad	02849-251415	9824519693
20	Shri K.P Zala	Police Sub Inspector Botad	—	9228185198
21	Shri V.C. Bharavad	Police Sub Inspector.Botad	—	8200194154
22	Shri. B.D Patel	Police Sub Inspector Botad	—	9825537177
23	Shri V.L Sakaria	Police Inspector. Botad Rural	02849- -254425	7990745589

24	Shri V.R Rav	Police Sub Inspector Botad Rural	—	8980044268
25	Shri M.G.Jadeja	Police Inspector Gadhada	02837- 253333	9978888198
26	Shri. G. J. Gohil	Police Sub Inspector Gadhada	—	9427231365
27	Shri. N.P.Rathode	Inspector of Police. dhasa	02837- 233102	9909055370
28	Shri. J.B.Kandoliya	Sub Inspector of Police. Dhasa	—	7990785768
29	Shri. S.G. Saravaiya	Sub Inspector of Police. Baravala	02711 - 237433	9426989266
30	Shri K.S Desai	Probationary Vunaman Police Inspector. Ranpur	02711- 238233	7567565660
31	Shri. H. A. Vasava	Police Sub Inspector Ranpur	02711- 238233	9099526246
32	Shri. M. M. Shah	Police Sub Inspector Ranpur	—	7283839741
33	Shri M.P Jambucha	Sub Inspector of Police. Paliyad	02849- - 282633	9426977802
34	Shri N.V Vasava	Inspector of Police .Paliyad	-	8141221814
35	Shri I.G.Jadeja	I/C Reserve Police Inspector	—	9426043217
36	Shri. M.A Rathore	PSI Parole Furlough	—	9925031100
37		Sub Inspector of Police. MT	—	—
38	Shri D.D Parmar	Police Sub InspectorBDDS	—	9099675782
39	Shri. B.D Damore	Mounted branch	—	9638555946
40	Shri B.G Thakor	Police Sub Inspector QRT	—	9099051223
41	Shri X.D. jankat	Police Sub Inspector GRD	—	9723100702
42	Shri A.M Rawal	IUCAW	—	9824283223
43	Shri Y N Dabhi	Police Wireless Sub Inspector Botad	—	9909961494
44	Shri VV Pandya	Sub Inspector of Police .AHTU	—	9426961288
45	Shri T.M. Pandaya	PSI Cyber Crime Post	—	9426304864
46	I/C Shri Y.N.Dabhi	Police Wireless Sub Inspector Botad (Command Control Center)	02849- - 271631	7016567802
47	Shri Y. N. Dabhi	Police Wireless Sub Inspector Botad (Computer)	—	9909961494
48	Shri N. P. Ahir	Probationary Deputy Superintendent of Police	—	7990144952
49	Shri. SK Kambad	Probationary Police Inspector	—	9638292994
50	Shri. D.M.Gohil	Sub Inspector of Police. Bhavnagar Attach	—	9427233912
51	Shri G.D.Ahir	Police Sub Inspector Live reserve	—	9727700212

52	Shri. K. M. Tadvi	Sub Inspector of Police Live Reserve	—	9825213226
53	Mrs. N.G Parmar	Sub Inspector of Police. Live reserve	—	7801845680

<b>List of Contact Numbers of Other Officers in the District</b>			
<b>Officer's Name</b>	<b>Designation</b>	<b>Office Tel.No</b>	<b>Officer's mo</b>
Dr. Jincy Roy	Hon'ble Collector, Botad	02849-271301	9978405931
Shri. D.J. Patel	PA to Collector Shri Botad	02849-271301	9409511563
Shri Pradipsingh L. Jankat	Hon.Resident Additional Collector Shri	02849-271307	9727758035
Shri. Vanrajsih Pavara	PA to Additional Collector Mr. Botad	02849-271307	9904357124
Shri G.K. Makwana	Deputy Collector-1 (I/C)	02849-271306	9265831325
Shri G.K. Makwana	Deputy Collector-2 (I/C)	02849-271306	9265831325
Shri G.K. Makwana	Deputy Collector, Stamp Duty (I/C)	02849-271306	9265831325
Shri J.G Shroff	S. L. R. Shri, Botad	-	9974002184
Shri. A.A Malek	D.I.L.R.Shri., Botad	-	9265831325
Shri. DilipSingh C. Solanki	District Planning Officer (I/C)	02849-271336	9662029766
Shri G.K. Makwana	District Supply Officer Shri	02849-271324 02849-2713R5	9426971411
Shri. K..N. Kacha	Deputy District Election Officer Shri	02849-271314 02849-271313	8460289125
Shri R.J Kanudawala	MAM. Election. colle. Office. BOTAD	02849-271314 02849-271313	9904165165
Shri. M. T. Vanol	Mamlatdar shri -1 (I/C)	02849-271305	9979604859
Shri. M. T. Vanol	Mamlatdar shri -2 (I/C)	02849-271305	9979604859
Shri D. K. Majetar	Provincial Officer, Botad	02849-231233	7567010383
Shri. Sanjay V. Chaodhry	Provincial Officer, Barwala	02711-37043	9558288867
Shri. J.V.	Mamlatdar shri, Botad (City)	02849-251712	9377355558

Vaishnava			
Shri S.R Parmar	Mamlatdar shri Botad (Rural)	02849 251412	9924091949
Shri Carmi Raval	Mamlatdar Shri, Gadhada	02847 253227	9624574203
Shri. C.R. Prajapati	Mamlatdar Shri, Barwala	02711 237324	7574953240
Shri. S.M. Patel	Mamlatdar shri, Ranpur	02711 238477	9426999481
Shri P. G. Gauswami	Chief Officer, Botad	02849-251426	9725023901
Shri. D. B. Madhak	S. Inspector, Botad		7574870056
Shri. P.D.Patel	Chief Officer, Gadhada	02849-251427	9429406805
Shri. Y.J. Ganatra	Chief Officer, Barwala		9879556795
Shri. Mehul Botadara	DPO, Disaster colle.Office Botad	02847 253193	9624731931
Shri. K.F. Baloliya	Superintendent of Police	02711-237128	-
Shri Prashant Patel	I/C P.A.to S.P	02711-237428	-
Shri. Akshay Budania	District Development Officer	02849-271340	9978406493
Shri Anirudhbhai Khachar	P.A. To District Development Officer	02849-271341	9724792879
Shri Kaushik Parmar	Deputy District Development Officer (Panchayat/Development)	02849-231400	9664849410
Shri VP Joshi	Deputy District Development Officer, (Revenue/Department)	02849-231400	9409532389
Shri. Bhargav Patel	Director, District Village Development Agency(DRDA)	02849- 271371	9909886328
Shri. J.R.Gohil	Taluka Development Officer, Botad		9925119635
Shri A.A. Wala	Taluka Development Officer, Gadhada	02849-271374	9409495137
Shri A.J Rajput	Taluka Development Officer, Barwala (i/c)	02849-271374	9979879889
Shri. A.B Parmar	Taluka Development Officer, Ranpur	02849-27136R1	9726664929
Shri. V.D.Dudharejia	District Program Officer ICDS (i/c)	02849 253744	7999848304

