DISTRICT DISASTER MANAGEMENT PLAN

SINDHUDURG

UPDATED Dec 2016

DISTRICT DISASTER MANAGEMENT AUTHORITY SINDHUDURG

Disaster Management Programme Govt.Of Maharashtra



Executive Summary

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

The DDMP developed involves some significant issues like Incident Command System (ICS), India Disaster Resource Network (IDRN)website, the service of National Disaster Response Force (NDRF) in disaster management .In fact ,the response mechanism ,an important part of the plan is designed with the ICS, a best model of crisis management has been included in the response part for the first time. It has been the most significant tool to the response manager to deal with the crisis within the limited period and to make optimum use of the available resources.

Details of inventory resources are given an importance in the plan so that during disaster their optimum use can be derived. The resource inventory, the IDRN is now linked with the website which is vital to cope with the crisis. It will give the detail information to any officer at the time of disaster. He can view the available resources and order them at the time of disaster. The most necessary equipments, skilled manpower and critical supplies are included in the inventory resources. During disaster, the resources from this website can be ordered without delay which will make the response time lesser. List of medical, doctors, control room of various departments, ambulances, blood banks, public health centers, and government and private hospitals have been included in this plan. This plan also provides important list of websites, related to meteorology, earthquake, flood, fire, disaster related training institutions, available materials etc.

As a whole, this is a genuine effort of district administration to develop the plan and if you have any suggestions and comments, be free to convey the same so that we can include them in the next edition. We are thankful to all the institutions and persons who have provided us the vital information in time. Also some blank space has been provided wherever possible so that any further new information can be included as and when required.

> District Collector/Chairman of DDMA Sindhudurg

December 2016

Abbreviations Used in the Document

AIR	All India Radio
BIS	Bureau of Indian Standards
BSNL	Bharat Sanchar Nigam Limited
CEO	Chief Executive Officer
CISF	Central Industrial Security Force
CRPF	Central Reserve Police Force
DCR	District Control Room
DD	Doordarshan
DDMA	District Disaster Management Authority
DDMC	District Disaster Management Committee
DDMP	District Disaster Management Plan
DHO	District Health Officer
DICT	District level Incident Command Team
DMT	Disaster Management Team
DOT	Department of Telecommunication
DOP	Diversification of Power
DRMP	District Risk Management Programme
EOC	Emergency Operation Centre
FCI	Food Corporation of India
GOI	Government of India
IAP	Incident Action Plan
ICP	Incident Command Post
ICS	Incident Command System
ICT	Incident Command Team
IDRN	India disaster Response network
IMD	Indian Meteorological Department
ITI	Industrial Training Institute
MERI	Maharashtra Engineering Research Institute
MIDC	Maharashtra Industrial Development Corporation

МРСВ	Maharashtra Pollution Control Board	
MSEDC	Maharashtra State Electricity Development Corporation	
MSRTC	Maharashtra State Road Transport Corporation	
MTDC	Maharashtra Tourism Development Corporation	
MWSSB	Maharashtra Water Supply and Sewerage Board	
NABARD	National Agricultural Bank for Rural Development	
NCC	National Cadet Corps	
NDRF	National Disaster Response Force	
NGO	Non Governmental Organization	
NIDM	National Institute of Disaster Management	
NSS	National Social Service	
РНС	Public Health Centre	
PPPP	Public Private Partnership Programme	
PWD	Public Work Department	
RCC	Reinforced Cement Concrete	
RDC	Resident Deputy Collector	
RTO	Regional Transport Officer	
SDO	Sub Divisional Officer	
SOC	Site Operations Centre	
SOP	Standard Operating Procedure	
SP	Superintendent of Police	
SRP	State Reserve Police	
ST	State Transport	
TDMP	Taluka Disaster Management Plan	
UNDP	United Nation Development Programme	
YASHADA	Yashwantrao Chavan Academy of Development	

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1. INTRODUCTION

1.1 Background

Natural Disasters are known to mankind before it evolved and will happen afterwards also. It reminds us of a meteorite that had hit the earth which eventually wiped off the entire dinosaurs, million years ago. Today, also we witness them in the form of Earthquake, Floods, Landslides, Cyclones, Wildfires, Avalanches, Cloudburst, Heat and cold waves and the tsunamis (giant tidal waves). Many countries have suffered loss of human lives and damage to property; their economic losses have been in million dollars. Thus, disasters not only kill people, but also have tremendous effect on economy. It enhances the poverty of an already poor country and makes it impoverish. In disasters, it is the poor and under privileged, who are the worst affected, they tend to lose their shelter, livelihood and become more impoverished.

1.2 Need for Disaster management

Data on disaster occurrence, its effect upon people and its cost to countries, are primary inputs to analyze the temporal and geographical trends in disaster impact. Disaster losses, provide the basis for identifying where, and to what extent, the potentially negative outcomes embedded in the concept of risk is realized. They help to understand where, and to whom, disaster risk becomes impact. They also provide the basis for risk assessment processes, a departing point for the application of disaster reduction measures. – UN ISDR

Development cannot be sustainable unless disaster mitigation is built into development process. Investments in mitigation are more cost effective than expenditure on relief and rehabilitation. Prevention and mitigation contribute to lasting improvement in safety and are essential to integrated disaster management. Disaster response alone is not sufficient as it yields only temporary results at very high cost. So emphasis must be on Disaster prevention, mitigation and preparedness, which help in achieving objectivity of vulnerability reduction.

1.3 What is a Disaster?

"A **Disaster** is a sudden, calamitous event that causes serious disruption of the functioning of a community or a society involving widespread human material economic or environmental losses and impacts which exceeds the ability of the affected community or society to cope using its own resources."

---- UN International Strategy for Disaster Reduction, (UNISDR)

A Disaster is a "Situation or event, which overwhelms local capacity, necessitating a request to national or international level for external assistance; an unforeseen and often sudden event that causes great damage, destruction and human suffering".

----- Centre for Research of Epidemiology of Disaster (CRED), Belgium

1.3.1 Hazard: is a natural physical event which has a potential to convert into a disaster, causing widespread injury or deaths and damage to public or private property or the environment.

1.3.2 Vulnerability: means inability to resist a hazard or respond when a disaster has occurred. It depends on several factors such as people's age and state of health, local environmental and sanitary conditions, as well as on the quality and state of local buildings and their location with respect to any hazards. --- UNISDR

1.3.3 Disaster Preparedness

Pre-disaster activities that are undertaken within the context of disaster risk management and are based on sound risk analysis. This includes the development/enhancement of an overall preparedness strategy, policy, institutional structure, warning and forecasting capabilities, and plans that define measures geared to helping at-risk communities safeguard their lives and assets by being alert to hazards and taking appropriate action in the face of an imminent threat or an actual disaster.

--- Office of Commissioner for Humanitarian Affairs (OCHA)

1.3.4 Disaster risk reduction (DRR), attempts to look back at the root causes of risks and vulnerabilities in a <u>society</u>, state, town or even a single household. Factors can be broad or specific, depending on the scope of risk and vulnerability assessments.

1.3.5 Natural hazard: Natural process or phenomenon that may cause loss of life, injury or other health impacts, property damage, loss of livelihoods and services, social and economic disruption, or environmental damage.

The **Natural disasters** were split into 3 specific groups:

1. **Hydro-meteorological disasters:** Floods and wave surges, storms, droughts and related disasters (extreme temperatures and forest/scrub fires), and landslides & avalanches;

- 2. Geophysical disasters: Earthquakes & tsunamis and volcanic eruptions;
- 3. Biological disasters: Epidemics and insect infestations.

1.3.6 Man made disasters

Disasters due to human activities could be unintentional, but lack of safety measures and abiding by certain safety rules and regulations, . Most of these (barring coordinated terrorist activities) are due to certain accidents.

Terrorism, Bomb blast, Wars, Riots, technology related, Accidents (Road, Ship, Air), Chemical and Nuclear, Industrial accidents etc.

1.4 Worst Disasters in the world

1. Bam earthquake, Iran, Dec 2003, magnitude 6.6 and 26,271 dead, 30,000 injured

2. South Asian tsunami, Dec 2004, magnitude 9.3 and 230,000 dead in 14 nations, 125000 injured, 45,752 missing and 1.69 million homeless

3. **Sichuan earthquake, China**, May 2008, magnitude – 7 and 8 69,195 dead, 18,392 homeless and 374,643 injured and 115 billion dollars loss

4. **Haiti earthquake**, Jan 2010, magnitude 7 and 150,000 dead, 300,000 injured and 100 million dollars loss

5. **Pakistan floods,** Jul 2010 --- 2,000 dead, 20 million affected and loss of 43 billion dollars

6. **Japan tsunami**, Mar 2011, magnitude 9 and 15,188 dead, 5,337 injured, 8,742 missing and loss of 300 billion dollars

1.5 The Indian scenario

India has been vulnerable to many disasters in the past both natural and man made. Nearly, 60% of the landmass is prone to earthquake, 8% for cyclones (east and west coast) and 68% for drought. Some of them are mentioned below along with number of people dead and the economic losses incurred.

A. Natural disasters in India

1. Latur earthquake, Sept. 1993, magnitude 6.4 and 20,000 dead and 30,000 injured

2. **Orissa super cyclone**, Oct 1999, 15,000 dead 275,000 homes destroyed and 8,119 injured and 4.9 billion dollars loss

3. **Gujarat earthquake**, Jan 2001, magnitude 7.7 and 20,000 dead and 167,000 injured and 400,000 homes destroyed and 5.5 billion dollars loss

4. South Asian Tsunami, Dec 2004, magnitude 9.3 and 12,405 dead, 5,640 missing and 647,599 homeless.

5. **Cyclone Aila**, 25 May 2009, 325 dead and 8,000 missing, one million homeless and loss of 552.6 million dollars and 7,000 infected with diarrhea due to floods

B. Man made disasters in India

- 1. Bhopal gas tragedy, Dec1984 and 3,787 dead and 558,125 affected with disabling injuries.
- 2. **Gujarat riots**, Mar 2002
- 3. Serial bomb blast, Mumbai, Mar1993
- 4. Bomb blast in suburban trains, Mumbai, Jul 2006
- 5. Terrorist attack, Mumbai, Nov 2008
- 6. Air plane accident, Mangalore, May 2010

Thus, we can notice that most of the disasters have occurred within the last two decades, and the frequency, intensity and magnitude of the disasters are ever increasing.

1.6 National disaster management (NDMA) Act, 2005

The National emergency management authority was constituted in Aug 1999, which submitted a report in 2001, to have separate department for Disaster management in India Government enacted the National disaster management act on 23rd Dec 2005, which lead to the creation of National disaster management authority (NDMA).

Nodal ministries responsible for various categories of disasters

- 1. Earthquakes and Tsunami
- 2. Floods
- 3. Cyclones
- 4. Drought
- 5. Biological Disasters
- 6. Chemical Disasters
- 7. Nuclear Disasters
- 8. Air Accidents
- 9. Railway Accidents
- 10. Terrorism, bomblast, Riots

MHA/Ministry of Earth Sciences/IMD MHA/Ministry of Water Resources/CWC MHA/Ministry of Earth Sciences/IMD Ministry of Agriculture Ministry of Health and Family Welfare Ministry of Environment & Forests Department of Atomic Energy Ministry of Civil Aviation Ministry of Railways Ministry of Home Affairs

1.7 Sindhudurg

Sindhudurg is one of the disaster prone districts in Maharashtra having 121 kms. coastal line. Occasional Cyclones (Cyclone Phyan in Nov 2009), Floods are more common especially in Malvan, Kudal, Sawant wadi, Vengurla, Dogad and Kankavli due to overflowing rivers. Land slides are frequent especially in the ghats (Amboli, Karool, Phonda), Road accidents are frequent on Mumbai Goa highway (National highway no. 17) and due to hair pin bends there are many accident spots identified and Rail accidents along the Konkan rail, mostly during the monsoon due to landslide (In Vaibhav wadi near Kharepatan tunnel in Jun 2003) and lastly due to heavy rain and wind incidents of tree falling are observed. The present Disaster Management Program which has been implementing by the Government of Maharashtra aims to minimize the risk caused by unexpected disasters in the district. The Disaster Management Program exclusively works for developing the disaster management plans, providing trainings, and strengthening the capacity of the different Disaster Management Teams (DMTs) and creating awareness among public on various disasters. As it is said that, plan development is one of the vital objectives of this project much more attention has been paid by the district administration to develop the plan so that it will be more useful to handle the disasters timely in future. Therefore, genuine efforts have been dedicated to develop the District Disaster Management Plan (DDMP).

Disaster Management has comprehensive cycle that includes preparedness, response, recovery and reduction phases. Based on this cycle, the response part is addressed with Incident Command System, (ICS) a best management tool, and linked with resource inventory connected to website India Disaster Resource Network, <u>www.idrn.gov.in</u> (IDRN). In fact, ICS and IDRN make it more effective.

Above all, this plan will be a true guide to a disaster manager at district level, since it provides all necessary information required for timely and effective response to any unexpected disaster.

Being a coastal district Sindhudurg is largely prone to cyclones and flash floods. Considering this situation, the District Disaster Management Plan (**DDMP**) has been developed and covered all relevant information related to human resources, equipments and critical supplies.

1.8 Importance of Multi-hazard Management Plan

It is apparent that this district is prone to natural disasters such as floods, cyclones, landslides etc. Also, it cannot ignore the man-made disasters. So the district plan is designed as per the present need and the major strategies to respond to any unexpected situation have also been considered.

In the multi-hazard district plan, all the disasters will be handled properly following the given response mechanism, like ICS, use of resource inventory, Standard Operating Procedures (**SOP**), keeping coordination with the line agencies and proper community based awareness activities. SOP of line departments is designed to make them alert. It highlights their role and responsibilities during, after and normal time of the disaster.

1.8.1 The main features of multi-hazard plan are: -

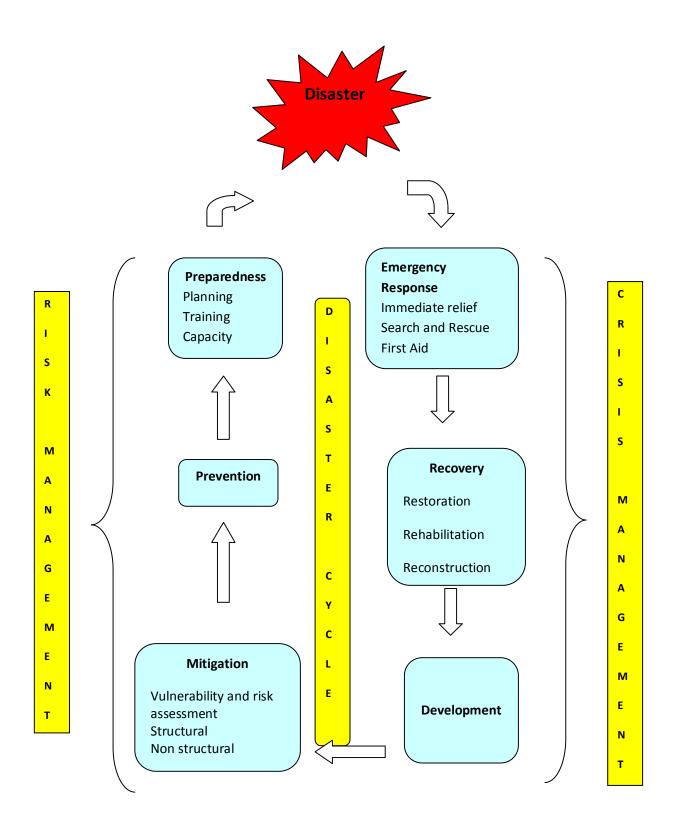
1. It gives importance to all the disasters equally and helps to mitigate the situation beforehand.

2. All the departments are assigned with their proper role and responsibilities, which are clearly indicated in the SOPs.

3. The District administration has to be alert round the year as disasters may occur any time, anywhere in the district, irrespective of time and location.

<u>1.8.2 Disaster Management Cycle</u>

In multi-hazard response plan, the disaster management cycle has a significant role to play. The four stages of disaster cycle have their own importance in terms of their implementation during, after and before the occurrence of any disaster.



1.8.2.1 Pre disaster activities

- 1. Policy development and National, State, district, local level disaster organization formation
- 2. Vulnerability and capacity assessment
- 3. Prevention and mitigation
- 4. Preparedness, planning and training

1.8.2.2 Emergency activities

- 1. Warning (beginning before the actual event)
- 2. Evacuation, search and rescue
- 3. Emergency assistance (relief) food, water, shelter, medical aid

1.8.2.3 Post disaster activities

- 1. Repair and restoration of life lines (power, telecommunications, water transportation)
- 2. Reconstruction and rehabilitation

1.8.2.4 Mitigation methods

i) Structural measures: Any physical construction to reduce or avoid possible impact of hazards, which include engineering measures and construction of hazard-resistant and protective structures and infrastructure. --- NDMA (2005)

ii) Non structural measures: Non engineered measures to reduce or avoid possible impacts of hazards such as education, training and emergency planning, capacity development, general public awareness, early warning system, hazard vulnerability risk analysis, communication mechanism etc. --- NDMA (2005)

1.9 Objectives of DDMP

- 1. To prevent loss of human life and property damage
- 2. To study, analyze and evaluate the disasters
- 3. To identify the vulnerable locations and do the vulnerability and risk analysis
- 4. To improve preparedness, prevention and mitigation at district level
- 5. To ascertain the status of existing resources and facilities available
- 6. To recommend appropriate strategies and responses to deal with future disasters

2. DISTRICT PROFILE

2.1 Location and Extent

The earlier Ratnagiri district was divided into two districts, Ratnagiri and Sindhudurg on 1st May 1981 for the industrial and agriculture development of the southern part of the Konkan division. Sindhudurg District is located at the southwest corner of Maharashtra state along with the western coast in the Konkan region. It is one of the six districts in the Konkan Division along with Ratnagiri, Raigad, Thane, Mumbai and Mumbai Suburban. It lies between latitudes 15° 40' to 16° 40' north and 73° 20' to 74° 10' east longitudes.

The district headquarter is at Oras Budruk which lies on the Mumbai Goa Highway and is well connected by bus routes to the state capital, Mumbai and other major towns in Maharashtra. The state capital of Mumbai is 550 kms to the north of this district, while Kolhapur is 160 kms to the east, Ratnagiri 192 kms to the north and Panaji, the capital of Goa is 80 kms to the south.

2.2 Area and Administrative Division

Sindhudurg district covers an area of 5207 km. For administrative convenience, it has been divided into 3 sub divisions.

Total Talukas – 8, Total Gram Panchayats – 429 No. Of Saja 236, Total No.Of Revenue Villages – 752 Urban Local Bodies – 9

Sr.No	Name of the Sub-division	Talukas
1	Sawantawadi	Sawantawadi, Vengurla and Dodamarg
2	Kudal	Kudal and Malvan
2	Kankavli	Kankavli, Deogad and Vaibhavwadi

Sr. No.	Taluka	No. of Gram Panchayat	No. of Saja	No. of revenue Villages
1	Sawantwadi	63	32	86
2	Kudal	68	36	125
3	Kankavali	63	36	105
4	Vengurla	30	26	84
5	Malvan	63	40	136
6	Deogad	72	33	98
7	Dodamarg	36	13	59
8	Vaibhavwadi	34	20	59
	Total	429	236	752

2.3 Socio Economic Features

The total geographical area of the district is 5207 km consisting of 1.69% of the total area of the state. Area wise, Sawantwadi is the largest tahsil having an area of 1343.9 sq.km. Followed by Kudal 819.5 sq.km. While Vaibhavwadi is the smallest tahsil with an area of 417.7 sq.km.

2.3.1 <u>Demographics</u>

Total population(Census 2011)	8,49,651
Total male(Census 2011)	4,17,332
Total female(Census 2011)	4,32,319
Total literacy rate(Census 2011)	85.86%
Female literacy(Census 2011)	79.81 %
Families(Household) (Census 2011)	2,09,839
Schedule Caste Population(Census 2011)	55,586
Schedule Tribe Populations(Census 2011)	6,976
Total BPL families(2002 sourse DRDA)	74,809

2.4 Major Historical and Religious Centres

Kunkeshwar Dewasthan (Deogad), Sindhudurg Fort (Malvan), Bharadi fair (Aanganyachiwadi, Malvan), Bhavai fair (Sonurli, Sawantwadi), Ghodemukh fair (Sawantwadi), Datta Mandir (Patgaon, Deogad).

2.5 <u>River Systems and Dams</u>

There are six major rivers in the district.