Shri J.D.Pandya (i/c)	Inspector of Registration,	02847 253385	8849445920
Shri. J.D. Pandya	Sub Registrar, Botad	02711 237994	8849445920
Shri. G.K.Patel	Sub Registrar, Gadhada	02711 238635	9662447089
Shri Chiragbhai	Sub Registrar, Barwala (i/c)		9904050747
Shri Chiragbhai	Sub Registrar, Ranpur	02849-252663	9904050747
Shri. Jayaraj Singh Parmar	CT Survey Supt.Botad		9909290598
Shri Hatsav Dholawala	Executive Engineer, Roads and Buildings (State) Department Botad		9825379219
Mrs. Gitaben Patel	Executive Engineer, Roads and Buildings (Panchayat) Department Botad		9925435560
Shri. H.U.Patel	Executive Engineer, National Highways, Rajkot		7818077077
Shri G. N. Solanki	AAE, NHAI, Rajkot (Libdin)	02849-252663	9099885607
Shri. S. O Padvi	Executive Engineer Sardar Sarovar Narmada Corporation Ltd. and Saurashtra Canal Division No.3/1, Botad		9427460009
Shri G.B.Rathod	Executive Engineer Sardar Sarovar Narmada Corporation Ltd. and Saurashtra Canal Division No.3/2, Surendranagar		9909957815
Shri. J.D. Vadhela	Executive Engineer Sardar Sarovar Narmada Corporation Ltd. and Saurashtra Canal Section No.4/1, Limbd		9909957809
Shri. M. M. Chauhan	Executive Engineer Sardar Sarovar Narmada Corporation Ltd. and No.2/1, Dhadhunka		9909921824
Shri. Chou Sahib	Executive Engineer, Bhavnagar Irrigation Scheme Department (Sauni Division) Rajkot	(02849) 251446	9978873999
Shri. Divyesh Gajera	Executive Engineer, Bhavnagar Irrigation Planing Department(Sauni Division) Bhavnagar		9737228846
Shri K.B. Patella	Executive Engineer (Irrigation) Panchayat Division, District Panchayat Botad		9428769385
			9904236563

Shri. J. H. Suar	Executive Engineer, Irrigation Department (State) Botad		9228480585
Shri. U.D Hadwani	Deputy Executive Engineer Irrigation Sub-Division (Paliad-Botad)	0278-2439803	9904746530
Shri. D.B Parmar	Deputy Executive Engineer Irrigation Sub-Division (Gadhada)		7567706555
Shri. H.J. Sikotra	Deputy Executive Engineer Irrigation Sub-Division (Gadhada)	02847-23513	9913900424
Shri. D.M.Sindal	Executive Engineer (G.P.P.Board) Public Health and Works Department Botad	02849-251483 02849-251484	9978406824
Shri. Alpeshbhai Varu	Senior Manager Shri, GWIL BARVALA		9978443292
Shri K.D.Ninama	Superintending Engineer Shri P.G.V.C.L., Botad		9978936293
Shri N.N Amin	The Executive Engineer, P.G.V.C.L., Botad		9879200784
Shri H.M.Bhojani	The Executive Engineer, PGVCL, Garhda		9687662120
Shri. Ayush Varma	Deputy Conservator of Forest Shri Botad		7574955044
Shri Pradip Dholakia	Assistant Conservator of Forests, Botad	02849-256002	9624431542
Dr. A.K Singh	Chief District Health Officer, Botad CDHO		7069069596
Dr. J.S Kanoria	Additional District Health Officer ADHO(I/C)		6359661011
Dr. Alpesh G. Gangani	District Chief Medical Officer, Sonawala Hospital Botad CDMO		9099064100
Dr. Rakesh Awasthi	RMO	02849-231534	7698286989
Shri Pratipal Singh b. Gohil	District Education Officer Botad		7574812276
Shri Bharat Vader	District Primary Education Officer Botad		7567803017
	District Program Co-ordinator	02849-251425	
Shri B. R. Baldaniya	District Agricultural Officer Botad		9727925560
Shri B.R. Baldaniya	Deputy Director of Agriculture, Extension Botad	02849-253476	9727925560

Shri.. R.G Mali	Deputy Director of Animal Husbandry Botad	02849-271387	9998583410
Shri.. J.D. Wala	Deputy Director of Horticulture Botad		9979860960
Shri K.G Trivedi	District Registrar Officer	02849-0271346	9427233703
Shri M.B Prajapati (I/C)	District Employment Officer, Botad	02849-271315	9898334880
Shri Rohit Singh Parmar	District Sports Officer, Botad		8320025311
Shri Imranbhai Khan	Sr. Coach, Near Circuit House, Botad		9714755543
Shri D.B. Dehora	District Youth Development Officer Botad		9824854242
Shri. G.G Chauhan	State Revenue Officer, Botad	02849-251473	9727347037
Shri S.P Matroja	Divisional Director ST Department, Bhavnagar		6359919028
Shri Rathod	D.T.O. Gadhada ST Division		6359918415
Shri S.N Jokhia	Depot Manager, ST Depot, Botad	02849-251420	6359918409
Shri A.J. Chavda	Sine. Food Safety Officer Food and Drug Administration Botad		9904644065
Shri A.A. Radadiya	Food and Drugs Independent Assistant Commissioner Bhavnagar		9824228740
Shri. Alok Kumar	Lead Bank Manager LeadBank-Bank of Baroda	02849-252270	7567882571
Shri. M. N. Makwana	General Manager District Industries Centre, DIC BOTAD	02849- 294290	6357150210
	District Water and Sanitation Unit Vasmu)	02849-294295	9978406872
Shri. D.K.Chavda	Assistant Regional Traffic Officer, Botad	02849-255509	9737782289
Mrs. Radhikaben Vyas	Assistant Director of Information (I/C)	02849-271350	7041903366
Shri B.M. Jalondhara	Assistant Botanist, Botad	02849-	9664850059
Shri. Jambucha	Sub Divisional Engineer BSNL Office, Botad	0278 251008	9409102510
Shri. D.S. Bapls	Assistant Labor Commissioner (I/C)	(02849) 271345	9825580438
Mrs. Surabhiben A. Bhupal	Government Labor Officer, (Industry)	(02849) 271345	9909891590
Shri S.A. Bhupal	Shri Labor Officer, (Rural) (I/C)	(02849) 271319	9909891590



Shri.H.K.Makwana	District Treasury Officer Botad	02849- 271330	7990389203
Shri. V.B.Chauhan	District Examiner, District Local Fund Accounts Office, Botad	-	9033799748
Shri JK Gondlia(i/c)	Mr. Assistant Charity Commissioner, (I/C) Office of Registration of Public Trusts, Government High School Botad	(02849) 253344	9998530526
Shri Shailesh Bhalagamiya	District Town PlannerMr. District Town Planner and Land Valuation Account Bhavanagar	-	9998068332
Shri. N.S Dhangu	Deputy Director Scheduled Caste Welfare (I/C)	02849-	9904324315
Shri. S.S.Hathila	Project Officer Deputy Director Sub Caste Office Botad		9687596700
Shri J. N. Rajyaguru	District Social Welfare Officer Mr. (V.J.)	02849-271321	7990940080
Shri. K. N. Joshi	Assistant District Social Welfare Officer Mr. (V.J.)	02849-271335	9909448081
Shri J.H.Parmar	District Social Welfare Officer (Panchayat)	02849-271390	9925489118
Shri. D.K.Jadeja	District Social Welfare Officer Mr. (V.J.)	02849-271390	8460861388
Mrs. Hetal P. dave	District Women and Child Officer Mr. E. Cha	02849-271391	9537789512
	District Dowry Prohibition Officer (I/C)	02849-271391	8200288621
Shri Aditya Nayak	DIO, NIC		9093221393
Shri Hasmukhbhai	DC, DST	02849-271323	9998917070
Shri Bhartiben	District Ayurvedic Officer	02849-271632	8160230292
Dr. Prajapati	Distt.T.B.Officer	0278-2421901	7573038271
Shri D.D Lathia	Principal, ITI, Botad		8128113211
Mrs. Renu fell	Accounts Officer, District, Botad		9173996693
Shri. M.P. Chauhan	Project Manager, Shramyogi Kalyan Board		9601671088
Shri Manharsih Chudasma	District Supply Manager, G.R.N.P.N.L., Botad, Bhavnagar		8951010203
Dr. P. S. Dave	Regional Officer, Gujarat Pollution Control Board, Ahmedabad (Rural) GPCB		9427710988

Shri .B.G Dhandhalia	AATMA Project , Botad		9033750690
Shri Z.G Chauhan	Inspector of Police, A.C.B., Botad		8200392004
Shri. Jagdish Solanki	Principal, Jawahar Navodaya Vighalaya, Botad	02849-271336	9586350747
Shri Rekhaben (I/C)	Weighing Office		9265512553

**Contact Numbers of ngo Administrators contact no**

<b>Sr no.</b>	<b>Organization name</b>	<b>Name of organization contact person</b>	<b>address</b>	<b>Mobile numbe</b>
1.	Visaman bapuni jagya	Shree samantbhai d varu	Paliyad, Botad	9725104040
2.	Swaminarayan mandir gadhada	Shastri bhaktipriy dasji	gadhada	9429405000
3.	Kadva patidar chhatralay Botad	Prabhubhai bhupatbhai trasadiya	Botad	9824452022
4.	Indian redcross society	Kiashorbhai shah	Botad	9374233744
5.	Botad taluka grahak suraxa mandal	Yugvande.s	Botad	02849251953
6.	Saheli giant group Botad	Yasminiben himani	Botad	02849251907
7.	Sardar vallabhbhai patel and charitable trust Botad	Dr.vallabhbhai jivabhai patel	Botad	99998768768
8.	Jivdaya mitrmandal Botad	Panjrpolo Botad	Botad	02849252918
9.	Giant group Botad	Rtilal gajesh	Botad	9924291454
10.	Aanandji kalyanji trust Botad	Shashikant chikani	Botad	02849251417
11.	Barvala panjrpol	Dipakbhai ranpura	Barvala	9727725286
12.	Shree gopinathji dev mandir trust gadhada sn	Shree aadhyatmik swami	Swa. mandir gadhada	9998994466
13.	Gopinath kelvni mandir ghela kanthe	P shastriswami pu.bhaktipriyadasji	Swa. mandir gadhada	02847253283 9426357874,
14.	Bhal nal kantha khadi gram udhyog bhandar	Shree govind bhai dabhi	ranpur	02711238278
15.	Amrutlal sheth trust	-	ranpur	95271123827
16.	Jilla diamond association president	Shree Shankar bhai dholu	Botad	9824030656
17.	Jining association	Shree gatorbhai haripara	Botad	9898874799
18.	Giant group of Botad	Shree ratilal gajera	Botad	9924291454
19.	Bramha samaj Botad	Bharatbhai joshi	Botad	9924250381

20.	Sarvoday shikshan ane seva trust Botad	Bhatti anvarbhai nanubhai	Botad	9427448201
21.	Dalit seva mandal Botad	Chauhan rameshbhai kanjibhai	Botad	9773024560
22.	BAPS shre swaminarayan mandir	Kothari swami	gadhada	9998994466
23.	Akshar purushottam swami sanstha salangpur	Managal swami	Barvala	9725205604
24.	Shree kashtbhanjandev hanumanji mandir	Shree viveksagar swami	Barvala	8511151705
25.	Shree gadhada jivdaya jankalyan trust gadhada	Rajendrabhai b oza	gadhada	9408598965
26.	Shree swaminarayan mandir kundal dham	Shree shihetswami	Barvala	9601790017
27.	gayatri charitable trust	Narendra h dave	ranpur	9825206653
28.	Bhimnath mahadev temple	Aashutoshgiri goswami	Barvala	9825033957

**Important Contact Numbers in Case of Downed Power Poles and Disconnection Due to Falling Trees During Monsoon**

<b>1</b>	BOTAD PGVCL CONTROL ROOM	----	9426445243
<b>2</b>	Shri P.J. Maheta, Superintending Engineer, PGVCL, SE	02849-256002	9978936293
<b>3</b>	Shri jivani sahib , Executive Engineer . PGVCL Botad	02849-256002	9879200784

**Important Numbers of Forest Department**

<b>Sr. No</b>	<b>Name / Designation</b>	<b>Office Number</b>	<b>Mobile No</b>
<b>1</b>	Shri Aayush Vrama Deputy Conservator of Forest Shri	-	8160416283
<b>2</b>	Shri P.R. Dhodakiya,RFO, Botad	-	8160847155
<b>3</b>	Shri I.S. Prajapati,RFO,Gadhada	-	9426235536
<b>4</b>	Miss.C. M. Paramar, RFO,Baravala(I/c)	---	9099228277
<b>5</b>	Shri V. G. Chaudhari, RFO, Ranpur	---	8160847155