- 1. Vaghothan 2.Sukhnadi 3.Tillari 4.Karli 5. Gadnadi 6. Terekhol
 - 1. The Vaghothan river has a course of about 48 kms from the Shivgad pass to it's mouth which is protected by the Deogad promontory from the south.
 - 2. Gad River flows in a southwesterly course from the Sahyadris and joins the sea 3 miles north of Malvan.
 - 3. Karli river is also known as Sarambal in the upper reaches and as Karli only at its mouth.
 - 4. Terekhol in its upper reaches is known as Banda river and in the lower reaches as Terekhol.

Sn	Name of the Dam	Name of the River	Size	Status
1	Tillari	Tillari	Large	Complete
2	Talamba	Karli	Large	On-going
3	Deoghar	Deoghar	Medium	Complete
4	Nardawe	Gad	Medium	On-going
5	Sarambal	Terekhol	Medium	On-going
6	Aruna	Aruna	Medium	On-going

7	Shirshinge	Vaghotan	Small	On-going
8	Tarandale	Terekhol	Small	On-going
9	Dendonwadi	Gad	Small	On-going
10	Shivdav	Gad	Small	Complete
11	Otav	Achara	Small	On-going
12	Talere	Khandara	Small	On-going
13	Nadhavade	Vaghotan	Small	On-going
14	Nirukhe	Karli	Small	On-going

There are some other rivers such as Kalne river, Ianavali river, Kasal river, Kharepatan river, Kalaval river, Karli and Redi creek.

2.6 Industries

There are 2587 industries situated in 3 Industrial Estates viz.

- 1. M.I.D.C., Kudal
- 2. Industrial Estate, Kudal
- 3. Industrial Estate Majgaon, Tal. Sawantwadi

The main industries are Plastic Engineering, Aluminium, Cashew Processing, Oil Paints, Cement Pipes.

Details of the Industrial Estates given below

Name of the Estate	Location	No. of industries	No. of major hazardous and polluting industries	Total work force
M.I.D.C. Kudal	Kudal, Pinguli, and Nerur	213	Nil	1686
Kudal Co- operative Industries(Udyam nagar Sahakari Sanstha Kudal)	On Mumbai-Goa National Highway ,Kudal	39	Nil	240
Industrial Estate, Majgaon, Tal. Sawantwadi (Sawantwadi Sahakari Udyamnagar Ltd.)	At post Majgaon, Tal. Sawantwadi.	90	Nil	1200

2.7 Transport and Communication Network

Konkan Railway from Kharepatan to Goa passes through this district and covers 101 kms. The total length of National Highway in the district is 107.91 km whereas the State Highway and ZP road also access to the whole district. Almost all parts of the district are connected by ST bus service. Post office and telephone services are already available in each and every part of the district.

2.8 Education

Sindhudurg district has a good educational infrastructure. Its literacy rate indicates that the basic education facility is accessed to each and every corner of the district. Besides it also has medical, engineering, polytechnic, and training institutes, which help the youths here to be its beneficiaries.

Particulars	Number	Particulars	Number
Total Primary	1511	Total higher secondary schools	39
School			
Total Secondary	193	College	20
School			
Total ITI's	8	Total Engineering College	3
Total Medical	2		
Colleges			

2.9 <u>Tourism</u>

Sindhudurg District has been designed as a Tourism District and special initiatives have been proposed. The state government has undertaken the development of tourist centres as follows:-

2.9.1 Scenic Temples

1. Bharadidevi (14 km from Malvan) :

Bharadidevi is a godess of Anganewadi where she has occurred in a Self existent rock form. It is believed that when a person asks for a favor goddess fulfills it. Annual fair of this goddess is witnessed by large number of devotees.

2. Rawool Maharaj Math (3.5 km from Kudal):

A potent saint of Konkan who sacrificed himself for the welfare of the society. Later he self immolated himself at Pinguli where Math stands in his name.

3. Kunkeshwar Temple (19 km from Devgad):

The nature has bestowed beauty by placing this temple on the bank of Arabian Sea. The original Hemadpanthy architectural style temple is believed to be built by one Arabian businessman.

4. Datta Mandir (14 km from Kudal):

Birthplace of Paramhans Pariwajakacharya Vasudevanand Saraswati alias Tembyeswami who has left rich treasure of philosophy written in form of granthas.

5. Mahalaxmi Temple (18 km from Kudal):

At Narur this temple is located at the bottom of Ranganagad fort. Trekkers seek blessings of goddess Mahalaxmi before moving upwards towards Ranganagad.

6. Vetoba Temple (14 km from Vengurla):

Vetal the king of ghosts is considered as watchmen of Aravali village, which is blessed by spectacular seashore.

7. Hiranyakeshi (3 km from Amboli):

Scenic place of worship dedicated to Lord Shiva. Where pilgrims gather in large numbers during Mahashivratri. The Hiranyakeshi River originates from this place.

2.9.2 Natural Ports

1) Vengurla:

Set within the magnificent natural harbour. This sleepy little town is renowned for its historic building Dutch Wakhar (a factory) and heritage Sagar Bunglow

2) Malvan Jetty:

Is a home of fishing trawlers. A short boat ride from this jetty takes you to the Sindhudurg fort.

3) Sarjekot (4 km from Malvan):

This port is a scenic splendor on the mouth of Talashil Creek. Sarjekot received its name from Sarjekot fort constructed by Shivaji Maharaj in 1668.

4) Redi (21 km from Vengurla):

The old anchor Revati port area is the nicest spot for picnics in Sindhudurg. The historic significance of this place is Yashwantgad fort and self existent Lord Ganesha who attracts large number of devotees.

5) Devgad:

Is a natural harbour and a well-guarded port town named after Devgad fort. Marathas valiant naval commander was instrumental in erecting this elegant looking fort.

2.9.3 Historic Forts

1. Sindhudurg Fort:

On a low island and about a mile from the Malvan's_shore, this fort is said to be a pride of Maratha glory. Palm and footprints of great king also preserved here on a dried lime slab in a tower.

2. Rangnagad (20 km from Kudal):

At an altitude of 2600 ft. Ranganagad is a trekkers delight.

3. Vijaydurg (31 km from Devgad):

Pre Shivaji Maharaj period fort erected during Adilshah's regime. Shivaji Maharaj captured this fort in 1653 & restored its dignity.

2.9.4 Important Beaches

1. Tarkarli Beach (8 km from Malvan):

Considered as a queen of Sindhudurg's beaches. The miles long stretch of delighting cajurina plantations and unique rural cottages lined up in dunes impresses upon a visitor to make halt at this beach.

2. Nivati Beach (25 km from Vengurla):

Fishermen seen launching their traditional boats and nets daily into the sea is an interesting feature to watch on this beach.

3. Mochemad Beach (9 km from Vengurla):

In a settlement of fishermen this beach attracts tourists by its breathtaking scenery.

4. Shiroda Beach (19 km from Vengurla):

This Cajurina fringed beach of Velagar is a feast for the eyes of the visitors.

2.9.5 Luring Waterfalls

1. Saitavade Fall (27 km from Devgad):

Rapidly flows through the cracks of curious black rocks of Padaghar. This fall has produced scenic pool at the base. Mirror like water rushing over the rocks is a delight for photographers.

2. Napane Waterfall (16 km from Talere highway junction):

Here you can explore the secret of cascading water by reaching close to the spot from where

the water emerges from the sedimentary rocks in the form of bubbles.

3. Nangartas Fall (12 km from Amboli):

When you arrive at this fall walk cautiously at the edge of the drop off. Stand on the erected platform for viewers and let your eyes follow the sound of falling water into the cavity of the rocks.

4. Chorla Fall:

Yet another beautiful waterfall in the picturesque mountain of Sahyadri. To view this fall one has to reach Virdi a village of Dodamarg taluka situated on the Maharashtra - Karnataka border.

2.9.6 Hill Resorts

1. Dajipur (30 km from Kankavali):

The luxuriant forest of Dajipur near the backwater of Radhanagari dam is a natural habitat to large population of wild animals. Indian bison is a star attraction of this reserve.

2. Amboli (30 km from Sawantwadi):

The pristine beauty of this eco friendly hill station offers more to the visitor's then traditional summer beach holiday. Numerous viewpoints, botanical garden, flora and fauna, silence of wilderness and countless streams of milky waters in the rainy season.

2.10 Geography and Topography

A. Housing Pattern

The houses built in the district are of sloping roofs as the rain water should drain off. There are also R.C.C. buildings constructed in this area. In rural areas, mostly the houses are of mud or brick walls. There are also some pacea houses in the rural areas.

B. Landholding Pattern

Sindhudurg district is a part of the Konkan division and enjoys a coastline with the Arabian Sea. Sawantwadi, Kudal and Vaibhavwadi talukas are situated in the hilly area, which covers about 85% of the district. Predominant soil type is typically reddish laterite soil. Two types of laterite – Primary or Insitu and Secondary or Transported.

The details of land use statistics are given below.

Land Use Category	Area	Percentage to total geographical area
	In hectre	
Built up land	6,000	1.19%
Agricultural land	1,95,110	38.72%
Forest land	42,482	8.43%

Waste land	1,04,660	20.77%
Other fallow, water bodies, rivers	1,00,698	19.98%
Total	5,03,950	

C. Livelihood & Occupation Details

Most of the people here are engaged in farming and related occupations. Horticulture is the main source of earning. Most of the people are also engaged in private and governmental jobs.

D. Agriculture and Major Crops

The main kharif and rabbi crop is paddy. Most of the kharif cropping season is June to

October. Now most of the land is under horticulture use. ALPHONSO mango, known as the

king of the mangoes hails from this district. It is the major foreign exchange earner for the

district. The major cash crops are mango, cashew and coconut.

E. Climate and Weather

The climate of the district is typical of the Konkan coastal area and is hot and humid in the summers and mild in winters. The average maximum and minimum temperatures recorded are 33.2 and 15.3 degree Celsius respectively.

F. <u>Rainfall</u>

The rainfall is quite heavy during the months of June to September due to the southwest monsoon winds. The total annual rainfall for last year is 17444.90mm and average rainfall is 2180.61 mm. March, April and May are the months of water scarcity.

3. HAZARD AND VULNERABILITY ANALYSIS

This chapter largely deals with the disasters that Sindhudurg district experienced. Based on this, the vulnerability assessment of people and their income sources, infrastructure, crops, livestock resources, drinking water supply, daily necessities, communication and transportation system, public distribution, medical facilities and other elements has been done so that such elements can be safely shifted to, or to be taken care of before any unexpected disaster or during the disasters. This is the most important part of the plan. Vulnerability assessment deals with the socio-economic vulnerability, housing vulnerability and environmental vulnerability.

3.1 History of Disasters in Sindhudurg District

Sindhudurg district is situated in the coastal region and having a proximity to Arabian Sea. This district has a high amount of rainfall primarily because of the clouds of the southwest monsoon winds are blocked at the Sahyadri Mountains and so shed a lot of rain on the eastern side of the Western Ghat scarp.

This leads to very high rainfall in the foothills of the Sahyadris on the Konkan side with most of the Konkan Rivers having their origin in the runoff from the steep mountain slopes. Such a heavy rainfall causes largely flash floods, and occasionally landslides, road accidents.

Months during which maximum rainfall occurs are July & August.

Rainfall data of Last twelve years Average rainfall for twelve years- 3243.51 mm

Sr no.	Year	Annual Average Rainfall (mm)
1	2004	2678.8
2	2005	3153.2
3	2006	3045.4
4	2007	3497.50
5	2008	3129.30
6	2009	2997.23
7	2010	4204.3
8	2011	4191.45
9	2012	3122.75
10	2013	3680.45
11	2014	3041.20
12	2015	2180.61
13	2016	3610.61

In the following talukas, some villagers were temporarily shifted to safe places due to the flood situation in the year 2005 & 2009. But there was no rehabilitation.

Taluka	Village	No. of Families	No. of people	Safe Shelter for evacuated victims
Kudal	Pavshi Sheltewadi	18	82	Relatives Place
	Chendwan Maliwadi	93	229	Primary School
	Sarambal	27	93	Relatives Place
Deogad	Dhalawali	2	7	Relatives Place and Z.P. School
	Manche	2	10	Relatives Place and Z.P. School
Sawantwadi	Banda	9	10	Relatives Place and Z.P. School

Insuli	6	15	Relatives Place and Z.P. School
Sherle	14	57	Relatives Place and Z.P. School

The major calamities, which the district administration in Sindhudurg district has to face, are floods in the major rivers and road accidents on the Mumbai- Konkan - Goa Highway. Due to this, various disasters occur whose details have been given below:-

A. <u>Flood</u>

Flash floods bring about disasters. As expressed above there was a critical situation in some parts of the district during 2005-06 floods. Most of the rivers were overflowing and there was a loss of life and property. The river water entered the standing crops and the farmers suffered a huge loss. Most of the livestock also was flown away in this flood. Some people were shifted to safe shelters but there was no rehabilitation.



B. Road and Rail Accidents

There is a good network of pakka and kaccha road in the district with 582.55 km of state highway and 2416.20 km Zilla Parishad roads. About 107 km of the National Highway Mumbai-Konkan-Goa passes through this district and has considerable transport of hazardous materials which are offloaded at Marmagoa harbour in Goa and transported to Mumbai and places in Maharashtra.

The information from the police and RTO reveals that road accidents take place on this highway, which are related to tankers carrying hazardous materials. No road site settlements and villages are affected by these accidents.

Konkan railway started running in the district on 20th Jan 1997. Its network is about 103 km. in Sindhudurg district. For this project nearly 800 hectares of land was occupied. There are two tunnels one at Vaibhavwadi and the other at Kharepatan. There are six railway stations such as 1. Sawantwadi 2. Kudal 3. Sindhudurg 4. Kankavali 5. Nandgaon 6. Vaibhavwadi. It proves to be a great boon to the people here as their time and money is saved as they travel to Mumbai and other places of the country. Also the perishable goods for which Konkan is famous such as Alphonso mangoes, jackfruits, cashews, fish can be supplied to far away places.

A railway accident occurred in the year 2003 in the monsoon season near Berle, Vaibhavwadi when the 904 Karwar – Mumbai Central derailed in which 52 passengers died and many were injured. So, to cope with such disasters in the future some safety measures must be followed.

C. Landslides

Due to heavy rain some parts of the district experienced landslides along with tree collapse leading to the human loss.

Landslides largely occur in three major hill stations and make troubles in movement of vehicles on both National and State Highways. So, it is a regular event, which cannot be ignored in disaster management plan.

Locations prone to landslides in this district are :

•

Amboli Ghat on Sawantwadi-Amboli-Belgaum Road State Highway No.180. Phonda Ghat on Kankavli – Phonda – Ratnagiri – Kolhapur Road State Highway No. 178. Karul Ghat-Gagan Bavada-Kolhapur Road State Highway No. 177

ALAND LUNES

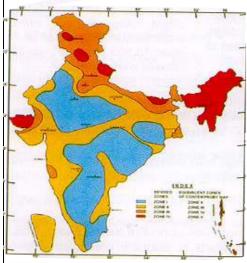


Figure showing the Seismic Zones of India. The country is divided into four seismic Zones – II, III, IV and V (Source: IS1893 (Part 1) : 2002)

D. <u>Earthquake</u>

Though Sindhudurg district has no earlier history of earthquakes still it comes under the **seismic zone III.** There was no loss in Kankavli, Sawantwadi, Malvan and Vengurla due to the Killari earthquake of 1993.

In Deogad taluka, a loss of 6 houses in the village Jambhavade took place causing loss of Rs. 600/- and in Vaibhavwadi taluka Rs. 400/- of a house in the village Kolpe in earthquake of Killari and Umarga in 1993. The proximity of the Western Ghat Fault Scarp and evidences of neo tectonic activities in the Konkan area point to the earth movements in the recent past and the possibility of an earthquake cannot be ruled out. There is no history of earthquakes in this district earlier.

3.2 <u>Vulnerability Assessment</u>

A. Flood and Cyclones

Based on the previous history, Sindhudurg district has an unexpected rainfall and flash flood followed by landslides and road accidents. This district receives high amount of rainfall during the rainy season. As a result most of the rivers get excess water and experience floods. This heavy rainfall also results in landslides in isolated areas characterized by steep slopes.

The major rivers where flood comes at least once a year are:

1. Waghotan 2. Sukhnadi 3. Tillari 4. Karli 5. Gad Nadi

Apart from flood, tidal waves may affect the villages close to the Arabian Coast during cyclone and Tsunami. Flood in 2005 affected almost the whole district by and large. The estimated loss resulted by this flood was more than 9 crores.

<u>Identified Flood Prone Villages</u> <u>Taluka – Sawantwadi</u>

Gram Panchayat	Flood Pron village/wadi	e No.of families /persons to be affected	Red Zone or Blue Zone	River / dam khadi
Insuli	Dhuriwadi	132 persons	-	Terekhol
	Bilewadi	278 persons	-	
	Kudavtemb	-	-	
Banda	Machhi Market	150 persons	-	Terekhol
	Nimajagawadi	-	-	
	Tulsanpulwadi	-	-	
Sherle	Kapaiwadi	6 families	-	Terekhol
	Dukanwadi	3 families	-	
Talawade	Joshiwadi	41 persons	-	Hodawada
	Pedanekarvadi	33 persons		
	Murarvadi	34 persons		
	Kaleredakarvadi	22 persons		
	Alikadchi Khervadi	3 persons		

	Bhutachi Vadi	5 persons		
Aaronda	Aaronda	14 families	-	Terekhol
Kinle	Kinle	10 families	-	Terekhol
Kavthani	Kavthani	-	-	Terekhol
Satarda	Varchiwadi	5	-	Terekhol
	Rayache Ped	-	-	Terekhol
Satose	Satose	-	-	Terekhol

<u> Taluka – Malvan</u>

Gram Panchayat	Flood Prone village/wadi	Families/persons to be affected	Red or blue Zone	River / dam khadi
Masure-Marde	Kava	428 persons	-	Gad-Kalawal Khadi
	Sayyad Juva	108 persons	-	Kliadi
Masure-Dang- mode	Marde-Usalatvadi	110 persons	-	Gad-Kalaval Khadi
	Marde-Tokalvadi	165 persons	-	
	Khajanvadi	110 persons	-	
Bandivade- Budruk	Malawadi	174 persons	-	Gad-Kalaval Khadi
Budruk	Shilwadi	7 persons	-	Kliadi
	Khorwadi	2 persons	-	
	Palavevadi	61 persons	-	
Malgao	Malgao	50 families		Gad Nadi
Bagayat	Bagayat			
Chinder	Aparajwadi	35 families		

<u> Taluka – Kankavali</u>

Gram Panchayat	Flood Prone village/wadi	No. of families / persons to be affected	Zone Blue	River / d khadi	am
Phonda	Phonda	12 families		Gad River	
Kalmath	Kalmath	32 families			
Varavade	Varavade	31 families			
	Fanasnagar	15 families			
Kharepatan	Bandargao, Kajirde	30 families		Suk River	

<u> Taluka – Vaibhavwadi</u>

Gram Panchayat	Flood Prone village/wadi	No.offamilies/personstoaffected	Red Zone or Blue Zone	River / dam khadi
Nadhawade	Sardarwadi	50 persons	_	Gothana

Yedgao	Inamdarvadi	100 persons		
Napane	Napane	200 persons	-	Shanti Madi
Kokisare	Ghangalevadi	50 persons		Shanti Nadi
Umbarde	Umbarde	300 persons		Sylvhandi
Kusur	Kusur	100 persons		Sukhnadi
Sonali	Sonali	200 persons		200

<u> Taluka – Deogad</u>

Gram Panchayat	Flood Prone village/wadi	No.offamilies/personstoaffected	Red Zone or Blue Zone	River / dam khadi
Dhalavali	Muslimvadi	25 families		Vijaydurg Khadi
Korle	Belanekarvadi	10 families		
	Khanvilkarvadi			
	Bhatvadi			
Malape	Muslimvadi	20 families		
Manache	Muslimvadi	30 families		

<u> Taluka – Kudal</u>

Gram Panchayat	Flood Prone village/wadi	No.offamilies/personstobe affected	Red Zone or Blue Zone	River / dam khadi
Kudal	Aambedkarnagar	81 Population		Karli River
	Kavilkate	10 persons		
	Laxmiwadi(NEAR ST DEPOT)	31 persons		
Pawashi	Shelatewadi	146 persons		
Bao	Bagwadi	31 persons		
Sarambal	Dewoolwadi	101 persons		
Chendvan	Malewadi	232 persons		

<u> Taluka – Vengurla</u>

Gram Panchayat	Flood Prone village/wadi	No.offamilies/persons to beaffected	Red Zone or Blue Zone	River / dam khadi
Hodawada	Kavdaswadi	74 persons	-	Hodawada Tulas
	Kasturbawadi	48 persons	-	

	Nhaikarwadi	61 persons	
	Bhoj Dalviwadi	16 persons	
	Harijanwadi	59 persons	
	Dewoolwadi	19 persons	
	Parabwadi	11 persons	
	Subhashwadi	33 persons	
Kelus	Ranjanwadi	14 persons	Kalavi Nadi
	Bapadatewadi	48 persons	
	Madhaliwadi	34 persons	
Kalavi	Kalavi- Taliwadi	29 persons	Kalavi Nadi
	Bokarewadi	19 persons	
	Kalavi	295 persons	
Chipi	Chipi	22 persons	Karli Khadi

Flood prone villages are not demarcated as Red zone or Blue zone but the work is in progress.