**List of bsnl telephone numbers**

<b>Sr. No</b>	<b>Name</b>	<b>Office Number</b>	<b>Mobile No</b>
<b>1</b>	Shree jambucha/s d p fons	251088/131000	9409102510
<b>2</b>	Shree jambucha /j t o	251088/231000	9409102510

**Post and Station Master Contact List**

<b>Sr. No</b>	<b>Name</b>	<b>Mobile Number</b>
<b>1</b>	Post Master	231709/9924774850
<b>2</b>	Station Master	9724097925

## **DETAILS OF CONTROL ROOMS OF DISTRICTS**

<b>S.No.</b>	<b>Name of District</b>	<b>Code No</b>	<b>Office Number</b>	<b>Fax No</b>
1.	Ahmedabad	079	27560511	27552144
2.	Amreli	02792	230735	221600
3.	Aanad	02692	243222	266193
4.	Banaskantha	02742	250627	252740
5.	Bharuch	02642	242300	251900
6.	Bhavnagar	0278	2521554/55	2437700
7.	Dahod	02673	239123	239277
8.	Dang	02631	220347	220347 / 220294
9.	Gandhinagar	079	23256639/720	23245878
10.	Jamnagar	0288	2553404	2553404
11.	Junagadh	0285	2633446/47	2633449
12.	Kheda	0268	2553356/57	2553358
13.	Kutch	02832	250923	224150
14.	Mahesana	02762	2222220/222299	222202
15.	Navsari	02637	233002	259401
16.	Panchmahal	02640	224911	224719
17.	Patan	02672	240921	242899
18.	Porbandar	02766	224830	224830
19.	Kutch	0286	2220800	2220801
20.	Rajkot	0281	2471573	2471574
21.	Sabarkantha	02772	249039	230100
22.	Surat	0261	2652132	2655757
23.	Surendranagar	02752	283400	284300
24.	Vadodara	0265	2427592	2431500
25.	Valsad	02632	243238	249335
26.	Tapi	02626	223332	221281
27.	Morbi	02822	243300	241602
28.	Botad	02849	271340/41	231304
29.	Mahi sagar	02674	250666	250655
30.	Devbhumi Dwarka	02833	232125	232102
31.	Gir-Somnath	02876	240063	243300
32.	Aravali	02772	250221	247801
33.	Chota Udaipur	02669	233022/12	233002

## State Collectors

S.No.	Name of District	Code No	Phone Number	Fax No	Mobile No
1.	Ahmedabad	079	27551681	27552144	9978406201
2.	Amreli	02792	222307	222710	9978406202
3.	Aanad	02692	242871	241575	9978406203
4.	Banaskantha	02742	257171	252740	9978406204
5.	Bharuch	02642	240600,251900	240602	9978406205
6.	Bhavnagar	0278	2428822	2427941	9978406206
7.	Dahod	02673	239001	222005	9978406207
8.	Dang	02631	220201	220294	9978406208
9.	Gandhinagar	079	23259030	23259040	9978406209
10.	Jamnagar	0288	2555869	2555899	9978406210
11.	Junagadh	0285	2650201, 2650202	2651332	9978406211
12.	Kheda	0268	2550856	2565348	9978406212
13.	Kutch	02832	250020	250430	9978406213
14.	Mahesana	02762	222200,222211	222202	9978406214
15.	Navsari	02637	244999,250556	281540	9978406215
16.	Narmada	02640	222161	222171	9978406216
17.	Panchmahal	02672	242800	242899	9978406217
18.	Patan	02766	233301	2332112	9978406218
19.	Porbandar	0286	2243800	2242527	9978406219
20.	Rajkot	0281	2473900,2479351	2453621 23479351	9978406220
21.	Sabarkantha	02772	241001, 240600	241611	9978406221
22.	Surat	0261	2471121, 2472471	2465116	9978406222
23.	Surendranagar	02752	282200	283862	9978406223
24.	Vadodara	0265	2433000	2431093	9978406224
25.	Valsad	02632	243417,253613	249335	9978406225
26.	Tapi	02626	224400,224401	221281	9978405364
27.	Morbi	02822	241701	241602	9978405932

28.	Botad	02849	231301	231302	9978405931
29.	Mahi sagar	02674	250666	250655	9978405936
30.	Devbhumi Dwarka	02833	223804	232102	9978405933
31.	Gir-Somnath	02876	240001	243300	9978405934
32.	Aravali	02772	247800	247801	9978405935
33.	Chota Udaipur	02669	232003	233002	9978405937



## State District Development Officers

S.No.	Name of District	Code No	Phone Number	Fax No	Mobile No
1.	Rajkot	0281	2477008	2479128	9978406245
2.	Ahmedabad	079	25506487	25507152	9978406226
3.	Amreli	02892	22313	222378	9978406227
4.	Aanad	02692	241110	243895	9978406228
5.	Kheda	0268	257262	2557851	9978406237
6.	Banaskantha	02742	254060	252063	9978406229
7.	Bharuch	02642	240603	240951	9978405066
8.	Bhavnagar	0278	2426810	2430295	9978406231
9.	Dahod	02673	239066	247438	9978406232
10.	Dang	02631	220254	220444	9978406233
11.	Gandhinagar	079	23222618	23223266	9978406234
12.	Jamnagar	0288	2553901	2552394	9978406235
13.	Junagadh	0285	2553901	2651222	9978406236
14.	Kutch	02832	2250080	2250355	9978406238
15.	Mahesana	02762	222301 2212302	221447	9978406239
16.	Navsari	02637	253377	253350	9978406242
17.	Panchmahal	02672	253377	253350	9978406242
18.	Patan	02766	232936	234294	9978406243
19.	Porbandar	0286	2243804	241268	9978406244
20.	Narmada	02640	224820	222085/6	9978406241
21.	Sabarkantha	02772	232350	240872	9978406246
22.	Surat	0261	2422160	2412543	9978406250
23.	Surendranagar	02752	283752	283402	9978406248
24.	Vadodara	0265	22432027	22431078	9978406249
25.	Valsad	02632	253184	248315	9978406250
26.	Tapi	02626	222141	222142	9978405263
27.	Morbi	0281	2477008	2479128	9978406245
28.	Botad	0278	2426810	2430295	9978406231
29.	Mahi sagar	02672	253377	235350	9978406242
30.	Devbhumi Dwarka	0288	2553901	2552394	9978406235
31.	Gir-Somnath	0285	2651001	2651222	9978406236
32.	Aravali	02772	242350	240872	9978406246
33.	Chota Udaipur	0265	2432027	2431036	9978406249

## State Superintendents of Police

Sr.No.	Name of District	Code No	Phone Number	Fax No	Mobile No
1.	Rajkot	0281	2477220	2476052	9978405080
2.	Ahmedabad	078	26890440 26890886	226861145	9978406342
3.	Amreli	02892	222333	222711	9978405063
4.	Aanad	02692	260027	-	9978405064
5.	Kheda	0268	2550250	2552210	9978405272
6.	Banaskantha	02742	257015	252190	9978405065
7.	Bharuch	02642	223633	223401	9978405066
8.	Bhavnagar	0278	250050	2426631	9978405067
9.	Dahod	02673	222300	222300	9978405068
10.	Dang	02631	220248	220226	9978405021
11.	Gandhinagar	078	23210901 23259141	23210906 23259142	9978405070
12.	Jamnagar	0288	2554203	2556372	9978405071
13.	Junagadh	0285	2655633	2650501	9825005250
14.	Kutch/Bhuj/ Gandhidham	02832 02836	250444 227936	250427 253440	9978405073 9978405690
15.	Mehsana	02762	222122	222125	9978405074
16.	Navsari	02637	245333	247510	9978405075
17.	Panchmahal	02672	242200	242812	9978405077
18.	Patan	02766	223555	230182	9978405078
19.	Porbandar	0286	2211222	2243015	9978405079
20.	Narmada	02640	222167	222167	9978405076
21.	Sabarkantha	02772	247333	247933	9978405081
22.	Surat	0261	2651831	2479174	9978405082
23.	Surendranagar	02752	282100	282815	9978405083
24.	Vadodara	0265	2412255	243604	9978406094
25.	Valsad	02632	254222 248053	253408	9978405085
26.	Tapi	02626	222700	220100	9427305068
27.	Morbi	02822	243471	243479	9978405975
28.	Botad	02849	231407	251464	9712415910
29.	Mahi sagar	02674	250815	250815	7874376004
30.	Devbhumi Dwarka	02833	232002	232112	9978405976
31.	Gir-Somnath	02876	222250	222110	9978405974
32.	Aravali	02772	247333	247233	9879910101
33.	Chota Udaipur	02669	233077	233077	9978405085

## Satellite Phone Number of all Districts & MCs

S.No.	DISTRICT NAME	IMEI No.	Phone Number
1.	Ahmedabad City(Mc)	353032044157861	8991115047
2.	Ahmedabad	353032044156657	8991115048
3.	Amreli	353032044158232	8991115046
4.	Anand	353032044161202	8991115043
5.	Banaskatha	353032044160212	8991115042
6.	Bharuch	353032044160295	8991115041
7.	Bhavnagar	353032044160618	8991115044
8.	Dahod	353032044160709	8991115045
9.	Dang	353032044160774	8991115036
10.	Devbhoomi Dwarka	353032044160451	8991115037
11.	Gandhinagar	353032044161319	8991115038
12.	Jamnagar	353032044158612	8991115040
13.	Junagadh	353032044161442	8991115039
14.	Kheda	353032044160196	8991115034
15.	Kachchh	353032044159958	8991115035
16.	Mehsana	353032044158828	8991115033
17.	Narmada	353032044161350	8991115032
18.	Navsari	353032044158802	8991115031
19.	Panchmahal	353032044157234	8991115030
20.	Porbandar	353032044157465	8991115029
21.	Rajkot	353032044157556	8991115026
22.	Sabarkantha	353032044157457	8991115027
23.	Surendranagar	353032044157564	8991115026
24.	Surat	353032044145353	8991115024
25.	Surat City	353032044146609	8991115025
26.	Tapi	353032044146823	8991115023
27.	Vadodara City	353032044144729	8991115022
28.	Valsad	353032044146617	8991115021
29.	Seoc	353032044044648	8991115020
30.	Ceo-Gsdma	353032044043954	8991115019
31.	Jamnagar Mc	353032044044655	8991115018
32.	Junagarh Mc	353032044043889	8991115017
33.	Rajkot Mc	353032044043608	8991115016
34.	Botad	353032041746302	8991115049
35.	Arvalli	353032040819159	8991115050
36.	Patan	353032041844156	8991115051
37.	Vadodara	353032041433604	8991115052
38.	Gir Somnath	353032041424710	8991115053
39.	Chottaudepur	353032041844461	8991115054
40.	Morbi	353032040543395	8991115055

**State Police Commissioner and DIG shri**

No	Name of City	Designation	Code No	Phone no	Mobile No
1	Gujarat	D.I.	079	23246333	9978406255
2	Ahmedabad City	D.I.G.	079	25633636	9978406271
3	Vadodara City	Commissioner of Police	0265	2431414	9978406276
4	Rajakot City	Commissioner of Police	0281	2459888	9978406076
5	Surat	Commissioner of Police	0261	2244440	9978406259
6	Ahmedabad range	D.I.G.	079	26890597	9978405089
7	Ganadhinagar Range	D.I.G.	079	23260171	9978406284
8	Vadodara Range	D.I.G.	0265	2432400	9978405299
9	Surat Range	D.I.G.	0281	2668666	9978406256
10	Rajakot Range	D.I.G.	0281	2477511	9978406293
11	Junagadha Range	D.I.G.	0285	2650401	9978406290
12	Bordar Range- Bbhuj	D.I.G.	02832	232335 232366	9978406200

**Chief Fire Officers of the Municipal Corporation**

No	Name of the Chief Fire Officer	Name of the city	Phone no.	Fax no.	Mobile No
1	Director Shri State Fire Residents' Office Gujarat State Gandhinagar,	Mu. Block no. 13, 3rd Floor, Dr. Jivraj Mehta S Bhavan, Gandhinagar, 382 010	079-23257022/23/40	E Mail-dir.sfps@gmail.com	Shri. K.K Bisnoi, 9879531101
2	Shri. JN Kathia	Ahmedabad	22148466	22148598	9033718995
3	Shri. Kedar Dastur	Gandhinagar	23254022 23257024	-	7069013708
4	Shri. Parth Brahmabhat, (i/c)	Surat	2420881 9978958591-2	-	9819615036
5	Mr. Ilesh V Kher	Vadodara	2227222	2226185	9879515966
6	Shri. Pradyumansinh Jadeja, (i/c)	Rajkot	24248115	2430061	97277 12177
7	Shri. K.K Bisnoi	Bhavnagar	2672208	-	9879531101
8	Shri. Deepakbhai Jani	Jamnagar	2620841	2651510	9624753333