Most of the areas in the district are flood prone and therefore there is a danger to human life, livestock and property. The people living in kaccha mud houses are more vulnerable to flood. Here most of the people are engaged in agriculture therefore standing crops may be destroyed. Old people, pregnant women, disabled persons are highly vulnerable. They have to be shifted to safe shelters.

It is estimated that the above 85 villages are vulnerable to floods and cyclones. The main elements which are vulnerable are the people staying near riversides, poor people, children, old people and ailing people. The houses and the belongings of such people will be damaged. As the main occupation of the people here is agriculture, their crops will be washed away. That is they will lose their livelihood. The main infrastructures, communication system will be disturbed. Sources of drinking water will become impure. Necessary steps will have to be taken to restore the same.

<u>Tidal Wave Prone Villages / Wadis</u>				
Taluka	Gram Panchayat	Tidal Wave prone Village / Wadi		
Vengurla	Redi	Velagar		
		Kerawade		
	Vengurla	Kurlewadi		
		Navabag		
	Nivti	Kelus – Kalwibandar		
		Bhogave to Newalewadi	_	
		Kille – Nivti to Dungoba Devasthan		
		Nivti – Medha		
Malvan	Malvan	Talashi Tondavali to Waingani		
		Devbag – Mobarwadi		
		Tarkarli	_	
		Dandi Vayri		
		Dandi to Dhuriwada	_	
		Rajkot to Medha		
		Rajkot to Sarjekot		
	Achara	Waingani to Tondavali (Middle Part)		
		Pirachiwadi to Jamdool		
		Morve to Tambaldeg		
Deogad	Deogad	Taramumbari		
		Mith Mumbari	_	
		Anandwadi		
		Deogad Killa		
		Jamsande		
		Wadatar		
		Mallai		
	Vijaydurg	Kharepatan		

The villages near the three coastal talukas will suffer a lot during high tide, cyclone, storm, etc. The



fishermen living in these areas lose their livelihood. They do not get the danger warnings in time. Most of the land near the seacoast gets eroded and submerged into the sea every year.

B. <u>Road Accidents</u>

About 107 km of the National Highway Mumbai-Konkan-Goa passes through this district and has considerable transport of hazardous materials which are offloaded at Marmagoa harbour in Goa and transported to Mumbai and places in Maharashtra. State Highway No.112, 115, 116 carry goods as well as people everyday on a large

scale. Most of the accidents occur during rainy season due to slippery roads. Also the drivers do not follow the traffic signals.

The roadside houses, buildings are more likely to get affected due to the road accidents.

C. Landslides

Due to heavy rain some parts of the district experiences landslides along with tree collapse leading to human loss. The passengers have to stay where they are. Amboli Ghat on Sawantwadi – Amboli -Belgaum Road State Highway No.112 supplies daily necessities such as milk, various goods which comes to a standstill. As a whole the communication system may totally get disrupted.

There is a control room at the Collector Office, district head quarter which works round the clock. At each tahsil office control room is in operation during monsoon period i.e. from June to October. The control room of Police works round the clock.

The officers of the control room of the district administration receives the information of flood, heavy rainfall, cyclone warning, uprooting of large number of trees, electric poles, road accidents, from various parts of the district and from IMD Colaba office and transmitting them to all Tahsil offices, Collector, RDC and Dy Collectors, Port and Fisheries Department. The Irrigation Department maintains control room on all the dam sites from June to October every year.

D. Industrial and Chemical Accidents

Sindhudurg is primarily an agricultural district with industrial areas accounting less than 1% of the total area of the district. There is M.I.D.C. Estate at Kudal and two Udyamnagars at Kudal and Majgaon in Sawantwadi Taluka. The core industries are plastic engineering, aluminium utensils, cashew processing, oil paints, cement pipe manufacturing, sleepers manufacturing and pig iron factory at Redi.

Thus, Sindhudurg district is vulnerable to various hazards as mentioned above. The data of the disasters and the vulnerable population and the other elements have been discussed in this chapter.

4. INSTITUTIONAL MECHANISM

The disaster management will be more effective and sustainable if it is institutionalised. For this purpose Government of India has already passed Disaster Management Act on 23rd December, 2005, where it is clearly outlined that a Disaster Management Authority to be formed at the district level. It will be the apex body at the district level. Disaster management would involve many layers of participating organization. The three focal levels would be State, District and the site of the disaster. The State level agencies would be involved in policy/decisions making, resource and budget allocation and monitoring through the State Emergency Operations Centre.

Similarly, at district level a District Disaster Management Authority is already formed and activated to mitigate any unexpected situation in the district. There are seven members included in this authority.



The Institutional Framework for disaster management developed at the District, Taluka and Village level is as follows:-

At each level, apart from disaster management committee, each level has a disaster management plan along with the various task forces like search and rescue, first aid, early warning, shelter management, etc.

Sindhudurg district has its own district disaster management authority chaired by the district collector. Besides, the district disaster management committee is also working under district collector where all line departments are its member. The District search and rescue team consists of 36 members belonging to various departments is also set up in the district.

At taluka level every taluka in the district has a taluka disaster management committee headed by tahsildar. As said above all line departments at taluka level are its members. Also a search and rescue team as well as first aid team have been set up at every taluka.

At village level, every panchayat has a village disaster management plan as well as village disaster management committee. The VDMC chaired by sarpanch includes talathi, gramsevak, teacher, health workers, etc. of 10 - 12 persons. Also a search and rescue team as well as first aid team have been set up and trained at every village.

4.1 <u>District Disaster Management Authority (DDMA)</u>

Sr.	Designation	Position	
No.			
1	District Collector (District Disaster Manager)	Chairperson	
2	Chairperson, Z.P.	Vice Chairperson	
3	Chief Executive officer, Z.P.	Member	
4	Superintendent of Police	Member	
5	Civil Surgeon	Member	
6	Executive Engineer (PWD)	Member	
7	Executive Engineer (irrigation)	Member	
8	Additional Collector / RDC	Member Secy.	

The District Disaster Management Committee (DDMC) is an apex planning body and plays a major role in preparedness and mitigation. The district level response is co-ordinated under the guidance of the District Collector, who acts as a District Disaster Manager.

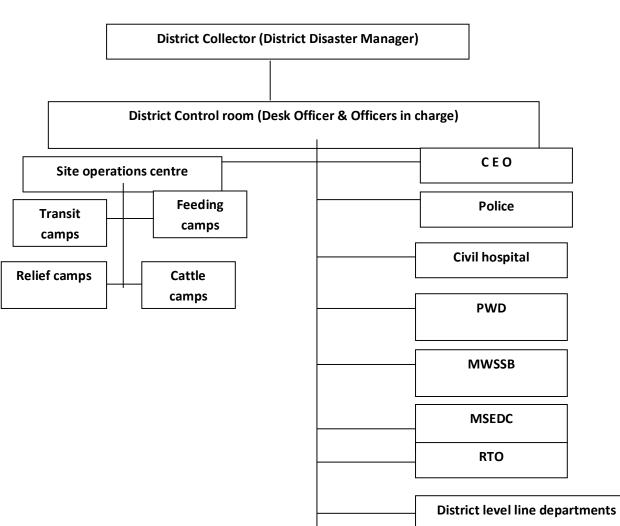
4.2 District Disaster Management Committee (DDMC)

Besides this, the Disaster Risk Management Programme also traced much to form Committees at the three levels with plans and task forces. A Disaster Management Committee exists to assist the Collector in

- Reviewing the threat of disasters
- Vulnerability of the district to such disasters
- Evaluating the preparedness
- Considering the suggestions for improvement of the response document DDMP

The Committee meets once a year under the chairmanship of the Collector and consists of the following functionaries

The Collector	Chairman
The District Superintendent of Police	Member
The Chief Executive Officer, Zilla Parishad	Member
The Additional Collector	Member
The Resident District Collector	Member-Secy
The Chief Fire Officer	Member
The District Health Officer	Member
The District Agriculture Officer	Member
The District Animal Husbandry Officer	Member
The Civil Surgeon	Member
The Executive Engineer, P.W.D.	Member
The Executive Engineer, Irrigation Department	Member
The Executive Engineer, Minor Irrigation Division	Member
The Executive Engineer, M.S.E.D.C.	Member
The Executive Engineer, MWSSB	Member
The Deputy Director of Education	Member
The Divisional Manager, Railways	Member
The Regional Transport Officer	Member
The Regional Manager, M.S.R.T.C.	Member
The District Publicity Officer	Member
The District Supply Officer	Member
The Local Station Director, A.I.R.	Member
The Local Station Director, Doordarshan	Member



Coordination Structure at District level

4.3 District Control Room

The District Control Room, under the control of the district collector, will be the nerve center. It has been set up

- To monitor
- ♦ Co-ordinate
- Implement the actions for disaster management

It works throughout the year and orders the various departments to work as per the directions during the disaster.

4.4 <u>Communication Mechanism</u>

On the basis of reports from the possible disaster site, or on the warning from the agencies competent to issue such a warning, or on the receipt of warning or alert from Emergency Operations Center, the Collector will exercise the powers and responsibilities of the District Disaster Manager.

Disaster	Agencies
Earthquakes	IMD, MERI
Floods	Meteorology Department, Irrigation
	Department
Cyclones	IMD
Epidemics	Public Health Department
Road accidents	Police
Industrial and Chemical Accidents	Industry, Police
Fires	Fire Brigade, Police

The list of the agencies competent for issuing warning or alert is given below :

The warning or occurrence of disaster will be communicated to

- Chief Secretary, Relief Commissioner, Emergency Operation Center
- Office of Divisional Commissioner
- All district level officials, Municipal Councils
- The Officials of central government located within the district
- Non-officials viz; Guardian Minister of the district, Mayor, ZP President, MPs, Local units of the Defense Services.

The occurrence of the disaster would essentially bring into force the following :

- The District Collector will activate the District Control Room as the District Disaster Manager.
- The DCR will be expanded to include desk arrangements with the responsibilities for specific tasks.
- All district level staff from various departments will be under the direction and control of the District Disaster Manager. These would also include the district level staff of Zilla Parishad
- Municipal Authorities
- ♦ MSEDC
- ♦ MWSSB
- ♦ PWD
- ♦ MSRTC

- ♦ Irrigation
- District Industrial Center
- Telecommunications
- Leave of all the officers and the staff working with the above organizations, as requisitioned by the District Disaster Manager, would automatically stand cancelled and the organizations would direct their staff to report on duty immediately.
- The Relief Commissioner is the controlling authority in respect of Grants under "2245-Relief on account of Natural Calamities and also Loans and Advances". He shall, therefore, ensure that adequate grants are placed at the disposal of the Collector under these budget head and that implementation of relief and rehabilitation measures is not hampered on account of paucity of funds or otherwise.
- The District Disaster Manager may in case of large-scale disasters get in touch with the local Defence units for assistance for rescue, evacuation and emergency relief measures.
- The District Disaster Manager will have the authority to requisite resources, materials and equipments from the private sector.
- The District Disaster Manager will have the power to direct the industry to activate their on-site or off-site disaster management plan.
- The District Disaster Manager will set-up Site Operation Center/s in the affected area with the desk arrangements.
- The District Disaster Manager will authorize establishment of transit and /or relief camps, feeding centers and cattle camps.
- An on-going wireless communication and contact from the DCR to the Site Operation Centers, Transit Camps, Feeding Centers, Relief Camps and Cattle Camps will be activated.
- The District Disaster Manager will send the Preliminary Information Report and Action Taken Report, as per the available information, to the Chief Secretary/Relief Commissioner/Emergency Operation Center and the Divisional Commissioner.
- The District Disaster Manager will authorize immediate evacuation whenever necessary.
- In the event of possibilities of the disasters in the adjoining districts, including those beyond the state borders, the District Disaster Manager will issue the alert warning to them.
- In multi-district disasters, if Additional Relief Commissioner is appointed at the multidistrict level, the District Disaster Manager will report to the Additional Relief Commissioner.

In the absence of the Collector, Additional Collector or Assistant Collector or Resident Deputy

Collector will officiate and exercise all the powers and responsibilities of the District Disaster

Manager listed above.

4.5 <u>Site Operation System During Disaster</u>

Following the ICS, the site operations would be taken into action.

Depending on the nature of disaster and the type of damage, it may be necessary to set up a number of relief camps and/or cattle camps.

- In such a situation, the DDMA may decide to set-up a Site Operations Center (SOCs) to reduce the pressure on District Control Room for field coordination.
- Depending upon the disaster locations and the number of campsites, the DDMA may decide to set-up more than one Site Operations Center.

The Site Operations Center and the camps would be wound up after the relief and rehabilitation work is called off or after the relief camps and cattle camps are dismantled, whichever is later.

The Site Operations Center will be managed by Site Manager of the rank of Sub Divisional Officer/ Deputy Collector.

4.6 <u>Desk Arrangements in District Control Room</u>

District Disaster Manager

- a) Establishing Priorities
- b) Direct and co-ordinate the service of,
- Defence Services, SRP, CRPF, Home Guards, Coast Guards, CISF
- Fire Brigade, Civil Defence
- DOT, Railways, AAI, Port Trust, FCI
- ♦ DD, AIR
- ♦ MSEB, MWSSB, MSRTC, MPCB
- Meteorological Department, MERI, MPCB
- State Government Aircrafts and Helicopters
- Co-ordinate with the NGOs and aid agencies
- Enlist services of GOI/GOM laboratories and expert institutions for Specialized services.

For immediate contact in case of major disaster;--

- 1. NDRF,5th BN ,Sudumbare, Pune,Tel-02114-247000,
- 2. Coast Guard Goa- Telephone- 0832-2521051, 2520440
- 3. Coast Guard, Ratnagiri, 02352-220490/224088, Fax- 02352-224555

5. PREPAREDNESS AND MITIGATION

In disaster management cycle, preparedness and mitigation are the two important stages before the occurrence of disaster. It has a great importance in reduction of loss of life and property if proper preparedness and mitigation strategies are followed.

5.1 <u>Preparedness</u>

This protective process embraces measures which enable governments, communities and individuals to respond rapidly to disaster situations to cope with them effectively. Preparedness includes the formulation of viable emergency plans, the development of warning systems, the maintenance of inventories and the training of personnel. It may also embrace search and rescue measures as well as evacuation plans for areas that may be at risk from a recurring disaster.

Preparedness therefore encompasses those measures taken before a disaster event which are aimed at minimizing the loss of life, disruption of critical services, and damage when the disaster occurs. All preparedness planning needs to be supported by appropriate legislation with clear allocation of responsibilities and budgetary provisions.

5.2 <u>Mitigation</u>

Mitigation embraces all measures taken to reduce both the effect of the hazard itself and the vulnerable conditions to it in order to reduce the scale of a future disaster. Therefore mitigation activities can be focused on the hazard itself or the elements exposed to the threat. Examples of mitigation measures which are hazard specific include modifying the occurrence of the hazard, e.g. water management in drought prone areas, avoiding the hazard by siting people away from the hazard and by strengthening structures to reduce damage when a hazard occurs. In addition to these physical measures, mitigation aims at reducing the physical, economic and social vulnerability to threats and the underlying causes for this vulnerability.

Proper preparedness and mitigation measures instantly helps to respond a disaster in time. So disaster wise preparedness and mitigation is highly required. These are normal time activities. A prepared community is the best community to minimize the loss and damage caused by the disasters. Mitigation focuses on various ways and means of reducing the impacts of disasters on the communities through damage prevention. It is hazard specific including both structural and non-structural issues. It is also very strategic rather than the description of various methods of resistant construction technologies.

5.3 <u>Preparedness and Mitigation Measures</u>

Preparedness and mitigation measures towards various disasters certainly helps to reduce the risk as well as loss and damage of the life and properties caused by different disasters. Let's discuss them in general as well as event wise:-

5.3.1 General Preparedness Measures

1. Establishment of the Control Rooms

The district administration should ensure the operation of control rooms. The control rooms are presently run by major line departments at revenue, police, MSEDC, Hospital, etc. at taluka and district level should be functionable.

2. Plan Updation

Disaster Management Plan needs updation at every interval. It includes the skilled manpower, their addresses and contact numbers, necessary equipments, medicinal stock, daily necessities, list of flood prone villages etc. All these things have to be updated after a certain interval of time.

3. Communication System

Training is given for search and rescue teams, first aid teams disaster management teams at village, taluka and district level. These teams will provide timely help during any type of disaster. Provision of wireless sets at all Sub-division and Taluka Offices for effective communication of cyclone/heavy rainfall/flood warning. Fire Brigades at all the Municipal Offices. Setting up of a special Highway Safety Patrol along the Mumbai-Goa highway. Effective and stricter implementation of flood zone regulations disallowing construction within 200 m of river banks. Widespread community awareness programmes in flood prone villages so that villages are sensitized about the flood hazard and there are no problems when there is need for evacuation.

4. Training for Disater Management Team Members

Each of the DMTs comprise groups of women and men volunteers and are assigned with a specials task The Search and Rescue Teams, First Aid Teams formed at the three levels should be provided training from time to time so that their timely help can be used during disaster.

5. Organization of Mock Drills

Mock drill is an integral part of the Community based disaster management plan, as it is a preparedness drill to keep the community alert. Mock drills are organized in all the villages of the district to activate the DMTs and modification of the DM plan. Mock drill is organized once in six months as per the seasonality calendar of natural disaster events that is likely to occur.

6. Community Awareness on Various Disasters

- 1. Construction of Earthquake Resistant Structures
- 2. retrofitting the weak structures
- 3. House insurance
- 4. construction of embankments for flood control
- 5. Rehabilitation of people in safe lands
- 6. development of plans for shifting people from vulnerable area to safer area

5.3.2 Disaster wise mitigation measures may be taken as follows **Floods and Cyclones** A.

Flooding frequency is quite frequent in many talukas of the district. Strict enforcement of flood zone regulations need to done to prevent constructions of any type within 200 m of the riverbanks.

Engineering solutions like building of flood embankments, small dams, deepening of the channels may be considered for specific localities.

Community awareness should be built up so that people respond effectively to the flooding. Persons living in the low lying parts of floodplains, areas below unsafe dams, low-lying shorelines, or river delta areas are vulnerable to flood hazards. Notable risk in flood plain settlements are buildings made of earth or with soluble mortar, buildings with shallow foundations or non-resistant to water force and inundation. Infrastructural elements at particular risk are utilities such as sewer systems, power and water supplies, machinery and electronics belonging to industry and communications, livestock, vehicles, agricultural fields etc. Inhabitants of flood prone areas usually have a number of traditional methods at their disposal for coping with floods. Some aspects of flood planning and response are:-

- Issuing warnings at the local levels
- Participating in flood fighting by organizing work parties to repair
- Embankments or clear debris from drainage areas, pile sandbags
- * * * Stockpile needed materials
- Facilitating agricultural recovery
- Planning emergency supplies of flood and clean drinking water
- ۲ To conduct trainings on search and rescue for Search and Rescue
- ۲ Teams formed at District, Taluka and Village level from time to time.

There is need for trained full time fire brigade personnel in each municipality who will help in search and rescue. The health department needs to be equipped with more water quality monitoring centers for effective surveillance of water quality during flood events.

Planting of casaurina trees along the coast, which will serve as wind breakers. Provision of wireless communication equipment to all tahsil offices so that information about approaching cyclone can be relayed immediately.

Main Mitigation Strategies

1. Mapping of the flood prone areas is a primary step involved in reducing the risk of the region. Historical records give the indication of the flood inundation areas and the period of occurrence and the extent of the coverage. Warning can be issued looking into the earlier marked heights of the water levels in case of potential threat. In the coastal areas the tide levels and the land characteristics will determine the submergence areas. Flood hazard mapping will give the proper indication of water flow during floods.