**SDRF**

<b>NO</b>	<b>Group</b>	<b>Std code</b>	<b>Control no</b>	
1	S.R.P.F.GR.1, VADODRA	0265	2433401	
2	S.R.P.F.GR.2, AMEDABAD	079	22823597	
3	S.R.P.F.GR.3, MADANA	02742	283658	
4	S.R.P.F.GR.5GODHRA	02672	262859	
5	S.R.P.F.GR.7 NADIYAD	0268	256635	
6	S.R.P.F.GR.8 GONDAL	02825	220046	
7	S.R.P.F.GR.9 VADODRA	0265	2637100	
8	S.R.P.F.GR.10 VALIYA	02643	290109	7203860321
9	S.R.P.F.GR.11 VAV	02621	251147	
10	S.R.P.F.GR.12 GANDINAGAR	079	23210923	
11	S.R.P.F.GR.13 RAJKOT	9512430100		

## National and State Level Control Rooms

No	Section	Phone no.	Fax no.
1	Ministry of Home Affairs, Government of India	011-23092923	011-23093750
2	National Disaster Management Authority	011-26701728	011-26701729
3	IMD (Seismological)	011-24619943	011-24619943
4	IMD(Metrology), Ahmedabad	22865012	22865449
5	State Emergency Operation Centre, Gandhinagar	23251900	23251916/12
6	Flood Control Cell, Irrigation	23248735	23240553
7	Flood control cell, road and building	23251510	23257681
8	Control Room, Health	23253334	23253336
9	Police Control Room, Gandhinagar2	23254343	23246329
10	Control Room, Home Department, Gandhinagar2	23252957	23252075
11	Gujarat Maritime Board, Gandhinagar	23224758	23236499
12	GSRTC, Ahmedabad	25454032	25463396
13	Indian Seismology Research, Gandhinagar	66739000	66739028
14	Control Room, G.P.P. & G.V. Board, Gandhinagar	23220859	23225979
15	GPCB, Gandhinagar	23232152	23222784
16	Control Room, Fisheries	23253730	23253740

## Nodal officer of Departments of State of Gujarat

Sr. No.	Name of Dept.	Tel.	e-mail ID
1	Revenue Department	23251509(O) 23251568 (F)	<a href="mailto:cor-rev@Gujarat.gov.in">cor-rev@ Gujarat.gov.in</a>
2	Road & Buildings Department	23251815-16(O) 23252163(F)	<a href="mailto:ce-pan-rnb@Gujarat.gov.in">ce-pan-rnb@ Gujarat.gov.in</a>
3	Forests & Environment Dept.	23251051-(O) 23252656(F)	<a href="mailto:secsed@Gujarat.gov.in">secsed@ Gujarat.gov.in</a>
4	Fisheries Commissioner	23253729(O) 23253737(F)	<a href="mailto:commi-fisheries@Gujarat.gov.in">commi-fisheries@ Gujarat.gov.in</a>
5	Commissionerate of Information	23253425(O) 23259288(F)	<a href="mailto:Gujaratinformation@gmail.com">Gujaratinformation@gmail.com</a>
6	GSDMA	23259292(O) 23259275(F)	<a href="http://inforgsdma.org">inforgsdma.org</a>
7	IMD	079-22865165 079-22861413 079-22867657	<a href="mailto:met_mm@yahoo.co.in">met_mm@yahoo.co.in</a>
8	commissioner of Relief and Additional Secretary,	079-23251509 079-23251568-fax	99784 01531 <a href="mailto:cor-rev@Gujarat.gov.in">cor-rev@ Gujarat.gov.in</a>
9	Narmada Water Resources Water Supply & K Dept.	079-23251749(O)	<a href="mailto:osdipwr@gmail.com">osdipwr@gmail.com</a>
10	Police Bhavan (Communication)	(O) 23254414 (F) 23259444	<a href="mailto:igp-augnr@Gujarat.gov.in">igp-augnr@ Gujarat.gov.in</a>
11	BSNL, Gujarat	079-23249555	<a href="mailto:deextgnr@gmail.com">deextgnr@gmail.com</a>
12	Home	23250536 (O) 23211545(R)	<a href="mailto:us-lno1-home@Gujarat.gov.in">us-lno1-home@ Gujarat.gov.in</a>
13	Panchayat	079-23250458(O),	<a href="mailto:pratyuxvasaiya@gmail.com">pratyuxvasaiya@gmail.com</a>
14	Science & Technology	079-23250438 079-23257998	<a href="mailto:asit@Gujarat.gov.in">asit@ Gujarat.gov.in</a>
15	BISAG	079-23213091(F)	<a href="mailto:bisagsp8@Gujarat.gov.in">bisagsp8@ Gujarat.gov.in</a>
16	Urban Development	079-23251017(O), 079-23252309(F)	<a href="mailto:us-tp-ud@Gujarat.gov.in">us-tp-ud@ Gujarat.gov.in</a>
17	Health	23251411 (O) 23251443 (F)	<a href="mailto:us-estt-hswd@Gujarat.gov.in">us-estt-hswd@ Gujarat.gov.in</a>
18	Central Water Commission	23239509(O), 23239509(F)	<a href="mailto:eemdgnr-cwc@gov.in">eemdgnr-cwc@gov.in</a>
19	UD & UHD for Nagarpalika's	23256302(F) 23256303/01 (O)	<a href="mailto:directormuni@gmail.com">directormuni@gmail.com</a>

20	Agriculture & Co-operation	23256210(O), 23256210(F) 23256154(O)	dda-staf-agri@ Gujarat.gov.in
21	Animal Husbandary	23256181(O), 23256142(F)	jt-dir2-anml@ Gujarat.gov.in
22	Energy & Petrochemicals	23250784	se.osd.05@gmail.com
23	Office of the, Director of Food and Civil Supplies	23251175(O), 23233962(F) 23245070	dydir-sdcs@ Gujarat.gov.in
24	Port & Transport	23251485(O) 23251489(O) 23252132(F)	us-ports-ptd@ Gujarat.gov.in
25	Gujarat Maritime Board	23238346/47(O) 2324704(F) 2324705(F)	sharad.dharan@gmbports.in
26	Comm. of Transport	23251365(O) 23251366 (O), 23251362(F)	osd10trans@ Gujarat. gov.in
27	GSRTC	(O), 22822216(F)	ctcmgrtc@yahoo.co.in
28	Industries & Mines	23254771(O)	us-mines-imd@ Gujarat.gov.in
29	Gujarat Pollution Control Board, Gandhinagar	23231745(O) 23222784 (F)	bmwp3gpcb@gmail.com vig-uh-gpcb@ Gujarat.gov.in
30	Labour & Employment	23254515 (O) 23250875(F)	us1-led@ Gujarat.gov.in
31	Army	22856251(O/F),	neeraj_guptabuzz@yahoo.co.in
32	Air Force	23242700(O) 23242600(F)	-
33	Coast Guard (Base Side Field)	23243264(O) 23243284(F)	ops-nw@ indiancoastguard.nic.in
34	Doordarshan	26853174 (O) 26853854(F)	ddkahmedabad@gmail.com
35	Fire & Emergency Service AMC	22148466 (O)	mfdastur@gmail.com
36	Director General (GIDM)	23275801/804	9978406146
37	Director (F & A)	232-75811 Fax 232 75814	9978407173
38	NDRF Commanadant	(O) 02668274470 (F)02668274470 (M) 094288 26445	-