- 2. The onset of cyclones is extensive and often very destructive. A hazard map will illustrate the areas vulnerable to the cyclone in any given year.
- 3. The map is prepared with data inputs off past climatologically records, history of wind speed, frequency of flooding etc.
- 4. Land use control will reduce the danger of life and property when waters inundate the floodplains and the coastal areas. In areas where people already have built their settlements, measures should be taken to relocate to better sites so as to reduce vulnerability. No major development should be permitted in the areas which are subjected to high flooding. Important facilities should be built in safe areas.
- 5. Construction of engineered structures in the flood plains and strengthening of structures to withstand flood forces and seepage. The buildings should be constructed on an elevated area. If necessary build on stilts or platform. They should be wind and water resistant. Protect river embankments. Communication lines should be installed underground. Provide strong halls for community shelter in vulnerable locations.
- 6. Flood Control aims to reduce flood damage. Measures such as reforestation, protection of vegetation, clearing of debris, conservation of ponds and lakes, etc.
- 7. Structural measures include storage reservoirs, flood embankments, drainage channels, anti-erosion works, detention basins, etc. and non-structural measures include flood forecasting, flood proofing, disaster preparedness, etc.

B. <u>Road Accidents</u>

- 1. Setting up of a Highway Safety Patrol along the Mumbai-Goa highway, which will be a specialized division of the highway police to tackle road accidents.
- 2. Provision of full time trained fire brigade personnel in at least all the municipalities.
- 3. Provision of adequate signboards, speed breakers and guard stones near the accident prone spots.
- 4. Some hospitals along the Mumbai-Goa highway should be upgraded with X-ray machines, blood bank and surgical facilities.
- 5. If necessary, bypasses should be constructed wherever the highway passes through densely populated localities.
- 6. The risk at the accident-prone spots must be minimized by adequate construction/resurfacing/widening etc.

C. <u>Epidemics</u>

Health department needs to be provided with more water quality monitoring centers for effective surveillance of water quality principally during the monsoon months and during flood events.

Bleaching powder should be adequately available with all the Gram panchayats. Rural hospitals should be upgraded to include blood bank and surgical facilities.

Contingency plan for response should be prepared after identifying the epidemics that are likely to occur in the region. Maps of all the health facilities in the region with an inventory of drugs

and vaccines, laboratory set ups, list of number of doctors and supporting staff etc. need to be kept ready and updated at regular intervals. First aid training will help to cope better during the emergency response period for epidemics. Personnel protection through vaccination is an effective mitigation strategy and will protect the persons at risk. Improving the sanitary conditions, drive to check and fumigate breeding places of any vector, disinfecting the water source, etc.

D. <u>Fires</u>

Provision of trained manpower to the fire brigades. Provision of fire engines and trained manpower to all the municipalities. All fire tenders should be equipped with wireless sets.

The procedural delay for fire engines to move outside the municipal limits should be removed. The coordinating authority for this may be vested with a senior officer in the municipal administration.

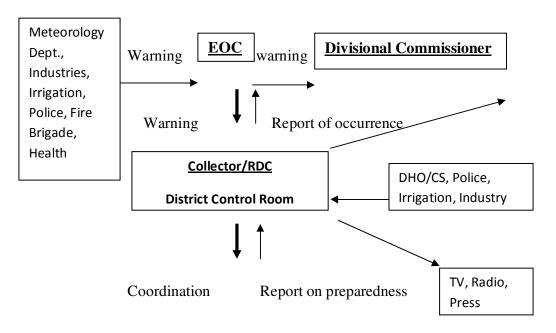
6. RESPONSE PLAN

The onset of an emergency creates the need for time sensitive actions to save life and property, reduce hardships and suffering, and restore essential life support and community systems, to mitigate further damage or loss and provide the foundation for subsequent recovery. Effective response planning requires realistic identification of likely response functions, assignment of specific tasks to individual response agencies, identification of equipment, supplies and personnel required by the response agencies for performing the assigned tasks. A response plan essentially outlines the strategy and resources needed for search and rescue, evacuation, etc.

Considering all this points, this response plan has been developed. For the first time Incident Command System (ICS) has also been introduced in response plan along with the resource inventory that is directly linked to the website. In fact, during disaster the ICS management tool will be more effective to handle the situation in proper way within limited time.

6.1 Response Structure during Warning Stage

At district level, before the occurrence of disaster and immediately after the disaster, the district administration will activate the district control room so that proper information will be provided to the concerned authorities.

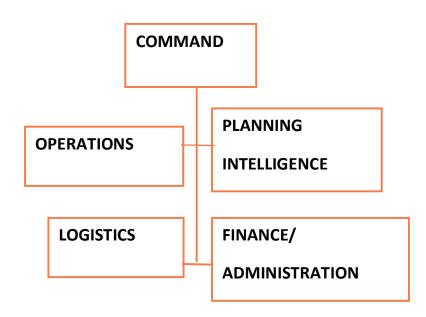


6.2 Incident Command System (ICS)

The Incident Command System (ICS) is a management system and an on-scene, all-risk, flexible modular system adaptable for natural as well as man-made disasters. The ICS has a number off attributes or system features. Because of these features, ICS has the flexibility and adaptability to be applied to a wide variety of incidents and events both large and small. The primary ICS management functions include:

- Command
- Operations
- Logistics
- Planning
- Finance / Administration

FIVE PRIMARY I.C.S MANAGEMENT FUNCTIONS



The ICS seeks to strengthen the existing disaster response management system by ensuring that the designated controlling/responsible authorities at different levels are backed by trained

Incident Command Teams (ICTs) whose members have been trained in the different facets of disaster response management.

The five command functions in the Incident Command System are as follows : 1. Incident Commander

The Incident Commander is responsible for all incident activity. Although other functions may be left unfilled, there will always be an Incident Commander.

2. **Operations Section**

Develops tactical organization and directs all the resources to carry out the Incident Action Plan .

3. <u>Planning Section</u>

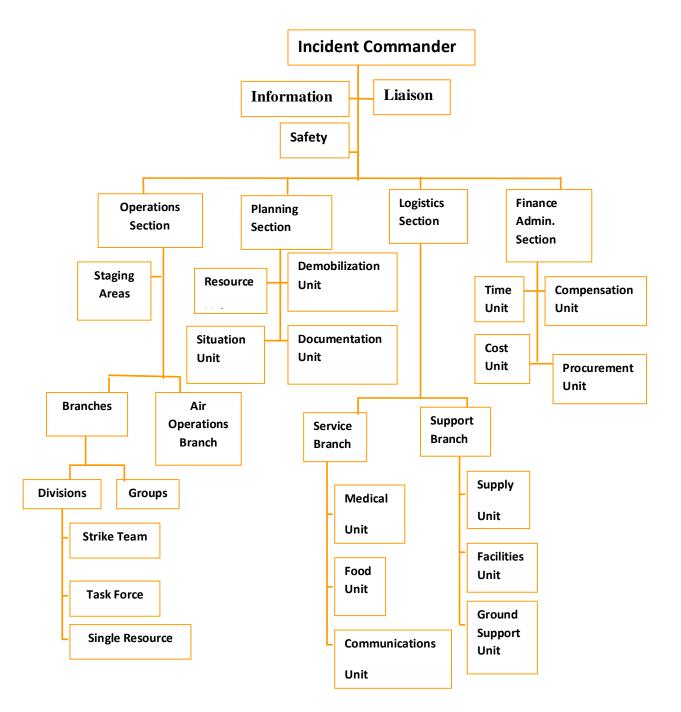
It is responsible for the collection, evaluation, and display of incident information, maintaining status of resources, and preparing the Incident Action Plan and incident related documentation.

4. Logistics Section

Provides resources and all other services needed to support the organization.

5. <u>Finance / Administration Section</u>

Monitors costs related to the incident, provides accounting, procurement, time recording, cost analysis, and overall fiscal guidance.



INCIDENT COMMAND ORGANIZATION CHART

District Level Incident Response

At the district level, there will be one District Headquarters Team with the primary function of assisting the District Collector in handling tasks like general co-ordination, distribution of relief materials, media management and the overall logistics. Suitable officers from the district administration will be carefully selected and professionally trained for the different ICS positions in order to constitute the District Level Incident Command Teams. (DICTs). The teams will focus on the operational aspects of response management, duly supported by other functions in ICS, e.g. Planning, Logistics, Finance/Administration, etc. The officers drawn for this assignment will be carefully selected by the District Collector depending upon their fitness, ability and aptitude for any of the DICT positions and they will be professionally trained to fulfill their assigned roles.

Arrangements will also be made for ensuring their mobilization in a time-bound manner for their deployment to the trouble spot. Due consideration for the appropriate level of seniority will be given while constituting the teams. The team personnel may be selected from the General Administration / Revenue Department which traditionally handles disaster response in our country, the option to pick up willing and capable personnel from any other department for taking up specific positions in the DICT will be left open. For some positions, a suitable number of additional personnel will be trained as reserve for taking care of contingencies like transfers, promotions, etc.

For the position of the Incident commander, a suitable officer of the rank of Additional District magistrate will be preferred. The District Level Incident Command Teams will function under the overall control of the Collector / District Magistrate. The State governments can also deploy the DICTs to other districts depending upon the magnitude of the disaster.

Training And Rank Requirements For District Headquarters Team

Category A

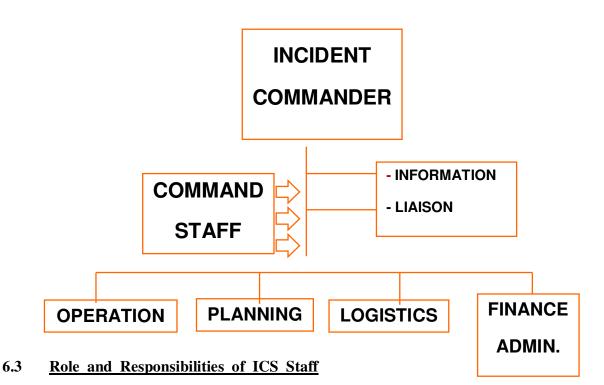
Collector/District Magistrate/Additional District Magistrate/Sub divisional Magistrate, ICS for Executives, Basic/Intermediate ICS, Incident Commander, Advance ICS, Area Command.

<u>Category B</u>

Sr. No.	ICS Position	Rank Requirement	Training Requirement
1	Headquarters Co- coordinator	ADM/Senior Dy. Collector	Basic/Int. ICS, Incident Manager, Advanced ICS, Area Command
2	Dy. Headquarters Co-coordinator	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Incident Manager, Advanced ICS, Area Command
3	Liaison Officer	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Liaison Officer, Advanced ICS.
4	Information Officer	Deputy Collector/ Equivalent ranks	Basic/Int.ICS,InformationOfficer,
5	Planning Section Chief	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Planning Section Chief, Advanced ICS, Area Command
6	Logistic Section Chief	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Logistic Section Chief, Advanced ICS, Area Command
7	Air Operations Officer	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Advanced ICS, Area Command
8	Finance/Adm. Section Chief	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Advanced ICS, Area Command
9	Situation Unit Leader	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Situation Unit Leader
10	Resource Unit Leader	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Resource Unit Leader
11	ReceivingandDistributingBranch Director	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Self Study
12	Mobilization Branch Director	Deputy Collector/ Equivalent ranks	Basic/Int. ICS, Self Study
13	OtherPositions.(TechnicalSpecialist	Line department representatives	Basic/Int. ICS, Job Aids Self Study

ICS Organization in Detail

The ICS organization is built around five major functions that are applied to any incident whether it is large or small. Unified Command, which is a management method to use for multi jurisdictional and /or multi-agency events, is a major feature of ICS.



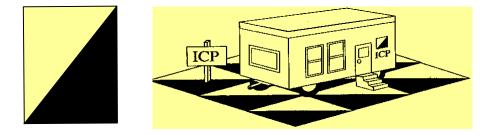
The following represents the major responsibilities and duties of the Incident Commander. The incident commander's responsibility is the overall management of the incident. The Incident Commander may have a deputy who may be from the same agency, or from an assisting agency.

6.3.1 Incident Commander

Major responsibilities and duties of Incident Commander

- Assesses the situation and/or obtain a briefing from the prior Incident Commander.
- Determine incident objectives and strategy.
- Establish the immediate priorities.
- Establish an incident command post.
- Establish an appropriate organization.
- ensure planning meetings are scheduled as required.
- Approve and authorize the implementation of an Incident Action Plan.
- Ensure that adequate safety measures are in place.
- Co-ordinate activity for all Command and General Staff.
- Coordinate with key people and officials.
- Approve requests for additional resources or for the release of resources.
- keep agency administrator informed of incident status.
- Approve the use of students, volunteers, and auxiliary personnel.
- Authorize release of information to the news media.
- Order the demobilization of the incident when appropriate.

1. Establish an Incident Command Post (ICP)



The ICP will be wherever the Incident Commander is located. As the incident grows, it is important for the Commander to establish a fixed location for the ICP and to work from that location. The ICP provides a central coordination point from which the Incident Commander, Command Staff and Planning functions will normally operate. The ICP can be any type of facility that is available and appropriate, e.g., vehicle, trailer, tent, an open area or a room in a building. The ICP may be located at the Incident Base if that facility has been established. Once established, the ICP should not be moved unless absolutely necessary.



2. Establish the Immediate Priorities

First Priority is always safety of:

- People involved in the incident
- Responders
- Other emergency workers
- Bystanders

Second Priority: Incident Stabilization. Stabilization is normally tied directly to incident complexity.

When considering stabilizing the Incident Commander must:

- Ensure life safety
- Ensure Protection of life and property
- Stay in Command
- Manage resources efficiently and cost effectively

3. Determine Incident Objectives, Strategy, and Tactical Direction

It is safe to say that all agencies employ some sequence of steps to meet incident-related goals and objectives. Several different approaches have been suggested. Some of these have more steps and are more detailed than others. A suggested four-phased approach is offered below:

A. Know Agency Policy

The Incident Commander may not always be an employee of the agency or jurisdiction experiencing an incident. Therefore he must be fully aware of agency policy.

This includes any operating or environmental restrictions, and any limits of authority. Agencies will vary on how this policy is made known to the Incident Commander. Agency policy can affect the establishment of incident objectives.

B. Establish Incident Objectives

Incident Objectives are statements of intent related to the overall incident. For some kinds of incidents the time to achieve the objectives is critical. The following are some single examples of Incident Objectives for several different kinds of incidents.

- Release all hostages safely with no further casualties.
- Stop any further flow of toxic material to riverbed.
- Contain fire within existing structures.
- Search all structures for casualties.

C. <u>Develop Appropriate Strategy</u>

Strategy describes the general method that should be used either singly or in combination that will result in achieving the incident objective.

D. <u>Execute Tactical Direction</u>

Tactical Direction describes what must be accomplished within the selected strategies in order to achieve the incident objectives.

Tactical Direction consists of the following steps:

1. Establish Tactics

Determine the tactics that are to be used appropriate to the strategy. The tactics are normally established to be conducted within an operational period.

2. Assign Resources

Determine and assign the kind and type of resources appropriate for the selected tactics.

3. Monitor Performance

Performance monitoring will determine if the tactics and resources selected for the various strategies are both valid and adequate.

4. Monitor Scene Safety

Public safety at the scene of an incident is always the top priority. If the incident is complex, or the Incident Commander is not tactical expert in all the

hazards present, a Safety Officer should be assigned. Hazardous materials incident requires the assignment of a Safety Officer

5. Establish and Monitor Incident Organization

One of the primary duty of the Incident Commander is overseeing the Management organization. The organization needs to be large enough to do the job at hand, yet resource used must be cost effective.

6. Manage Planning Meetings as Required

Planning meetings and the overall planning process are essential to achieving the incident objectives. On many incidents, the time factor does not allow prolonged planning. On the other hand, lack of planning can be more disastrous. Proactive planning is essential to consider future needs.

7. Approve and Authorize the Implementation of an Incident Action Plan

Plans can be oral or written. Written plans should be provided for multi-jurisdiction or multi-agency incidents, or when the incident will continue for more than one Operational Period.

8. Approve Requests for Additional Resources or for the Release of Resources

On small incidents, the IC will personally determine additional resources needed and order them. As the incident grows in size and complexity, the ordering responsibility for required resources will shift to the Logistics Section Chief and to the Supply Unit if those elements of the organization have been established.

9. Authorize Release of Information to the News Media

The sophistication of modern news gathering methods and equipment make it very important that all incidents have procedures in place for managing the release of information to the media, as well as responding appropriately to media inquiries.

There are three important staff functions that are the responsibility of the Incident Commander unless Command Staff positions are established.

- Public Information and media relations
- Maintaining liaison with assisting and co-operating agencies
- Ensuring safety



6.3.2 Information Officer

The information officer is responsible for developing

and releasing information about the incident to the news media, to incident personnel, and to other appropriate agencies and organizations.

Reasons for the IC to designate an Information Officer

- An obvious high visibility or sensitive incident media demands for information may obstruct IC effectiveness.
- Media capabilities to acquire their own information are increasing.
- Reduces the risk of multiple sources releasing information.
- Need to alert, warn or instruct the public
 - The Information Officer should consider the following when determining a location to work at the incident.
- Be separate from the Command Post, but close enough to have access to information.
- An area for media relations and press/media briefings must be established.
- Information displays and press handouts may be required.
- Tours and photo opportunities may have to be arranged.

6.3.3 Liaison Officer

Incidents that are multi-jurisdictional, or have several Agencies involved, may require the establishment of the Liaison Officer position on the Command Staff.

The Liaison Officer is the contact for Agency Representatives assigned to the incident by assisting or co-operating agencies. These are personnel other than those on direct tactical assignments or those involved in

an Unified Command.

Reasons for the IC to designate a Liaison Officer

- ♦ When several agencies send, or plan to send, agency representatives to an incident in support of their resources.
- When the IC can no longer provide the time for individual coordination
 - with each agency representative.
- When it appears that two or more jurisdictions may become involved in the incident and the incident will require on-site liaison.

6.3.4 <u>Safety Officer</u>

The Safety Officer's function on the Command Staff is to develop and recommend measures for assuring personnel safety, and to assess and/or anticipate hazardous and unsafe situations.

Only one Safety Officer will be assigned for each incident. The Safety Officer may have assistants as necessary, and the assistants may also represent assisting agencies or jurisdictions. Safety assistants may have specific responsibilities such as air operations, hazardous materials, etc. The Safety Officer will correct unsafe situations by working through the chain of command. However, the Safety Officer may exercise emergency authority to directly stop unsafe acts if personnel are in imminent life-threatening danger.

6.4 Role and Responsibilities of ICS General Staff The General Staff consists of the following positions :

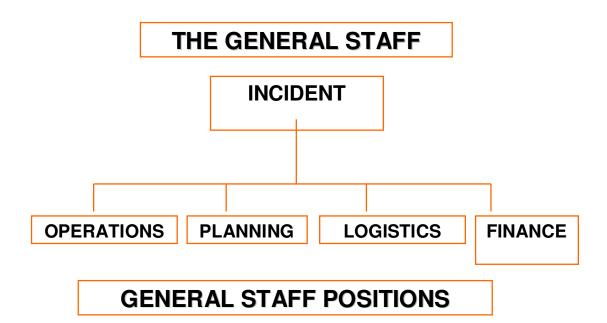
- 1. Operations Section Chief
- 2. Planning Section Chief
- 3. Logistics Section Chief
- 4. Finance/Administration Section Chief



SAFETY OFFICE







6.4.1 **Operations Section**

The Operations Section is responsible for managing all tactical operations at an incident. The build-up of the Operations Section is generally dictated by the number of tactical resources involved and span of control considerations.

The Operations Section consists of the following components :

- Ground or surface-based tactical resources
- Aviation (Air) resources helicopters and fixed-wing aircraft
- ♦ Staging Areas

1. Ground or Surface-based Tactical Resources

There are three ways of organizing tactical resources on an incident. The determination of how resources will be used will be determined on the application area and the tactical requirement. Resources can be used as:

- Single Resources
- ♦ Task Forces
- ♦ Strike Teams

Depending on the need, tactical resources can be placed into an operations organization made up of:

- Resources reporting to the Incident Commander or Operations Section
- ♦ Chief
- Divisions or Groups
- ♦ Branches

2. Aviation (Air) Resources

Many incidents require the use of tactical or logistical aircraft to support the incident. In ICS, all aviation resources assigned for exclusive use of the incident are assigned to the Operations Section. These include aircraft providing logistical support.

The Operations Section Chief may establish a separate Air Operations Branch when

- The complexity of air operations and/or the number of aircraft assigned to the incident requires additional management support
- The incident requires both tactical and logistical use of air support
- When the air operations organization is formally established on an incident, it will be set up as an Air Operations Branch within the Operations Section.

3. <u>Staging Areas</u>

The third component of the Operations Section is the Staging Area.

An ICS Staging Area is a temporary location for placing resources available for incident assignments. All resources within the Staging Area belong to the incident.

Resources assigned to a Staging Area are available on a three minute basis to take on active assignment.

Staging Area are temporary facilities. They can be set up at any appropriate location in the incident area and moved or deactivated as needed.

Staging Area Managers report to the Operations Section Chief or to the Incident Commander.

6.4.2 <u>Planning Section</u>

In ICS, the Planning Section is responsible for managing all information relevant to an incident. When activated, the Planning Section Chief who is a member of the General Staff manages the Section

The Planning Section collects, evaluates, processes, and disseminates information for use at the incident. Dissemination can be in the form of the Incident Action Plan, formal briefings, or through map and status board displays.

Some incidents may require personnel with specialized skills to be temporarily assigned to the Planning Section. These persons are called Technical Specialists such as

- ✓ Chemist
- ✓ Hydrologist
- ✓ Geologist
- ✓ Meteorologist
- ✓ Training Specialist

There are four units within the Planning Section that can be activated as necessary

- 1 Resources Unit
- 2 Situation Unit
- 3 Documentation Unit
- 4 Demobilization Unit

Common responsibilities of Unit Leaders are listed below:

- Obtain briefing from the Section Chief
- Participate in incident
- Determine current status of unit activities
- Confirm dispatch and estimated time of arrival of staff and supplies
- Assign specific duties to staff, supervise staff
- Develop and implement accountability, safety, and security measures for personnel and resources
- Supervise demobilization of the unit, including storage of supplies
- Provide Supply Unit Leader with a list of supplies to be replenished
- Maintain unit records, including Unit Log

1. <u>Resources Unit</u>

This Unit is responsible for maintaining the status of all assigned resources at an incident. It achieves this through:

- Overseeing the check-in of all resources
- Maintaining a status-keeping system indicating current location and status of all the resources.
- Maintenance of a master list of all the resources, e.g. key supervisory personnel, primary and support resources, etc.

2. <u>Situation Unit</u>

The collection, processing, and organizing of all incident information takes place within the Situation Unit. The Situation Unit may prepare future projections of incident growth, maps, and intelligence information. Three positions report directly to the Situation Unit Leade

- Display Processor maintains incident status information obtained from Field Observers, resource status reports, etc. information is posted on maps status boards as appropriate.
- Field Observer Collects and reports on situation information from the field.
- Weather Observer Collects current weather information from the weather service or an assigned meteorologist.

3. <u>Documentation Unit</u>

The Documentation Unit is responsible for the maintenance of accurate, up-to-date incident files. Duplication services will also be provided by the Documentation Unit. Incident files will be stored for legal, analytical, and historical purposes.

4. <u>Demobilization Unit</u>

The Demobilization Unit is responsible for developing the Incident Demobilization Plan. On large incidents, demobilization can be quite complex, requiring a separate planning activity. Planning for demobilization should begin at the early stages of an incident, particularly in the development of rosters of personnel and resources, thus ensuring the efficient and safe demobilization of all the resources.

5. <u>Technical Specialists</u>

Certain incidents or events may require the use of Technical Specialists who have specialized knowledge and expertise. Technical Specialists may function within the Planning Section, or be assigned wherever their services are required.

In the Planning Section, Technical Specialists may report to the following:

- Planning Section Chief
- A designated Unit Leader

Some examples of the more commonly used specialists are :

- ♦ Meteorologist
- Environmental Impact Specialist
- Flood Control Specialist
- Water Use Specialist
- Fuels and Flammable Specialist
- Hazardous Substance Specialist
- Fire Behavior Specialist
- ♦ Structural Engineer
- Training Specialist

6.4.3 Logistics Section

The Logistics Section is responsible for the following:

- ♦ Facilities
- Transportation
- Communications
- Supplies
- Equipment maintenance and fueling
- Food Services

- Medical Services
- Ordering Resources

The Logistics Section Chief manages the Logistics Section. On very large incidents, or on incidents requiring a great deal of equipment or facilities, the Logistics Section may be divided into two branches – Service Branch and Support Branch. This is most often done for span of control reasons, resulting in a more manageable organization.

Six Units may be established within the Logistics Section :

- Supply Unit
- Facilities Unit
- Ground Support Unit
- Communications Unit
- ♦ Food Unit
- Medical Unit

1. <u>Supply Unit</u>

The Supply Unit is responsible for ordering, receiving, processing and storing all incident-related resources.

All off-incident resources will be ordered through the Supply Unit, including:

- Tactical and support resources (including personnel)
- All expendable and non-expendable support supplies.

Two Managers report directly to the Supply Unit Leader:

- Ordering Manager places all orders for incident supplies and equipment.
- Receiving and Distribution Manager receives and distributes all supplies and equipment (other than primary tactical resources) and is responsible for the service and repair of tools and equipment.

2. <u>Facilities Unit</u>

This unit is responsible for set-up, maintenance, and demobilization of all incident support facilities except Staging Areas. These facilities are :

- Incident Command Post
- ♦ Incident Base
- ♦ Camps
- Other facilities within the incident area to be used for feeding, sleeping, and sanitation services.

The Facilities Unit will also provide security services to the incident as needed.

Three managers report directly to the Facilities Unit Leader. When established at an incident, they have important responsibilities.

a) <u>Security Manager</u> – provides safeguard necessary for protection of personnel and property from loss and damage.

b) <u>Base</u> <u>Manager</u> – ensures that appropriate sanitation, security, and facility management services are in place at the Base.

c) <u>**Camp Manager**</u> – On large incidents, one or more camps may be established. Activities at the camps may include many of those regularly performed at the Base. Camp Managers are responsible for providing non-technical coordination for all the units operating within the camp.

3. <u>Ground Support Unit</u>

The Ground Support Unit is responsible for the maintenance, service, and fueling of all mobile equipment and vehicles. The Unit also has responsibility for the ground transportation of personnel, supplies, and equipment and the development of the Incident Traffic Plan.

4 <u>Communications Unit</u>

The Communications Unit is responsible for developing plans for the use of incident communications equipment and facilities, installing and testing of communications equipment, supervision of the Incident Communications Center, and the distribution and maintenance of communications equipment.

5. <u>Food Unit</u>

The Food Unit is responsible for supplying the food needs for the entire incident, including all remote locations as well as providing food for personnel unable to leave tactical field assignments. Planning is essential to the efficient supply of food. The Food Unit must anticipate the number of personnel to be fed and develop plans for supplying food to all incident areas.

6. <u>Medical Unit</u>

The Unit will develop an Incident Medical Plan, develop procedures for managing major medical emergencies, provide medical aid, and assist the Finance/ Administration Section with processing injury-related claims.

6.4.4 Finance / Administration Section

The Finance/Administration Section is responsible for managing all financial aspects of an incident. There are four units, which may be established within the Finance/Administration Section :

- Time Unit
- Procurement Unit
- Compensation /Claims Unit
- Cost Unit

1. <u>Time Unit</u>

The Time Unit is responsible for ensuring the accurate recording of daily personnel time, compliance with specific agency time recording policies, and managing commissary operations if established at the incident.

2. <u>Procurement Unit</u>

All financial matters pertaining to vendor contracts, leases and fiscal agreements are managed by Procurement Unit. The Procurement Unit establishes local sources for equipment and supplies, manages all equipment rental agreements and processes all rental and supply fiscal document billing invoices.

3. <u>Compensation / Claims unit</u>

The Claims Unit is responsible for investigating all claims involving property associated with or involved in the incident. This can be an extremely important function on some incidents.

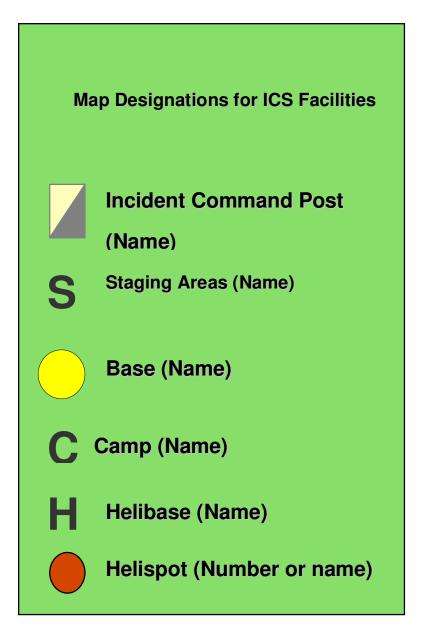
Two Specialists report to the Compensation / Claims Unit Leader :

• <u>Compensation –for- injury Specialist</u> - Administers financial matters arising from serious injuries and deaths on an incident. Work is done in close cooperation with the Medical Unit.

• <u>Claims</u> <u>Specialist</u> – manages all claims related activities (other than injury) for an incident.

4. Cost Unit

The Cost Unit provides all incident cost analysis. It ensures the proper identification of all equipment and personnel requiring payment, records all cost data, analysis and prepares estimates of incident costs, and maintains accurate records of incident costs



6.5 District Search and Rescue Team

The following members have undergone training on search and rescue at Talegaon, Pune in YASHADA under Disaster Risk Management Programme.

Sr no.	Name and Designation	Address & Telephone
1	Shashikant G Shinde, PI, police control, Oras	02362-228200
2	Dr Chandrashekar Chandakkar, MO, Civil hosp.	02362-228901
3	Mrs Sarika Desai, Med asstt, District hosp	02362-228901
4	Laxminarayan Varma, Jr engg, Irrig, Ratnagiri	02362-228717
5	Deepak Dalvi,police	02362-228200
6	Ghansyam Kubal,police	02362-228200
7	Ramchander Kalangutkar, police	02362-253533
8	Sunil Sawant,police	02362-237133
9	Sachin Sanjay Surve	02362-228831
	Home Guard S. No. 1523, Sindhudurg Dist.	
10	Sandesh Gangawane	02362-228831
-	S. No. 1750, Dist. Sindhudurg	
11	Bhalchandra Shashikant Andurlekar	02364-261333
	Vijaydurg Police Station	
12	Satyavan B. Malve	02367-237239
	Tahsildar Office, Vaibhavwadi	9421145035
13	Santosh B. Maske	02367-237239
	Tahsildar Office, Vaibhavwadi	9421145035
14	Vikas V. Chavan	02362-228831
	S. No. 1745, Homeguard, Kudal, Dist. Sindhudurg	9869144247
15	Harshad G. Narvekar	02362-228831
	S. No. 1818 Home Guard, Kudal,	
	Dist. Sindhudurg	9421261893
16	Ankush D. Dalvi	02362-220858
	S. No. 1824, Home Guard, Kudal,	
	Dist. Sindhudurg	9960439427
17	Sudhakar M. Namnaik	9421236202
	S. No. 1681 Home Guard, Malvan,	
	Dist. Sindhudurg	
18	Sudhir U. Acharekar	02365-252030
	Malvan Nagarparishad, Dist. Sindhudurg	
19	Ragho G. Naik	02362-228831
	S. No. 1613 Home Guard, Kudal	
	Dist. Sindhudurg	9422633621
20	Anand Sambhaji Valanju	02365-252030
	Malvan Nagarparishad, Dist. Sindhudurg	
21	Ragho L.Kadam	02362-228831
	S. No. 1910, Home Guard, Kudal	
	Dist. Sindhudurg	

6.6 District Level Medical Team

The following district level medical team will be activated at the time of emergency which consist of doctors, nurses, pathologist, etc.

Sr. No.	Name of the Officer / Team Members	Designation	Contact No. (Office)	Mobile no.
1.	DR. Dr.A.J.Nalawade	Additional Civil Surgeon	(02362)228900/ 228902/228901	9422416949 7798839592
2.	POST VACANT	RMO (Outreach)		
3.	Dr.S.H.Patil	ENT Surgeon		9422374488
4	Dr.Smt.A.N.Gaonkar	Aneastheshia		9823082658
5	Dr.Pravin Patil	Opthalmic Audiologist		9673267614
6	Smt.V.S.Lele	Metron		9423049722
7	Smt.Sayli Tivrekar	O.T.Incharge Sister		8806725519
8	Dr.C.S.Mhadgut	Casualty Incharge		9821594591
9	Shri.A.V.Desai	Pharmacist		9271576822
10	Dr.S.K.Patil	Pathalogist		9822242516
11	Smt.P.P.Satardekar	ECG Techn.		9545482554
12	Shri.V.S.Dhuri	X-Ray Techn.		9403365191

6.7 Involvement of Defence and Paramilitary Forces

At district level whatever help would be required during disaster that will be immediately informed to the various departments by the district collector and possible support NGOs and other line agencies in the district would be tapped up. If the District Collector thinks that it cannot cope with the disaster then he can ask help from the defence and paramilitary force.

Contact Tel. No.	Fax No. / E-mail
022-22751920/22751486	
02114 - 284304	02114 - 284701
Commodore K.P.Aravindan	
M.NO.7350018001	
079-23246632	m.no.9898890715
	MO.NO.8170010602
022 - 22157257/22157105	
022 2284 2667 /	
	-
41/1	
020 - 26360041/	-
26361072 / 26360067	
0253 - 2573149	-
0251 –2313494 / 2317578	-
022 25242288	
022 -25342288	-
022 –27222343 / 27221355	-
02525 –264677 / 78	-
	022-22751920/22751486 02114 - 284304 Commodore K.P.Aravindan M.NO.7350018001 079-23246632 022 - 22157257/22157105 022 - 2284 3667 / 4171 020 - 26360041/ 26361072 / 26360067 0253 - 2573149 0251 -2313494 / 2317578 022 -27222343 / 27221355

Home Guard Head Office, Mumbai	022 – 2284 2423 / 6941	-
Police	022 –2202 6636 /	-
D.G.P. Control	2282 2631	
Geological Survey of India	020 - 26696489	020 - 26696489
Director, GSI, Pune		
National Disaster Response Force	02114 - 247000/	02114 - 281241
CRPF, 5 TH Batallion, Sudumbare		
Pune.		
Coast Guard , Ratnagiri	02352-224088	-

6.7.1 NDRF in Disaster Management

Ministry of Home Affairs, Government of India National Disaster Response Force, has raised the National Disaster Response Force (NDRF). The two broad mandate of NDRF is to undertake search and rescue operations during disaster and conduct training and capacity building programme during peace time. One of the battalions of NDRF is stationed at Talegaon, Pune and Maharashtra is one of its operation areas. During disaster, the NDRF may be called for search and rescue operation while services of NDRF can also be utilized for conducting capacity building and training programmes for different response groups. The contact details are:

Comdt. 145, Bn. CRPF (NDRF) Sadumbare,Tal-Maval Pune, Maharashtra Pin – 410 507 Unit Control Room 02114 – 247000 Fax 02114 – 247008 Mob. 09423506765 E –mail: 145crpf @ gmail.com, <u>Mrjssandhu@Sancharnet.in</u>

6.8 Temporary Shelter Management

In many emergencies, local authorities would set up public shelters in schools, municipal buildings and places of worship. While they often provide water, food, medicine and basic sanitary facilities.

Living in Designated Emergency Shelters

- Stay in the shelter until the local authorities say it's safe to leave
- Restrict smoking and ensure that smoking materials are disposed off safely.
- Cooperate with local authorities and others staying in the shelter.
- Listen to radio broadcasts

- Watch out for fires
- Assist local authorities and volunteers in the management of water, cooked food and other relief

supplies including medical care, if required.

- Make arrangement for pets and cattle before going to a public shelter.
- Organize recreation for children.
 - Assist local authorities with the assistance of community members to maintain law and
 - Immunize the population against epidemics.

The District Collector has recognized 5 safe shelters in each taluka. They are as follows:-

<u> Taluka - Deogad</u>

order.

٠

Sr.	Name and Address of Safe Shelter	Sr.	Name and Address of
No.		No.	Safe Shelter
1	Primary School Tarivathar Urdu	2	ZP School, Manche
	School, Manche.		
3	ZP Malpewadi Marathi School	4	ZP Malpewadi Urdu
			School
5	ZP School, Morwe	6	ZP School. Poyre,
			Gaonthavpadi

<u> Taluka - Sawantwadi</u>

Sr.	Name and Address of Safe	Sr.	Name and Address of
No.	Shelter	No.	Safe Shelter
1	Gram Panchayat, Insuli	2	Central Primary
			School, Banda
3	V. N. Nabar Memorial Hospital,	4	ZP Primary School,
	Banda		Sherle
5	Talavade Gram Panchyat Hall	6	ZP Primary School,
			Talavade
7	Aronda High School	8	ZP School, Kinale
9	Mahatma Gandhi Vidyamandir,	10	ZP School, Satose,
	Satarda		Dewoolwadi

<u>Taluka - Malvan</u>

Sr. No.	Name and Address of Safe Shelter	Sr. No.	Name and Address of Safe Shelter	
1	ZP Primary School, Kalse	2	Kalse High School	
3	Dhamapur Bhavai Mandir	4	ZP Primary School, Dewali	
5	ZP Primary School, Talashil	6	Deobagh High School	
7	Government Fishery School, Tarkarli	8	Topiwala High School, Malvan	
9	Vaingani High School, Vaingani	10	Achara High School	
11	R. A. Yadav High School, Aadavali	12	ZP Primary School, Hadi	

13	Masure School No. 1, 2, 3	14	Achara School No. 1, 2
15	Primary School Vidyamandir, Dewoolwada	16	ZP School, Maldi
17	ZP School, Koel	18	Pragat Vidyamandir, Ramgad

<u> Taluka - Kudal</u>

Sr.	Name and Address of Safe	Sr.	Name and Address of Safe
No.	Shelter	No.	Shelter
1	ZP School, Pawshi	2	ZP School, Bao
3	ZP School, Chendawan	4	High School, Chendawan
5	ZP School, Naikwadi		

<u> Taluka - Vaibhavwadi</u>

Sr.	Name and Address of Safe	Sr.	Name and Address of Safe
No.	Shelter	No.	Shelter
1	Taluka School, Wabhawe	2	Karul High School, Karul
3	Bhuibawada High School, Bhuibawada		

<u> Taluka - Kankavali</u>

Sr.	Name and Address of Safe	Sr.	Name and Address of Safe
No.	Shelter	No.	Shelter
1	Kharepatan High School,	2	Saraswati High School,
	Kharepatan		Nandgaon
3	Secondary School, Kanedi	4	Phonda College, Phonda
5	Kankavali College, Kankavali		

Taluka - Vengurla

Sr. No.	Name and Address of Safe Shelter	Sr. No.	Name and Address of Safe Shelter
1	Primary School, Ubhadanda Navabagh	2	Primary School No. 1,2,3 Ubhadanda Nandgaon
3	Primary School, Bagayat	4	Primary School, Bhogawe
5	Primary School, Parule Chipi	6	Primary School, Kelus Mobar
7	Primary School, Kelus Kawali	8	Primary School, Mhapan
9	Primary School, Kochara, Shriramwadi	10	Primary School, Shiroda Velagar
11	Primary School, Shiroda Karwada and Khardewadi		

6.9 Relief Management

Relief management should be done carefully so that all the victims will be benefited from the limited resources and manpower. In this regard the following activities must be assigned to related desks while serving the people in disaster hit areas. Though it is clearly mentioned in the ICS, still the specific functions of the various desks are given below:

Functions of Infrastructure Desk

- Shelters for affected people with sanitation facilities
- Temporary structure for storage
- Kitchens
- Medical facilities
- Education facility
- Recreational facility
- Postal facility
- Temporary repairs to damaged infrastructure

Functions of Logistics Desk

- Issue Village relief tickets to the affected families
- Organize distribution of Relief Supplies
- Receive, store, secure, relief materials for relief camps and affected villages
- Co-ordinate supplies distributed directly by NGOs and other organizations including private donors
- Ensure proper maintenance of vehicles and equipment
- Ensure optimum utilization of resources such as fuel, food, and other relief materials
- Mobilize and co-ordinate the work of the volunteers ensuring community participation
- Organize facilities for staff and volunteers

Functions of Health Desk

- Disposal of dead bodies
- Disposal of carcasses
- Disposal of waste and waste water
- Treatment of the injured and the sick
- Preventive medicine and anti-epidemic actions
- Inspection of food, water supplies, sanitation and disposal of waste

Functions of Communication and Information Management Desk

- Data collection
- Record keeping
- Assistance in locating missing persons
- Information center
- Organization of information for Site Operations Center and on specific Demands
- Maintaining In-Message and Out-Message Register
- Sending all Out-Messages on behalf of Camp Officer of the Relief Camp

Functions of Operation Desk

- ♦ Salvage operations
- Feeding centers for two weeks to be set-up at the earliest

Co-ordination with

- ♦ Site Operations Center
- District Control Room
- District administration staff in the area
- ♦ NGOs
- Private donors

B. <u>Manage</u>

• Dispatch of all information (as per the formats) and subsequent demands to DCR/Site Operations

Center

Organize shifts for staff and Supervision of the same

C. <u>General</u>

- Maintenance of records (date of joining, period of service, leave record, overtime, etc) for all the persons deployed for relief work at operations center.
- Get sanction for expenses for reimbursement from the DDM through Site Operations Center.