39	NDRF Second Incharge	(M) 94273 04217	-
40	NDRF Dy. Commandant	(M) 9427304214 (M)9427050984	-
41	NDRF Control Room comdt06ndrf@gmail.com	(O) 02668 274245, (F) 0266 8274470 (M) 9870006730	-
42	SEOC	(O) 23251900,23251902, 23251908 (F) 23251912/23251916	-

### Army Camp, Ahmedabad.

ÊD	Designation	PhoneqMobile No
!	Army Exchange	22856251
Z	Major,22861902	22861902 Fex no 22856251

### Army Camp Gandhinagar,

No	Designation	PhoneqMobile No
1	Army Exchange	23201507- 23201503
2	Major,	Office-23200930 -23201117 Mobile- 8155022787
3	Major,	Mobile- 9638773800

### Air Force

No	Designation	PhoneqMobile No
1	Control Room- Gandhinagar,	Office-P23242600
2	Wing Commander, Gandhinagar	Mobile -9898890715
3	Air Traffic Control Room, Ahmedabad.	Office-P22869251
4	Air Force, Delhi.	Office- 01123010231 Fex no 01123011051

## Contact numbers of Rescue Agencies

<b>Army Camp</b>			
<b>NO</b>	<b>Designation</b>	<b>Phone no</b>	<b>Fex no P</b>
1	Army Exchange	22856251	22856251
2	GSO – II (Ops.)	22856251(F-2411)	22861902
<b>R.A.F.</b>			
1	Commandant Shri,	079-22893921	
2	Control Room	079-22893921	
<b>Air Force</b>			
1	Control Room Gandhinagar	23242600	23240054
2	Wing Commander Gandhinagar	23240054	

## Airport Authority of india

<b>NO</b>	<b>Designation</b>	<b>Phone no,</b>	<b>Fax no</b>
1	Director , S.V.P.I Airport, Ahamadabad	22869211	22863561
2	Manager S.V.P.I Airport, Ahamadabad	22869266	22863561
<b>Railway Ahamadabad</b>			
1	Div. Railway Manager Shri	22204589	22204589
2	ADRM	22204590	2220458

## **List of Fire Fighters in Botad District**

<b>No,</b>	<b>Name of Municipality</b>	<b>Total Fire Fighters</b>	<b>Starting Status</b>	<b>Stopping Status</b>
1	Botad	06	02	04
2	Gadhada	2	1	1
3	Baravala	2	1	1

## Taluka wise number of villages included in the lower reaches of the dam

Sr. No.	Name of Taluka	Number of villages
1	Botad	08
2	Gadhada	20
3	Baravala	05
4	Ranpur	15

### List of villages included in the downstream of the dam

Sr. No	Name of the dam	Name of Taluka	List of villages included in the downstream of the dam
1	Sukhbhadar Dam	Botad	Nana bhadla, limboda
	Sukhbhadar Dam	Ranpur	Derdi, Devalia, Sanganpur, Dharpipla, Hansalpur, Kanara, Patna, Ranpur
2	Malgarh Irrigation Scheme	Gadhada	Rampar, Mandavadhar, Kerala, Gadhada, Adtala, Pipal, Tattana, Lakhanka, Ishwariya
3	Ghela Somnath	Gadhada	Limbali, Rampara, Kerala, Mandavdhar, Adtala, Peepal, Lakhanka, Ishwariya, Tatana
4	Ghela Itariya		
5	Goma Irrigation Scheme	Botad	Nana Piyaad, Paliyyad, Bodiya, Pipardi,
6		Ranpur	Alampar, Umralla, Ranpur
7	Bhimdad Irrigation Scheme	Gadhada	Bhimdad, Gordaka, Meghwadiya, Nintapam, Sakhapar, Surka
	Khambhada irrigation	Barawala	Bela, Kundal, Khambhra
8	Utavali (Gunda) irrigation scheme	Ranpur	Ranpur, Gunda
		Barawala	Barwala, Kundal, Bella,
9	Kaniyadsinchai Yojana	Botad	Botad, Kaniyad
		Ranpur	Ranpur, Kundli, Panvi, Alav, Khas
		Baravala	Barwala, Chachariya
10	Malpara Irrigation Scheme	Gadhada	Malpara, Ankadia
11	Kalabhar Irrigation Scheme	Gadhada	Gadhali, Rajpipla

## Number of Swimmers in Botad District

Sr.No	Name of Taluka	Number of Swimmers
1	Botad	12
2	Gadhada	07
3	Baravala	01
4	Ranpur	05

## Rainfall Figures For The last 10 Years in mm

Sr. No	Name of taluka	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	average
1	Botad	486	576	529	572	362	1158	1084	673	618	794	685
2	Gadhada	749	427	465	662	405	925	880	723	534	936	671
3	Baravala	597	391	650	832	386	1091	1463	565	745	717	744
4	Ranpur	530	362	485	949	363	752	582	531	446	422	542
	<b>Total</b>	<b>591</b>	<b>439</b>	<b>532</b>	<b>754</b>	<b>379</b>	<b>982</b>	<b>1002</b>	<b>623</b>	<b>586</b>	<b>717</b>	<b>660</b>

## Number of Shelters in Botad District

Sr.No,	Name of taluka	Number of shelters,
1	Botad	06
2	Gadhada	68
3	Baravala	02
4	Ranpur	16

## Important Websites

Sr.No	Department	Website
1	MHA	<a href="http://www.mha.nic.in">www.mha.nic.in</a>
2	NDMA	<a href="http://www.ndma.gov.in">www.ndma.gov.in</a>
3	GSDMA	<a href="http://www.gsdma.org">www.gsdma.org</a>
4	NIDM	<a href="http://www.nidm.net">www.nidm.net</a>
5	IDRN	<a href="http://idr.n.gov.in">http://idr.n.gov.in</a>
6	SDRN	<a href="http://117.239.205.164/sdrnguj/">http://117.239.205.164/sdrnguj/</a> <a href="http://10.24.36.1/sdrnguj/">http://10.24.36.1/sdrnguj/</a>
7	IMD	<a href="http://www.imd.gov.in">www.imd.gov.in</a>
8	ISR, Gujarat	<a href="http://dst.Gujarat.gov.in/isr.htm">http://dst.Gujarat.gov.in/isr.htm</a>
9	BISAG	<a href="http://www.bisag.Gujarat.gov.in">http://www.bisag.Gujarat.gov.in</a>
10	GSWAN	<a href="http://www.gswan.gov.in">http://www.gswan.gov.in</a>