Functions of Services Desk

- Relief supplies to families or to households including water, clothing, and food.
- Arrangements for dry rations and family kits for cooking within two weeks of the disaster. Promotive services for mental health.
- Restoration of family (including locating missing children, relatives, friends.)
- Assistance in locating missing cattle.
- Assisting students to continue with their studies.
- Services for the orphans.
- Assisting individuals with special needs (pregnant women, infants, handicapped, old etc).
- Counseling services.

Functions of Resources Desk

Maintenance of

- Books of account for all cash receipts
- Books of account for all cash disbursements
- Stock register for all relief materials
- Issue register for all relief materials
- Dead stock register for all non-consumables (inventory)
- Record of all personnel payment on TA&DA, daily wages and other incidentals made to relief personnel.
- Records of all transfer of funds (as advances) to other government departments (suspense account)
- Records of all cash vouchers and credit vouchers.
- Records of all gratuitous relief.
- Records of all compensation paid.

Preparation of records relating to finance and accounts as per the formats for dispatch to Emergency Operations Center.

<u>General</u>

All cash donations must be deposited with District Control Room and a receipt for the same should be obtained.

All material donations must be entered in stock register and made available for inspection to officer from the District Control Room or Site Operations Center.

Maintain record of all issue of cash vouchers and credit vouchers for petrol and diesel.

6.10 Rapid Damage Assessment and Reporting

Rapid Damage Assessment Team should be set up immediately after the disaster. It should include Z.P. members, agricultural officer to assess the crop damage, executive engineer of PWD to assess the damaged houses, S.P to maintain the law and order situation, NGOs and volunteer organizations, Tahsildar, etc. This team may immediately assess the damage undergone due to disaster and report it to

the concerned department to get the immediate relief material from the government and also the foreign aid. Damage assessment procedures are required to avoid litigations and delays in gratuitous relief and compensation, including insurance.

6.11 Communication

Sending all Out-Messages on behalf of Camp Officer of the Relief Camp. Data collection, record keeping, assistance in locating missing persons, information center, organization of information for Site Operations Center and on specific demands, maintaining In-Message and Out-Message register. In addition, the following facilities are available in the communication room:

- ♦ Telephones
- ♦ Fax
- Intercom units
- VSAT connection
- PC with modem and printer
- Mobiles
- Photocopying machine
- ♦ Wireless

The media should handle such sensitive situation carefully as it may affect the victims mentally. It should issue the truest information as far as possible. Rumours should not be spread. The correct numerical data should be published so that the public is not misguided.

6.12 Law and Order

The Police Department shifts the people to the safer places. It helps the

Revenue Department to carry out relief work without any hindrance during disaster period and safeguard the properties of the victim. It will arrange law and order against theft in the disaster-affected area and coordinate with the search and rescue operation through NCC/VTF/NGO. It will also arrange for security at the relief camps/relief material storages. It is also responsible to maintain law and order at the time of distribution of relief material. It assists the authorities for evacuation of people to the safe places. It makes due arrangements for post mortem of dead persons, and legal procedure for speedy disposal. It specially protects the children and the women at the shelter places.

6.13 Public Grievances / Missing Persons Search

A committee at the district level has to be constituted under the chairmanship of the District Collector to address the grievances of the public regarding missing persons. The search and rescue team should search for the missing persons living or dead.

6.14 Animal Care

The animal husbandry departments with necessary equipments in case of cattle death are there in the affected areas for the disposal of carcass with a view to restoration of public life and result oriented work. Make arrangements to treat the injured cattle. To vaccinate the animals against various diseases. Arrangement for pets and cattle should be made separately.

6.15 Management of Deceased

The Carcasses Disposal team is responsible for the clearing of carcasses after the disaster. The team

should put in all efforts to check spread of diseases by disposing off the carcasses at the earliest and in the right manner. The health department will immediately start the procedure for post mortem of the dead persons as per the rules. Disposal of dead bodies is to be carried to prevent the outbreak of epidemics. Arrangement should be made to issue death certificates of the deceased to the relatives.

6.16 NGOs & Voluntary Organizations

NGOs and voluntary organizations are the first to respond before any outside assistance can reach the disaster site. In certain disaster prone areas a group of young volunteers are being formed and trained to undertake essential tasks which would reduce loss of life and property. NGOs and Voluntary organizations would contribute in the following areas:

- Ensuring communication links both within the community and with the administration.
- Controlling rumors and panic behavior and undertaking confidence building activities. Organizing local work teams for immediate rescue, and relief e.g. cooked food, first aid, and assistance in law and order.
- Assisting the handicapped that need special help.
- Guarding major installations and evacuated properties till the administration takes over.

Sn	Name of the Organization	Contact No.
1	Maharashtra Disaster Management Education and	7767989888
	Training Organization, Kondure, Sawantwadi	
2	Rotary Club, Kudal	02362-222713
	Dr. Ravindra Joshi, Near Kudal Post Office.	
3	Lion's Club, Kudal	02362-222437
	Mr. Ajit S. Bhange, Opp. Police Station, Kudal.	
4	Indian Red Cross Society, Sindhudurg	9422054562
	Dr. Nandan Samant Om Kartavya Sadhan	02362-222105
	Hospital, Kudal	
5	Dr. B. B. Gaitonde Charitable Trust, Banda, Tal.	02363 - 270272/
	Sawantwadi	270160
6	Ajinkya adventures and help organization,	9422434265
	Sawantwadi, Mr.Dinesh Chavhan	
7	Eklavya organization, Bambuli, Kudal	9273926202

List of NGOs

6.17 NSS / NCC Students

The NSS and NCC students' help may be used during disaster for relief and rescue operation of the people. In colleges, such groups are formed and trained every year in disaster management. So, proper coordination should be developed with the college authorities to get timely help from them.

The following table provides the address and the type of group the colleges in Sindhudurg district have:-

Sr.	Name and Address of the College	Tel. Phone	NSS	NCC
No.				
1	Sant Rawool Maharaj College, Kudal	02362-222242	\checkmark	\checkmark
2	Shri Pancham Khemraj	02363-272017	✓	✓
	Mahavidyalaya, Sawantwadi			
3	Balasaheb Khardekar College,	02366-262047	\checkmark	嶨
	Vengurla			
4	S. K. Patil Sindhudurg	02365-252079	\checkmark	\checkmark
	Mahavidyalay, Malvan			

5	Kankavali College, Kankavali	02367-232053	\checkmark	Х
6	S.H.Kelkar College, Deogad	02364-262237	✓	✓
7	Arts and Commerce College, Oros	02362-228392	✓	X
8	Arts, Commerce and Science College Dodamarg	02363-256736	~	Х
9	Aanandibai Raorane Arts and Commerce College Vaibhavvadi	02367-237295	~	Х
10.	Gogate Walake College Banda,Sawantwadi	02363-270316	~	Х
11.	J.B.Naik Arts and Commerce College Sawantwadi	02363-271106	~	Х
12.	Dhuri Arts and Commerce College, Mangaon,Kudal	02362-236492	~	Х
13.	Vinayak Anna Rawool Maharaj College Salgaon, Kudal	02362-232317	~	X
14.	DCTS Arts, Commerce and Science College Talere, Kankavali	02367-240372	~	X
15	Arts and Commerce College Kharepatan, Tal-Kankavali.	02367-242231	✓	~
16.	Arts and Commerce College Phanasgaon, Tal-Deogad	02364-244400	~	Х
17.	Dadasaheb Waradkar Arts and Commerce College Katta, Tal- Malvan	02365-225326	✓	Х
18.	Arts and Commerce College Phondaghat, Tal-Kankavali	02367-245060	~	X
19.	Aachara College of management studies, Tal-Malvan	02365-246044	~	Х
20.	Br.Nath Pai College MIDC Area, Kudal Tal-Kudal	02362- 221207/22118 1	✓	Х

7. RECOVERY AND CONSTRUCTION PLAN

Rehabilitation and reconstruction comes under recovery phase immediately after relief and rescue operation of the disaster. This post disaster phase continues until the life of the affected people comes to normal. This phase mainly covers damage assessment, disposal of debris, disbursement of assistance for houses, formulation of assistance packages, monitoring and review, cases of non-starters, rejected cases, non-occupancy of houses, relocation, town planning and development plans, awareness and capacity building, housing insurance, grievance redressal and social rehabilitation etc.

7.1 Post Disaster Reconstruction and Rehabilitation

Post disaster reconstruction and rehabilitation should pay attention to the following activities for speedy recovery in disaster hit areas. The contribution of both government as well as affected people is significant to deal with all the issues properly.

- Damage assessment
- Disposal of debris
- Disbursement of assistance for houses
- Formulation of assistance packages
- Monitoring and review
- Cases of non-starters, rejected cases, non-occupancy of houses
- Relocation
- Town planning and development plans
- Reconstruction as Housing Replacement Policy
- Awareness and capacity building
- Housing insurance
- Grievance redressal

7.2 Administrative Relief

The district is the primary level with requisite resources to respond to any natural calamity, through the issue of essential commodities, group assistance to the affected people, damage assessment and administrating appropriate rehabilitation and restoration measures.

The district level relief committee consisting of official and non-official members including the local legislators and the members of parliament review the relief measures.

A district is sub-divided into sub-divisions and tahsils or talukas. The head of a sub-division is called the Sub-Division Officer (SDO) while the head of a Tahsil is known as a Tehsildar.

When a disaster is apprehended, the entire machinery of the district, including the officers of technical and other departments, swings into action and maintains almost continuous contact with each village in the disaster threatened area.

7.3 Reconstruction of Houses Damaged / Destroyed

Houses should be reconstructed in the disaster hit areas according to the following instructions:

- Owner Driven Reconstruction
- Public Private Partnership Program (PPPP)
- Under the PPPP the houses are reconstructed by the NGOs for the beneficiaries to be registered in the joint names of the husband and wife.
- All the houses should be insured.
- Owner Driven Reconstruction
- Financial, technical and material assistance provided by the government.
- The designs for seismic reconstruction of houses provided by the government.
- The material assistance provided through material banks at subsidized rates.
- Design of 20 model houses provided to the public to choose from with an option to have one's own design.

7.4 Military Assistance

If the district administration feels that the situation is beyond its control then immediate military assistance could be sought for carrying out the relief operations.

7.5 Medical Care

Specialized Medical Care may be required to help the affected population. Preventive medicine may have to be taken to prevent outbreak of diseases.

7.6 Epidemics

In the relief camps set up for the affected population, there is a likelihood of epidemics from a number of sources. The strategy should be to subdue such sources and immunize the population against them. The public health centres, health departments can practice vaccination drives, public awareness to drink boiled water, use chlorine tablets to purify the water sources.

7.7 Corpse Disposal

Disposal of dead bodies is to be carried out as a part of the operation to prevent outbreak of epidemics. Minimum official requirements should be maintained as it is a very sensitive issue. The following points may be considered by the concerned authorities at the time of corpse disposal:-

- 1. Mass photographs of corpses,
- 2. Consent of the relatives or hand over to them
- 3. Make a panchnama of concerned localities.

7.8 Salvage

A major effort is needed to salvage destroyed structure and property. Essential services like communications, roads, bridges, electricity would have to be repaired and restored for normalization of activities.

7.9 Outside Assistance

During disaster situations, considerable relief flows in from outside, thus there is an immediate need to co-ordinate the relief flows so that the maximum coverage is achieved and there is no duplication of work in the same area.

7.10 Special Relief

Along with compensation packages, essential items may have to be distributed to the affected population to provide for temporary sustenance.

7.11 Information

Information flow and review is essential part of the relief exercises. Constant monitoring is required to assess the extent of damage, which forms the basis of further relief to the affected areas.

7.12 Social Rehabilitation

Disabled persons

- Artificial limbs fitted to affected persons.
- Modern wheelchairs, supportive devices provided.

Children

- Orphaned children are fostered.
- Day centers set up
- Orphanages established.
- Child help lines established.

Paraplegics

- Pension scheme introduced for paraplegics.
- Physiotherapy under continuous supervision of doctors.

Old Persons

- Aged persons given pensions.
- Old Age Homes established.

<u>Women</u>

- Pension sanctioned.
- Women's Livelihood Restoration Project started.
- Self-employment Schemes for Women.

Infrastructure

- Power
- ♦ Water supply
- Public buildings
- Roads and Bridges
- Dams and Irrigation.

8. STANDAR OPERATIONG PROCEDURE

8.1 <u>Standard Operating Procedures</u>

8.1.1 <u>Revenue Department</u>

A. <u>Normal Time Activities</u>

- A map of disaster prone areas in the district, history of the district, geographical conditions occupational details, settlements, rain, irrigation and industries etc.
- Safe alternative routes to utilize during disaster in the disaster prone areas.
- Key officers of all the departments, staff, vehicles and buildings.
- Details of control room arrangement.
- Details of geographical groups and assignment of Zonal Officer.
- Details of food grain storage places in the district and the Fair Price Shops.
- Details of vehicles, boats and equipments available in the district for rescue operation.
- Setting up of communication to communicate the messages from village to village.
- Details of operating systems for District Disaster Management Committee.
- List of NGOs and self help groups and their addresses and phone numbers in the district in the prescribed annexure
- Orientation Training to various District level officers and departments for effective functioning of control room, co-ordinations and operations.
- Details of salt pan workers and fisherman who can become the victims of Disasters and sufficient arrangement to contact the owners of saltpan.
- Special appointments of persons in charge of control room.
- Hazard analysis, seasons, and possibilities of disasters and review of disaster history.
- Review of disaster prone areas, risks, response plan, resource and utility of resources and equipments.
- Strategy for disaster management
- To update the DDMP.
- To check the condition of safe shelter during his visits in the district places and if necessary gets it repaired by co-coordinating with the local authorities, available financial resources and voluntary organizations.
- Repairing of roads and ways leading to safe shelters by co-ordinating with various development plans/schemes.
- Evacuation plan as a part of DDMP.
- To undertake development projects like rural housing, scarcity of relief works, disposal of rainwater and water conservation and water harvesting.
- To co-ordinate scheme for poverty eradication, self-employment and the schemes of other departments.

B. <u>On receiving the warning</u>

- Will review the alarming situation in the meeting of DDMC.
- Assigning the work as to what to be done by which officer in case the disaster hits.
- Will review and have co-ordination task
- Will alert and activate the functionaries' related to early warning and communication looking to the possibilities of disaster and will see that the messages are intimated to the members.
- Distribution of work for operation of round the clock control room.
- Will send the vehicles with mikes and sound system for the areas of top priorities.
- Will instruct all the staff to remain present at their respective places.
- Shifting the people living in low lying areas, seashores, and economically weaker people socially and economically backward families and houseless families to safe places.
- Will workout the arrangements for search and rescue operation, shifting of people and utilization of human resources as per necessity with the help of DMTs and local community through zonal officers.
- Will arrange for temporary shelter for the people evacuated by giving the warning in advance.
- Will provide the vehicles to shift the people to the safer place when necessary.
- Will undertake the operation of forceful evacuation of people if they are not ready to leave even after warning.
- Will arrange for food, drinking water, medicines at temporary shelters and relief camps with the help of local NGOs, doctors, industrial houses, etc.
- Will make in advance preparations for relief activities through local NGOs, industrial houses, and donors over and above normal norms of the relief.
- Will work out the financial estimates for search and rescue and immediate relief.

C. <u>Post Disaster Activities</u>

- Will segregate the villagers and areas victimized by the disaster and activate the DMTs.
- Will start relief activities including emergency relief distribution and work out the strategy of damage assessment and provide the formats for the same and explain to all the staff members.
- Will guide the team members about the payments of relief accident to damage as per the rules and policies of the government before the start of duty.
- Will make arrangements for the transportation and distribution of Govt. relief amount and materials.
- Will make due arrangements to see that there should be no haphazard distribution of relief material so that needy people are not deprived of it.
- Will arrange for drinking water and essential things at community kitchen / relief camps as per the necessity.
- Will work out the primary estimates of the damage.
- Will undertake the rescue operations to save the trapped people through DMTs trained police personnel and swimmers on need base.
- Will requisite more vehicles for rescue work, shifting the people to temporary/permanent dispensary for treatment through DMTs, NCC, Home Guards, Local Police, and Para Military Forces etc.

• Will arrange for identification of the people, who died, maintain the dead bodies till legal procedure is over.

8.1.2 Police Department

A. <u>Normal Time Activities</u>

The Superintendent of Police will co-ordinate the work of disaster management as nodal officer. He will prepare a separate and comprehensive plan of district regarding the department of police and also prepare details of resources as a part of DDMP. He will consider the following in it.

- Details of contacts of all the staff members under the district.
- Maps and statistical data of district areas.
- Resources and human resources useful at the time of disaster.
- Details of police staff and retired officers/staff of the police and the control room.
- Details of functions of staff of the district control room.
- Appointment of the nodal officer in the control room.
- Traffic arrangements towards the disaster affected areas.
- Details of anti social elements.
- Security arrangements at relief camps and food storages.
- Security for the transportation of the relief material.
- Immediate police procedures for human death.
- To assist the authorities for the evacuation of people from disaster affected areas.
- Adequate equipments for communication.
- List of swimmers.
- Wireless stations in the district and communication network.
- To update the related details of Disaster Management Plan.

B. <u>On receiving the warning</u>

- Will contact the district collector.
- Make advance preparation to implement the action plan for search and rescue.
- Will prepare a plan for police personnel for search and rescue.
- Will arrange to communicate the messages through all the equipments of communication and vehicles as per the necessity.
- Will requisite vehicles after obtaining the orders for the same from the district authorities.

C. <u>Post Disaster Activities</u>

- Will arrange law and order against theft in the disaster affected area.
- Will co-ordinate the search and rescue operation through NCC/VTF/NGO.
- Will arrange for security at the relief camps/relief materials storages.
- Will see the law and order is maintained at the time of distribution of relief material.
- Will assist the authorities for evacuation of people to the safer places.
- Will make due arrangements for post mortem of dead persons, and legal procedure for speedy disposal.

8.1.3 <u>Health Department</u>

A . Normal Time Activities

While preparing the DDMP / updating the same, the health department shall take care to include the following particulars carefully.

- A separate plan for disaster management regarding health.
- Arrangements for exchange of information in the control room.
- Appointment of nodal officer.
- Advance arrangements for life saving medicines, insecticides and vaccines.
- Maintenance of vehicles such as ambulance, jeep and other equipments such as generators etc.
- Distribution of work by forming groups of staff during emergency.
- List of private practicing doctors / medical facilities.
- Arrangement for survey of disaster.
- Mobile dispensary units.
- Information regarding proper places for on the spot medical services in various village during disaster.
- Dissemination of information among the people regarding the death, injury.
- Primary information of disaster related relief activities to all the staff members.
- Training to PHC / Community Health Centre staff to prevent spreading of diseases among the people, animals, and advance planning for the same.
- Blood group wise list of blood donors with contact telephone numbers and addresses.
- Training of DMTs regarding first aid.
- To prepare an action plan for the availability of equipments to be useful at the time of disaster management for medical treatment.
- Co-ordination with various government agencies schemes to meet the necessity of equipments in emergency.
- To see that all vehicles like ambulance, jeep and equipments like generators and equipments essential for health care are in working condition.

B. <u>On receiving the warning</u>

- Will ensure the availability of important medicines, life saving medicines, insecticides and if necessary contact for additional supply.
- Round the clock control room at the district level.
- Will send the health staff for duty in their areas as per the plan of disaster management.
- Activate the mobile health units for the post disaster situation.
- Will organize in advance to mobilize the local doctors and local voluntary agency for emergency work.
- Will contact the blood donors for blood donation, on the basis of lists prepared.

C. <u>Post Disaster Activities</u>

- Provide first aid to the injured and shifting of seriously injured people to the nearby hospital.
- Send sufficient stock of medicines to the affected areas immediately.
- Will make arrangements for the available additional health staff in the affected areas deputed by the state authority.
- Will organize to get the insecticides to prevent spreading of diseases.
- Will ensure the purity of drinking water by testing the sources of water.
- Will depute the mobile units for first aid.
- Distribution of chlorine tablets and other necessary medicines from house to house.
- Will shift the seriously injured people to the hospital.
- Will immediately start the procedure for post mortem of the dead persons as per the rules.

8.1.4 <u>Water Supply Department</u>

A. <u>Normal time activities</u>

The water supply dept. shall ensure the following to be included in the DDMP:-

- Setting up of control room and arrangement for the control room operator.
- Assign the responsibility as nodal officer to the Executive Engineer or any other officer.
- Prepare an alternative contingency plan to provide drinking water in case of failure of regular water distribution system during disaster.
- Detailed information of available water resources throughout the district.
- Arrangement of Govt. or private tankers to provide water temporary and immediately.
- Preventive measures for water borne diseases and chlorination of water.
- Availability of safe drinking water in the affected areas.
- Inform the staff about the disaster.

B. On receiving the warning.

- Organize the teams to check the sources of water / drinking water.
- Standby arrangements of tankers for drinking water through tankers or any other available source.
- Will make available chlorine tablets in sufficient quantity and arrange to distribute through DMTs.

C. Post disaster work.

- Implement the alternative contingency plan to provide drinking water in case of failure of regular water distribution systems during disaster.
- Will start work for immediate repairing of water pipes in case of damage.
- Will arrange to check the water tanks, overhead tanks, and pumps, reservoirs and other water resources.
- Will contact the electricity authorities to re-establish the electric supply in case of failure.

- Will provide chlorinated water either by activating group water supply schemes individual schemes or through tankers.
- Will provide drinking water to the relief camps / relief kitchens, shelters etc. through available resources.

8.1.5 <u>Irrigation Department</u>

A. Normal time activities

The irrigation department shall carefully include the following particulars while preparing / updating the DDMP:-

- Contact address and phone numbers of all the staff / officers, vehicles and swimmers of the District.
- Details of irrigation related factors in the district such as rivers, pools canals, large and medium dams, etc.
- Control room arrangements and appointment of Nodal Officer.
- Details of damage prone areas.
- Location of water level gauge station for flood situation.
- To disseminate information /warning to the damage prone areas in case of flood situation.
- Details of immediate action to be taken in case of leakage in large water storage reservoirs.
- Supervision over major storage / reservoirs.
- Very clear explanation of disaster and priorities during disasters to all the staff.
- Effective working of control room at every major dam.
- Enough and ultra modern equipments for communication.
- Periodical checking of Dam /Waste veer, canal –tunnel, roads leading to Dams etc. for maintenance during normal time.

B. On receiving warning

- Ensure that communication equipments like telephone, mobile phone, wireless set and siren etc. are in working conditions.
- Keep the technical and non-technical staff under control, ready and alert.
- Get status report of ponds, dam, canal and small dams through technical persons.
- Will take decision to release the water in consultation with the competent authority and immediately warn the people living in low lying areas in case of increasing flow of water or overflow.
- Keep the alternative arrangements ready in case of damage to the structure of dam / check dam to leakage or overflow in the reservoirs.
- Make due arrangements to disseminate the information about the increasing and decreasing water level whatever it may be to the community, media etc.
- A senior office will remain and work accordingly at large storage reservoirs.
- Will arrange to provide the dewatering pumps, generators, trucks and bulldozers, excavator, boats for search and rescue operations wherever required.

A. Post disaster work.

- Will obtain the clear picture of the condition of all the reservoirs through teams of technical officers.
- Ensure about no overflow or no leakage.
- If overflow or leakage is found, start immediate action to avoid adverse effect to the reservoir as per the action plan.
- If there is no possibility and risk, keep the people and media informed about "everything is safe".
- If overflow or any leakage is found, he will immediately warn the people living in the low lying areas.
- Will take due care for the transportation of drinking water if drinking water is provided through irrigation scheme.
- Will assist the local administration to use boats, dewatering pumps, etc. search and rescue operations.

8.1.6 <u>Agriculture Department</u>

A. <u>Normal time activities</u>

- All the details of his subordinate staff with addresses and phone numbers and resources of irrigation for agriculture in all the villages.
- Details of buildings, vehicles and equipments under his control and list of contractors with vehicles and equipments used by them.
- Maps showing details of agricultural resource laboratory, seed center, agriculture training school with statistical data.
- Details regarding agricultural production, extension, seed growth centers, agriculture university campus, training centers etc;
- Action plan regarding the repair/alternative arrangement in case of agricultural production related facilities are disrupted.
- Will prepare the action plans to avail the technical, semi technical and administrative employees along with vehicles from near by district and taluka offices.
- Will inspect the sub-ordinate offices, other centers and sub-centers under his control, which are damage prone.
- Will prepare a sub-plan for timely and speedy availability of machines and equipments to restoration of the economic activities in case of loss of properties as well as crops.
- ♦ Will maintain the departmental equipments such as diesel generators, dumpers, generator, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, cable wires, fire equipments, de-dusting equipments etc; which can be used during emergency and ensure every 3 months those are in working condition.
- Will prepare a list of public properties related to agriculture in the damage prone areas and will in advance make arrangements to lessen the damage.
- Will take due care to see that the emergency services at hospital, shelters, with special reference to agriculture are not disrupted.

B. On receiving warning

- Will immediately contact the District Control Room and will assist in the work assigned to him as a part of his duty.
- Will ensure that the staff under this control is on duty at the headquarters.
- Will assign the work to his subordinate officers and staff the work to be done regarding agriculture under DDMP and will send them to their sites.
- Will receive instruction from the district liaison officer and will take necessary action.
- Will ensure the availability of resources included in the DDMP and will make due arrangement to get those during emergency.
- Will make groups having vehicles for emergency work and will assign the areas to them.
- Will set up a temporary Control Room for the dissemination of information for emergency work and will appoint a nodal officer.

C .Post Disaster Activities

- Will follow the instruction of the District Liaison Officer.
- Will carry out the duty assigned to him for search and rescue work.
- Will deploy the resources and manpower available to manage the disaster.
- Will review the matters regarding discontinuation of movement for safety measures and will see that it is restarted very soon.
- Will send DMTs with necessary equipments in case the crop is washed away, and if there is water logging in a very large amount.
- Will act in such a way that the human life is restored again speedily and timely in the priority areas.
- Will contact the circle office or central control room if machines equipments, vehicles, man power, technical personnel are required to restore the agricultural activities.
- Will make arrangement to avail the external helps to manage to disaster.
- Will collect the details of loss of crops to send it to the district administration.
- Should have the details of village wise various crops in the district.
- Will prepare a primary survey report of crop damage in the area and will send the same to district control room and also to the administrative head
- Will immediately put the action plan in real action during the emergency.

8.1.7 <u>M.S.E.D.C</u>

A. Normal time activities

While preparing a separate plan regarding M.S.E.D.C /Energy Department will prepare the list of available resource as a part of DDMP. It will include the following:

- Details of the staff members with their contact addresses and telephone numbers.
- Maps showing the power stations, sub-stations, Diversification of Power units (DPs), transformers and major electric lines with detail information.
- Other important details like water supply scheme depending on electricity, drainage

systems, railway stations, bus-depots, ports, strategically important places, army, air force, navy camps, light houses, major hospitals and for that he will check and ensure of electric supply during emergency.

- Prepare an action plan for repairs *I* alternative arrangement in the case of electricity disruption as a part of DDMP.
- Inspect at every 3 months the power stations. Sub-stations etc; which are damage prone.
- The, plan should include for timely supply of electric poles, D.Ps, transformers etc; at the time of line disruption.
- To prepare an action plan for immediate procurement of the required tools and equipments for restoration of electric supply on temporary bases.
- To prepare a list of public properties related to M.S.E.D.C, which are in the damage prone areas and will make advance arrangements to minimize the damage.

B. On receiving the warning

- To contact the District Control Room and assist in their work.
- To ensure that all the employees remain present on duty at the taluka head quarter.
- To assign work to all officers/employees related to M.S.E.D.C.
- Will ensure to make available the resources available and will establish contacts for the same to deploy those at the time of emergency, which are included in the DDMP.
- To consult the District Liaison Officer to discontinue the supply in case of damage in the line or for the safety of the people and property.
- To make groups having vehicles for the emergency work and will assign the areas.
- To immediately set up a temporary control room in the office for dissemination of information during the disaster and will appoint a nodal officer from MSEDC for this work.

C. Post Disaster Activities

- To follow the instructions of the district liaison officer.
- To perform the duties assigned for the search and rescue work.
- To deploy the resources and manpower required for the disaster management.
- To dispatch the task forces with necessary equipments to the place where the electric supply is disrupted and ensures that the same is restarted at the earliest.
- Contact the circle office or the Central Control Room of MSEDC to procure the machines and equipments, vehicles, manpower, technical {personnel for restoration of the electric supply.
- To utilize the external resources and manpower allotted to him in a planed manner for disaster management.
- To immediately undertake the emergency repairing work as mentioned in the action plan.
- To prepare a primary survey report regarding damage in the area and send the same to the district control room and to the own administrative head immediately.
- To make temporary arrangement for electric supply to the places like hospitals, shelter, jail, police stations, bus depots etc; with D.G. sets in.

8.1.8 Public Works Department

A .<u>Normal time activities</u>

- Details of the staff members with their contact addresses and telephone numbers.
- Details of buildings, vehicles and equipment as well as the names of contractors and the vehicles & equipment used by them.
- Maps of the areas in the district with the statistical data related to available resources.
- The position of approach roads and other road of all the villages including bridges, railway crossing etc.
- To strictly observe the rules during the constructions regarding earthquake and cyclone proof materials.
- The PWD will inspect periodically the buildings, residences, high rise buildings under their control.
- Damage prone road bridges and arrangement for their inspections
- Action plan for emergency repairs.
- Will appoint an officer of the rank of Assistant Engineer to coordinate during emergency at the District Control Room.
- ♦ Will maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers excavator, de-watering pumps, generators, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters etc; which can be used during emergency and will quarterly check up these to ensure in working condition.

B. <u>On receiving the warning</u>

- Will immediately contact the District Control Room for assistance.
- Will ensure that all the staff members remain on duty at the headquarters.
- Will send the officers and the staff assigning them specific duties for the DDMP
- Undertake all the action for the disaster management required to be done by the PWD after receiving instructions from district liaison officer.

C. <u>Post Disaster Activities</u>

- Will follow the instructions of the District Liaison Officer
- Will remain active for search and rescue activities
- Will provide all the available resources and manpower for disaster management.
- Will mobilize the service of technical personnel for the damage survey work to help the district administration
- Will prepare a primary report of damage in the affected area within 12 hrs/24 hrs looking to the emerging situation
- Will make arrangements for electricity, water, and latrines in the temporary shelters. Will also inspect the approach roads leading to the temporary shelter and repair the same if so required.

8.1.9 <u>Telephone Department</u>

A. <u>Normal time activities</u>

- Details of the staff members with their contact addresses and telephone numbers.
- Details of buildings, vehicles and equipments including the contractors and the vehicles and equipments used by them.

- Maps showing the details of telephone exchanges, D.Ps, important telephone lines, hot lines, telex lines, microwave towers with statistical data.
- Details of telephone numbers of water supplies, Control Room, hospitals, drainage system, railway stations, bus depots, strategically important places, ports, Army, Air force, Navy camps, Jail, Police Station and other sensitive places, light houses, major industrial units, and other communication channels which can be used during emergency.
- Action plan for repairs/alternative arrangement in case of disruption of telephone line and microwave towers.
- Inspect the telephone exchanges/sub-exchanges in the damage prone area at every 3 months.
- To appoint an officer not below the rank of telephone inspector to co-ordinate the district control room during emergency.
- To maintain the equipments such as diesel generators, dumpers, generator, cutters, tree cutters, ladder &, ropes, flood lights, shovels, axes, hammers, RCC cutters, cable wires, fire equipments, etc; which can be used during emergency and ensure every month that these are in working condition.
- To ensure that the telephone lines at the shelters, emergency hospitals, police stations, control room and other places of emergency services, which can be used during disaster, are not disrupted.
- To prepare a list of public properties related to the telephone department which are in damage prone areas and will make arrangements to lessen the damage.

B.On receiving the warning

- To contact the District Control Room and assist in the work.
- To ensure that the staff are on duty at the headquarters.
- To assign work to the subordinate officers as per the DDMP and send them to the sites.
- To receive the instructions from the District Liaison Officer and to do the needful.
- To ensure availability of resources included in the DDMP and establish contacts for the same during emergency.
- To setup a temporary control room for the exchange of information for emergency work and will appoint a nodal officer.

C. Post Disaster Activities

- To follow the instructions of District Liaison Officer.
- To perform the duties assigned for search and rescue work.
- To deploy the resources and manpower available to manage the disaster.
- To review the situation regarding disconnected telephone lines due to safety measures and reestablish the communication network as soon as possible.
- To send the Disaster Management Teams with the necessary equipments for restoration of the telephone lines speedily where the lines are disrupted and to such places, which are strategically important.
- To make arrangements to obtain external help to manage the disaster.

- To prepare a primary survey report of damage and to send the same to the District Control Room and also to the administrative head within 6 hours.
- To arrange for temporary hotline services or temporary telephone connections at the District Control Room, hospitals, shelters, ports, jails, police station, bus depots, etc.
- To immediately undertake the emergency repairing work.
- To make an action plan to avail immediately and timely, telephone poles, D.Ps, transformer to the established the communication system.
- To prepare an action plan to avail temporarily, technical personnel from the near by district, staff and vehicles from the district office which are not affected in consultation with the district authority.

8.1.10 Animal Husbandry

A. <u>Normal time activities</u>

- Addresses of members with telephone numbers.
- Details of veterinary centers, artificial insemination centers, veterinary dispensary, veterinary colleges' buildings, vehicles, mobile dispensaries and equipments and also the details of vehicles and equipments used often by out source.
- Maps showing the details of animal breeding laboratories, animal vaccination centers, animal husbandry training school with statistical data.
- Details of essential facilities to be provided at sensitive place such as important animal husbandry centers, veterinary college campus, training center etc;
- Arrangement of repairs/alternative arrangements in case the facilities related to animal husbandry and veterinary services are disrupted.
- To make arrangements to necessary medicines, vaccines and other material, for treatment of animals.
- To collect the details of cattle in each village of the taluka, details of safe places for the treatment of animal, milk dairies, other private veterinary doctors and facilities related to it.
- To appoint an employee not below the rank of livestock inspector to coordinate the District Control Room during emergency.
- To maintain the equipments available such as stands to keep animals, sharp instruments, insecticides, diesel generators, dumpers, generator, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, cable wires, fire equipments, dedusting equipments etc; which can be used during emergency and will also ensure that they are in working condition.
- To see that essential services related to animal husbandry and
- Veterinary services are not disrupted at the time of emergencies.
- To prepare a list of public properties related to animal husbandry, which are damage prone areas and will make advance planning to lessen the damage.

B.<u>On receiving the Warning</u>

- To immediately contact the District Control Room and will assist in the work.
- To ensure that the staff is on duty at the headquarters

- To assign the work to be done to the subordinate officers and staff and send them to their sites.
- To receive instructions from the district liaison officer and do the needful.
- To ensure the availability of resources included in the DDMP and will make necessary arrangements to obtain those during emergency.
- To consult the Liaison Officer to prevent the probable epidemic among the cattle and also for the safety measures.
- To make groups having vehicles for emergency work and will assign the areas to them.
- To set up a temporary control room for the exchange of information for emergency work and will appoint a nodal officer.

C. Post Disaster Activities

- To follow the instruction of the District Liaison Officer.
- To carry out the duty assigned to him for search and rescue work.
- To deploy the available resources and manpower to manage the disaster.
- To review the matters to restart the milk collection activity where it has been closed for security measures.
- To send DMTs with necessary equipments in case of cattle death are there in the affected areas for the disposal of carcass with a view to restoration of public life and result oriented work. To arrange to treat the injured cattle.
- To contact the State Director of A.H. if additional equipments vehicles, manpower, technical personnel etc; are required for restoration of the cattle related activities.

8.1.11 State Transport

A. Normal time activities

- Details of the staff with contact numbers, details of bus drivers, conductors, mechanical and supervisory staff.
- Details of location of buses in all the areas of the district available round the clock.
- Details of fuel arrangements for buses for emergency work.
- Do's and Don'ts to be observed strictly during emergencies and details of priorities should be given to the staff.
- Arrangement for additional buses for evacuation of people from the affected areas.
- Details of buildings, vehicles and equipments under his control and list of contractors with vehicles and equipments used by them.
- Map showing S.T. depots, pick up stand, control point, S.T. garages and important routes with equipments of communication, telephone line, telex lines, megaphone, amplifiers with statistical data.
- Details of important telephone numbers of water supply schemes, control room hospitals, drainage system, railway stations, bus depots, strategically important places, ports, Army Air force Navy camps and other sensitive places, light houses, major industrial units, and other communication channels which can be used during emergency/calamity.
- Action plan regarding repairs/alternative arrangement in case of disruption of transport services.
- Alternative routes for the transportation and road network.

- To inspect the damage prone S. T. Depots, pick up stand, control points, garages etc; at the frequency of every there months.
- To plan out for restoration of goods transportation in case of damages observed, to the buses & parcel van.
- To prepare an action plan to procure temporary buses, the technical personnel from the near by district which are not affected.
- To maintain the equipments available such as cranes, diesel generator, earth over machines, de-dusting pumps, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, etc. which can be used during emergency and will ensure that those are in the working conditions.
- To take due care to see that the transportation at shelters and emergency hospital is not disrupted during calamities.
- To prepare a list of public properties related to transport department, which are in the damage prone area and will arrange in advance to minimize the damage.

B. On receiving the warning

- To set up a temporary special control room and information center at the main bus station.
- To immediately contact the district control room and will assist in the work.
- To ensure that the staff at the headquarter is on duty.
- To assign the work to be done by the subordinate officers and staff regarding transportation under DDMP and to send them to their sites.
- To receive instructions from the district liaison officer and will do the needful. To ensure for not allowing passenger buses to move out of the S.T. Depots during final warnings of cyclone, flood etc; to take safety measures for passengers who cannot return back to their home.
- To ensure the availability of resources included in the DDMP and will make due arrangements to get those during emergency.
- To consult the Liaison Officer to close the transportation in the damage prone areas for the safety of the people and the property.
- To make groups having vehicles for emergency work and will assign the areas to them.
- To set up a temporary control room for the dissemination of information for emergency work and will appoint a nodal officer.
- To make available the sufficient number of S.T. buses to the state administration for the evacuation of the people to safe places from the disaster prone areas.
- To assist the administration to send the messages of warning to the remote areas through the drivers/conductors on transport routes.

C. Post Disaster Activities

- To follow the instructions of District Liaison Officer.
- To carry out the duty assigned for search and rescue work
- To engage the resources and manpower available to manage the disaster.
- To review the matter regarding closing of movement of buses for safety reason and see

that those are restarted very soon.

- To send DMTs with necessary equipments if the transportation is disrupted.
- To contact the District Control Room if additional equipments, vehicles, manpower, technical personnel, which are required to restore the transportation related activities.
- To prepare a primary survey report on damage in the area and will send it to the district control room and also to the administrative head within 6 hours.
- To make temporary arrangement of transportation for control rooms, hospitals, shelters, bus depots etc.
- To immediately undertake repairs needed at the bus stations.
- To collect the details of roads, damaged and will get them repaired in co-ordination with competent authority and will restore the bus services.

8.1.12 Forest Department

A. Normal time activities

- Addresses of members with telephone numbers.
- Details of veterinary centers, artificial insemination centers, veterinary dispensary, veterinary colleges' buildings, vehicles, mobile dispensaries and equipments under his control and also the details of vehicles and equipments used often by out source.
- Maps showing the details of area with statistical data.
- Approach roads under forest department and their condition including bridges, causeways, railway crossing etc.
- Inspection of damage prone roads, bridges, check dams, causeways, under forest department
- To inspect periodically the buildings, residencies, high causeways under forest department
- To maintain the equipments available such as sharp instruments, insecticides, diesel generators, dumpers, generator, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, cable wires, fire equipments, de-dusting equipments etc; which can be used during emergency and will also ensure that they are in working condition.
- To take care of public shelters, other places to be used for evacuation with primary facilities like water
- To prepare a list of public properties in the damage prone forest areas and will make advance arrangements to lessen the damage.