## Taluka Wise Latitude Longitude

Taluko	GP	Lat	Long
Ranpur	CHARANKI	22.215136	71.8380156
Ranpur	GODHAWATA	22.216803	71.80417352
Ranpur	GUNDA	22.196584	71.79894586
Ranpur	Ranpur	22.352939	71.708393
Ranpur	UMRALA	22.300544	71.63519548
Ranpur	GADHIYA	22.34655	71.65132003
Ranpur	ALAMPUR	22.316065	71.66853965
Ranpur	BUBAVAV	22.294007	71.68367089
Ranpur	RAJPURA	22.315213	71.69710051
Ranpur	DHARPIPLA	22.380775	71.6561085
Ranpur	KERIYA RANPUR	22.382708°	71.678034°
Ranpur	SANGANPUR	22.350314	71.64142519
Ranpur	ANIYALI KASBATI	22.387292	71.70440221
Ranpur	BAGAD	22.231089	71.76133514
Ranpur	KHAS	22.234022	71.73303019
Botad	SAJELI	22.132447°	71.786161
Ranpur	ANIYALI KATHI	22.223932	71.64741057
Ranpur	ALAU	22.24184	71.69793291
Ranpur	HADMATALA	22.306174	71.74546007
Ranpur	KHOKHARNES	22.302832	71.72962855
Ranpur	KUNDLI	22.264259	71.66752602
Ranpur	MOTI VAVDI	22.278721	71.77321573
Ranpur	NANI VAVDI	22.27676	71.73502529
Ranpur	PANVI	22.255258	71.69810138
Ranpur	DEVALIYA	22.370293	71.81467156
Ranpur	BARANIYA	22.34759	71.81784499
Ranpur	BODIYA	22.334792	71.78615787
Ranpur	DEVGANA	22.301132	71.80548833
Ranpur	KINARA	22.352274	71.7299649
Ranpur	MALANPUR	22.321301	71.76574231
Ranpur	NAGNESH	22.367644	71.763698
Ranpur	JALILA	22.256426°	71.807481°
Ranpur	SUNDARIYANA	22.290901	71.82822098
Ranpur	CHANDARVA	22.265616°	71.852866°
Ranpur	VEJALKA	22.251565°	71.861392°

<b>Botad</b>			
Botad	SANKARDI	22.278083°	71.594918°
Botad	Paliyad	22.254589	71.559359
Botad	BODI	22.291265°	71.608248°
Botad	LIMBODA	22.338189°	71.590528°
Botad	PIPARDI	22.294865°	71.600434°
Botad	Bhadla	22.335705	71.555087
Botad	Turkha	22.1476029	71.53268043
Botad	Khakhoi	22.12381082	71.56633559
Botad	Rangpar	22.16261926	71.49523076
Botad	Sajeli	22.13193	71.785573
<b>Gadhada</b>			
Gadhada	CHABHADIYA	21.87880128	71.71051889
Gadhada	BODKI	21.922657°	71.594766°
Gadhada	KAMPARADI	21.88137543	71.67374675
Gadhada	RAJPIPALA-2	21.870842°	71.643905°
Gadhada	VANALI	21.910534°	71.609703°
Gadhada	DHASA (JUN)	21.78404	71.516754
Gadhada	DHASA VISHI	21.802499	71.512741
Gadhada	GUNDALA	21.881382°	71.558464°
Gadhada	MALPARA	21.853548°	71.546340°
Gadhada	PATANA	21.836337°	71.530304°
Gadhada	RALIYANA	21.923456°	71.556734°
Gadhada	INGORALA (KHALSA)	22.075223°	71.675477°
Gadhada	GORADKA	22.025459°	71.612443°
Gadhada	MEGHVADIYA	22.039773°	71.588248°
Gadhada	NINGALA	22.021173°	71.702814°
Gadhada	UGAMEDI	22.001612°	71.646570°
Gadhada	Shiyanagar	22.021948°	71.776436°
Gadhada	GADHALI PURVA	21.885368°	71.623436°
Gadhada	Dhrufaniya	22.08608347	71.53468884
Gadhada	Kerala	21.98888925	71.497124
Gadhada	Rajpipla-1	21.848112	71.650426
Gadhada	Rojmal	22.00365888	71.47651736
Gadhada	SAKHPAR MOTA	22.05434511	71.53164324
Gadhada	Mandhavadar	21.96324797	71.53665397
<b>BARVALA</b>			
BARVALA	BELA	22.17549962	71.828877
BARVALA	KHAMBHADA	22.16420947	71.80087776

BARVALA	SALANGPUR	22.15875367	71.77065268
BARVALA	CHACHARIYA	22.197072°	71.766330°
BARVALA	REFDA	22.206225°	71.744909°
BARVALA	POLARPUR	22.23995493	71.91809276
BARVALA	SHAHPUR	22.21419564	71.93474008
BARVALA	JUNA NAVADA	22.165328	71.965454
BARVALA	DHADHODAR	22.12336166	71.97046418
BARVALA	KAPADIYALI	22.12963954	71.93563267
BARVALA	KHAMIDANA	22.15942988	71.92970689
BARVALA	NAVDA	22.16328511	71.97101627
BARVALA	VADHELA	22.14674667	71.97314202
BARVALA	KUNDAL	22.16313612	71.86193836
BARVALA	RAMPURA	22.11480828	71.87917591
BARVALA	VAHIYA	22.19793249	71.8596709
BARVALA	ANKEVALIYA	22.22291208	71.95080574
BARVALA	CHOKDI	22.23381957	71.953295
BARVALA	RANPARI	22.20874504	71.87442562
BARVALA	ROJID	22.19394998	71.88775248
BARVALA	Nabhoi	22.241971	71.992618
BARVALA	Bhimnath	22.244885	71.921027

### **satellite website for storm prediction**

<http://en.allmetsat.com/images/asia.php>

[http://en.allmetsat.com/images/met5\\_cimss\\_irc.php](http://en.allmetsat.com/images/met5_cimss_irc.php)

<http://imd.gov.in/section/satmet/dynamic.qpe.htm>

<http://manati.orbit.nesdis.noaa.gov./dataimages21/cur/zooms/WMBas49.png>

<http://cimss.ssec.wisc.edu/tropic/real-time/indian/images/xxirment5n.GIF>

<http://cimss.ssec.wisc.edu/tropic/real-time/indian/images/xxwvmet5.GIF>

[http://www.imd.ernet.in/main\\_new.htm](http://www.imd.ernet.in/main_new.htm)

<http://www.sat.dundee.ac.uk/abin/geobrowse/IODC/2007/8/7/600>

<http://imkhp2.physik.uni-karlsruhe.de/~muehr/satbilder1.html#Asien>