B. On Receiving the Warning

- To immediately contact the district control room and will assist in the work.
- To ensure that the staff at the headquarter is on duty.
- To assign the work to be done by the subordinate officers and staff regarding transportation under DDMP and to send them to their sites.
- To arrange for wireless, telephones, manpower, forest guard in advance to disseminate information of the disaster in the damage prone areas and will play a key role with the district administration to warn the public.

• To make in advance arrangement for fuel wood and bamboos for priority areas.

C. Post Disaster Activities

- To follow the instructions of District Liaison Officer
- To carry out the duty assigned for search and rescue work.
- To engage the resources and manpower available to manage the disaster.
- To prepare a primary report of damage for the affected areas.
- To take actions to provide electricity, water and latrine to the temporary shelters in the forest areas.
- To send task forces with vehicles, tree cutters, ropes, flood light, generator in case of closure of roads due to felling of trees.

8.1.13 Port Office

A. Normal time activities

- Details of the staff with their address and phone numbers, details of port workers, securities, mechanics and supervisory staff. Details of location of ports & jetties in all the areas of the district working round the clock.
- Details of fuel arrangement for ships-mechanized launches at the time of emergency.
- Do's and Don'ts to be observed during emergencies and details of priorities should be given to the staff.
- Set up for evacuation of people from affected area of the port area.
- Details of buildings, vehicles and equipments and list of contractors with vehicles and equipments.
- Map showing ports, Jetties, light houses, signals, as well as important routes, communication equipments, telephone line, telex lines, megaphone, amplifiers with statistical data.
- Details of important telephone numbers of water supplies, control room, hospitals, drainage system, railway stations, bus depots, strategically important places, Army Air force Navy camps and other sensitive places, light houses, major industrial units, and other communication channels which can be used during emergency.
- Arrangement for transportation & evacuation of people from the affected areas.
- Action plan regarding repairs and alternative ways in case of disruption of transportation.
- Plan showing the alternative routes and arrangement for transportation of goods etc; during emergencies.
- To inspect the port, jetties, lighthouses, signals, pick up stand, garages, control point etc; which are damage prone.
- To make due arrangement for materials to restore the facilities in case the movement of the materials and goods on the ports are damaged.
- To prepare an action plan to avail on temporary bases, the technical personnel from the near by district which is not affected. Will also collect the details of swimmers in the district.
- To make arrangement for sufficient fuel during emergency.
- ♦ To maintain the equipments available such as cranes, diesel generator, earth mover machines, de-dusting pumps, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, etc. which can be used during emergency and will ensure

that those are in the working conditions.

- To take due care to see that the transportation at shelters and emergency hospital is not disrupted during calamities.
- To prepare a list of public properties related to transport department, which are in the damage prone area and will arrange in advance to minimize the damage.

B. On receiving the warning

- To set up a temporary special control room and information center at the main bus station.
- To immediately contact the district control room and will assist in the work
- To ensure that the staff is on duty at the headquarter.
- To assign the work to be done by the subordinate officers and staff regarding transportation under DDMP and to send them to their sites.
- To specifically take action to ensure that the port workers, tourists and fishermen do not move out for fishing as well as sailing during the final warnings of cyclone, flood, etc.
- To evacuate the fishermen and saltpan workers to a safe place and if they deny, to get it done forcefully.
- To ensure that the warning signals are received in time and shown immediately to the people.
- To undertake the work of search and rescue and also the relief work in co-ordination with Navy Coast Guard.
- To ensure the availability of resources included in the DDMP and will make due arrangements to get those during emergency.
- To consult the liaison officer to close the ports and sailing in the sea, which is damage prone or dangerous for the safety of the people as well as the property.
- To assist the administration to send the messages regarding warning to the remote area as well as the coastal areas through the port staff.

C. Post Disaster Activities

- To follow the instructions of District Liaison Officer.
- To carry out the duty assigned for search and rescue work.
- To engage the resources and manpower available to manage the disaster.
- To review the matters regarding closing of movement at the port for safety measures and will ensure that it is restarted very soon.
- To contact the district control room if additional equipments, vehicles, manpower, technical personnel are necessary to restore the port related activities.
- To prepare a primary survey report of damage and send it to the District Control Room and to the administrative head.
- To collect the details of ports, jetties, light houses as well as approach roads connecting the damaged ports and will get them repaired in co-ordination with the competent authority and will help for restoration of the economic activities pertaining to ports.

8.2 <u>Checklist of Various Department</u>

8.2.1 <u>Preparedness Checklist for the District Collector</u>

- Preparation of the DDMAP with the assistance of DDMC.
- Setting up District Control Room.
- Under the DDMP, district level agencies would be responsible for directing field interventions through various agencies right from the stage of warning to relief and rehabilitation.
- At the disaster site, specific tasks to manage the disaster will be performed.
- Collector will be an integral part of the DCR.
- Collector will be assisted by SOC.
- SOC will be headed by a Site Manager.
 Site Manager will co-ordinate the activity
- Site Manager will co-ordinate the activities at various camp sites and affected areas.
- The site Operations Centre will report to the District Control Room.
- The Collector will co-ordinate all the field responses which include, setting up Transit Camps, Relief Camps and Cattle Camps.

8.2.2 Preparedness Checklist for the Police Department

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- Adequate warning mechanisms established for evacuation.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.3 Preparedness Checklist for the Health Department

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- A hospital plan for the facilities, equipment and staff of that particular hospital based on "The Guide to Health Management in Disasters" has been developed.
- Hospital staff is aware of which hospital rooms / buildings are damage-proof.
- ♦ All the staff of the hospital has been informed about the possible disasters in the district, likely damages and effects, and information about ways to protect life, equipment and property.
- An area of hospital identified for receiving large number for casualties.
- Emergency admission procedures with adequate record keeping developed.
- Field staff oriented about DDMP, standards of services, and procedures for tagging.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.4 Preparedness Checklist for M.S.E.D.C

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.5 <u>Preparedness Checklist for Water Supply Department</u>

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- ♦ Adequate warning mechanisms for informing people to store an emergency supply of water have been developed.
- Procedures established for the emergency distribution of water if existing supply is disrupted.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.6 <u>Preparedness Checklist for Irrigation Department</u>

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- Flood monitoring mechanisms can be activated in all flood prone areas from 1^{st} of June.
- All staff is well aware of the precautions to be taken to protect their lives and personal property.
- Each technical assistant has instructions and knows operating procedures for disaster conditions.
- Methods of monitoring and impounding the levels in the tanks evolved.
- Methods of alerting officers on other dam sites and the district control room, established.

- Mechanisms evolved for forewarning settlements in the downstream, vacuation, coordination with other dam authorities.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.7 Preparedness Checklist for Telephone Department

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.8 Preparedness Checklist for PWD

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- All officers are familiar with pre-disaster precautions and post-disaster procedures for road clearing and for defining safe evacuation routes where necessary.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.9 Preparedness Checklist for Agriculture Department

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- Information provided to all concerned officers about the disasters, likely damages to crops and plantations, and information about ways to protect the same.
- The NGOs and the other relief organizations are informed about the resources of the department.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

8.2.10 Preparedness Checklist for Animal Husbandry Department

- The department is familiar with the disaster response plan and disaster response procedures are clearly defined.
- Orientation and training for disaster response plan and procedures undertaken.
- Special skills required during emergency operations imparted to the officials and the staff.
- Reviewed and updated the precautionary measures and procedures, the precautions to be taken to protect equipment, the post-disaster procedures to be followed.
- Hospital staff is aware of which hospital rooms / buildings are damage-proof.
- All the staff of the veterinary hospitals and centers have been informed about the possible disasters, likely damages and effects, and information about the ways to protect life, equipment and property.
- An area of the hospital identified for receiving large number of livestock.
- Emergency admission procedures with adequate record keeping developed.
- An Officer has been designated as Nodal Officer for Disaster Management.
- Sources of materials required for response operations have been identified.

9. MONITORING, EVALUATION AND FUNDS

The existence of a Disaster-preparedness plan plays a vital role during Disasters. The officials then have at their hand, a complete set of instructions which they can follow and also issue directions to their subordinates and the affected people. This has the effect of not only speeding up the rescue and relief operations, but also boosting the morale of affected people.

Disaster plan is also useful at pre-disaster stage, when warnings could be issued. It also proves as a guide to officials at the critical time and precious time is saved which might otherwise be lost in consultations with senior officers and getting formal approval from the authorities.

Keeping all these points in mind the DDMP must be evaluated and updated by the district administration in normal time.

9.1 Plan Evaluation

The purpose of evaluation of DDMP is to determine

- the adequacy of resources
- co-ordination between various agencies
- community participation
- partnership with NGOs

The plan will be updated when shortcomings are observed in

- Organizational structures
- Technological changes render information obsolete
- Response mechanism following reports on drills or exercises
- Assignments of state agencies

Individuals and agencies assigned specific responsibilities within this Plan will prepare appropriate supporting plans and related standard operating procedures, periodically review and update alerting procedures and resource listings, and maintain an acceptable level of preparedness.

9.2 <u>Plan Update</u>

The DDMP is a "living document" and the Collector along with all line departments will update it every year taking into consideration

- The resource requirements
- Update of human resources
- Technology to be used

• Co-ordination issues

An annual conference for DDMP update will be organized by the Collector. All concerned departments and agencies would participate and give recommendations on specific issues.

The new plan is handy and precise. It is so designed that it will definitely help the officials to take quick actions during the disaster.

9.3 Budget and other financial allocations

(According to ACT No. 53 of 2005 – the Disaster Management Act, 2005, Chapter IX, Finance, Account and Audit.)

48-Establishment of funds by the State Government

The State Government shall immediately after notifications issued for constituting the State Authority and the District Authorities, establish for the purposes of this Act the following funds, namely :-

- a) the fund to be called the District Disaster Response Fund;
- b) the fund to be called the District Disaster Mitigation Fund;

50 - Emergency procurement and accounting

Where by reason of any threatening disaster situation or disaster, the National Authority or the District Authority is satisfied that immediate procurement of provisions or materials or the immediate application of resources are necessary for rescue or relief, -

- a) it may authorize the concerned department or authority to make the emergency procurement and in such case, the standard procedure requiring inviting of tenders shall be deemed to be waived;
- b) a certificate about utilization of provisions or materials by the controlling officer authorized by the National Authority, State Authority or District Authority, as the case may be, shall be deemed to be a valid document or voucher for the purpose of accounting of emergency, procurement of such provisions or materials.

9.4 Linking with the development plans.

Disaster management is no more confined to revenue department. It is a subject of all the departments. The following activities have been considered in mainstreaming it into development activities.

- 1. The Disaster Management has been included in school curriculum at CBSE level.
- 2. The Disaster Management is also made compulsory to NSS / NCC students at college level. So that during disasters they can be called upon for certain help.
- 3. Various Disaster Management courses have been offered in different institutions, colleges, universities taking its significance into account.
- 4. In construction work the civil engineers have to follow Bureau of Indian Standards (BIS) to construct resistant structures.
- 5. Special budget at district, taluka and village level should be allocated for training of various teams against disaster, purchasing of equipments to save the life and property of the people, organizing mock drills to create awareness among the people, updating the disaster management plans, etc.
- 6. Government officers, staff are also trained under disaster management, so that their skill will be helpful at the time of disaster.
- 7. Earthquake resistant principle may be followed in Indira Awas Yojana, lifeline structures, all buildings may be insured by bank, private companies.
- 8. At district, taluka and Panchayat level the plan should be adopted to reduce the risk and vulnerability in various activities.
- 9. Fund allocation should be made by Zilla Parishad, Panchayat Samiti and Gram Panchayat to carry out the following DRM activities:
 - a) To train Serach and Rescue, First Aid groups
 - b) To create awareness among the people
 - c) To procure search and rescue materials
 - d) To evacuate and set up temporary shelter for disaster victims

<u>10. IMPORTANT TELEPHONE NUMBERS (DIRECTORY)</u> <u>Control Room of Major Departments</u>

<u>1. State Control Room</u>

Department	Address	Telephone
Control Room Mantralaya	Mantralaya Control Room,Mumbai	022-22027990, 22854161 Fax-022-22020454
Chief Secretary, Maharashtra	Mr Swadhin Kshatriya Mantralaya,Mumbai	022-22025042 / 22028762 Fax-022-22028594
Additional Chief Secretary	Smt.Malini Shankar	022-22025274
Director Disaster Management Unit ,Mantralaya, Mumbai	Mr.Suhas Divase Director ,Disaster Management Unit Mantralaya,Mumbai	022-22026712
Div commissioner office,konkan Bhawan	Konkan Bhavan,Belapur,Mumbai	022-27578003 fax-022-27571516
NDRF, Pune	NDRF Commander mail- 145crpf@gmail.com	02114-231245/fax- 231509 9423506765
Indian Meteorological Department	Indian Meteorological Department, Mumbai	022-22150517/22151989 Fax-022-22150517

Control Room of Major Departments

Department	Address	Telephone	
Revenue	Collectorate, Sindhudurgnagari, Oras	02362- 228847/228844/228845/ Fax- 02362- 228589	
Police	Sindhudurgnagari,Oras	02362-228200 / 228201/228204	
Civil Hospital	Sindhudurgnagari,Oras	02362-228900/228901	
Zilla Parisad	Sindhudurgnagari,Oros	02362-228807	
Irrigation	South Konkan Irrigation Project Division Tillari Head work Division, Konalkatta Tillari Canal division Charathe	02362-228563/228564 02363-253042 02363-272213	
National highway	SDO National Highway Sawantwadi SDO Kharepatan	02363-275575 02367-242243	
	Executive Engineer Kudal	02362-244905 /222487 7875765132	
MSEB	Executive Engineer Kankavali	02367-230113/233545 7875765014	
S.T	Divisional Controller S.T. Kankavli	02367-232207 / 232050/233553 9850298800	
	Executive Engineer Sawantwadi	02363-272214	
PWD(B&C)	Executive Engineer ,Kankavli	02367-232124	

2. MP and MLA, Sindhudurg

1	Shri.Deepak Kesarkar	Guardian Minister and Minister of state Home(Rural), Finance &Planning		(02363)273712	
2.	Shri Vinayak Rawoot	MP (Lok sabha)	9820400219	022- 26672759/266802742	
3	Shri. Vaibhav Naik	MLA	9422373515	02367-232535 (O)	
4	Shri. Nitesh Rane	MLA		022-26053280/63	
5	Shri. Narayan Rane	MLC		022-26053280/63	
	Sindhudurg ZP President				
1	Shri.Sangram Prabhugaokar	ZP President	(02362) 2228817/13	9423511015	

3. Revenue and Police Control Rooms at Taluka Level

Taluka	STD Code	Revenue	Police
Deogad	02364	262204	261333
Vaibhavawadi	02367	237239	237133
Kankavli	02367	232025	232033
Kudal	02362	222525	222533
Sawantwadi	02363	272028	272066
Malvan	02365	252045	253533
Vengurla	02366	262053	2963433
Dodamarg	02363	256518	256650

4. Key Officers in the District

Department	Name & Designation	Office telephone	Residence Telephone	Mobile No.
Revenue Collector/DM	Shri. Uday Chaudhari , (I.A.S.) Collector/DM, Sindhudurg Email- collcol.si-mh@nic.in	(02362) 228844	229029	9209195661
Addl Collector	Shri. Ravindra Sawalkar , Addl. Collector/ADM, Sindhudurg colladc.si-mh@nic.in	(02362) 228855	228680	9422436300
Resident Deputy Collector	Shri Vijay Joshi RDC/ADM, Sindhudurg Email-collrdc.si- mh@nic.in	(02362) 228845		9423049213
SDO, Kankavli	Smt. Nita Sawant skansdo.si-mh@nic.in	(02367) 232092		9421118446
SDO,Sawantw adi	Shri.V.G.Inamdar ssawsdo.si-mh@nic.in	(02363) 272029	272029	8888992288
SDO,Kudal	Shri. Vikas Suryavanshi	(02362) 223325	-	9892868065
Zilla Parisad	Shri Shekhar Singh Email -ceozpsindhudurg@gmail. com	(02362) 228807	2228688	8806946449
	Shri . Ramchandra Joshi , Addl. CEO	(02362) 228999	228263	9423025189
Home	Shri. Amogha Gaonkar (IPS),S. P. Sindhudurg Email- sp.sindhudurg@mahapolic e.gov.in	(02362) 228201	228211	
	Shri.Prakash Gaikwad , Additional SP, Sindhudurg	(02362) 228225	228212	9823943123
Home Guards	Shri.Prakash Gaikwad	(02362) 228831	-	9823943123
Forest	Shri S.Rameshkumar	(02362) 272005		9405431100

Health PWD(B&C)	Dr. S.V.Kulkarni, Civil Surgeon, Civil Hospital Email - cssindhudurg@yahoomail. com Dr. Y.R.Sale,DHO(ZP) Email - idspsindhudurg@rediffmai l.com Shri. S.S.Bacche [Executive Engineer] Sawantwadi Division Email - sawantwadi.ee@mahapwd.	(02362) 228900 (02362) 228842 (02363) 272214	272214	9823070351 7719986661 8805237777
	com <u>Shri.P.S.Vhatkar.</u> [Executive Engineer] <u>Kankavli Division Email</u> <u>-kudalkankavali.ee@maha</u> <u>pwd.com</u>	(02367) 232124	232160	9423806481
Irrigation	Shri.M.J.Naik, SE Dakshin Konkan Patbandhare Prakalp, Sindhudurg	(02362)22856 3/228564		9422544625
Irrigation	Shri.Sale D.B.Executive Engineer] Tilari Head Work Division, Konalkatta Dodamarg Email - eethwd1@yahoo.in	(02363) 253042		9422628586
	Shri Sale D.B. [Executive Engineer], Tilari Canal Charathe	(02363) 272213		9422628586
	Shri. M.U.Girase, Exe.Engineer Talamba Div. Ambadpal	(02362) 244251		9421303675
	Shri.R.M.Sakpal, Executive Eng. Medium Project Div. Ambadpal	(02362) 244241		9404161661
	Shri.R.G.Wadkar, Executive Eng. Minor Irrigation Department,Sindhudurg Nagari	(02362) 228717		9421065897
District Info Officer	Shri.Bandivadekar DIO Email- diosindhudurg@gmail.com	228859		9405783506
Port Department	Mr.S.R.Vengurlekar Port Inspector	02366-262014		9404163507

Fishery Department	Mr.Pradip Vasta	02365-252007	9420380529
BSNL Sawantwadi	B.S.Biradar	(02363)27400 0/271967	9422055552

MSEB, Kudal	Shri K.P.Lavekar, Ex engg	244905/fax2223	7875765013
	Kudal	79 /222487	7075765014
	liShri S.H.Mane,Ex engg	230113/23354 5	7875765014
	Shri S.Inamdar Asst engg	223521/280932/ 228262 /	7875765161
Sub div off, vengurla	Shri.M.N.Ravi Asst engg	252048(02366)	7875765142
Sub div off,malvan	Shri.M.M.Munde	252043/202510(02365)	7875765083
Sub div sawantwadi	Shri P.Ware	271234 (02363)	78757665143
Sub div Dodamarg	Shri.S.H.Shetake	256903 (02363)	7875765172
Sub div Devgad	Shri J.Katkar	262248 (02364)	7875765089
Sub div vaibhvwadi	Shri S.K.Lote	237242 (02367)	7875655084
Sub div Achara	Shri K.B.Singh	246733 (02365)	7875765086
Ports,Vengurla	Shri S R Vengurlekar, RPO	262014/26207 7	9404163507
Kiranpani,Sawa twad i	nShri A.R.Gosavi,Asst.port Insp	204351(02363)	9420210064
Redi	Shri R.J.Patil,Port Insp	268232 9(02366)	9404776817
Vengurla	Shri.A.A.Tamhankar,Port Insp.	262069(02366)	9423302398
Nivati	Shri .A.A.Tamhankar,Port Insp.	280831 (02366)	9028342025
Malvan	Shri.V.K.Yainkar,Port Insp	252033 (02365)	9764555776
Aachra	Shri S S Kambli, ,Asst.Port Insp	246101 (02365)	9403351774
Devgad	Shri S.Kuntekar,Asst.Port Insp	262258(02364)	8411932724
Vijaydurg	Shri. R.N.Gawar,Port Insp	245234(02364)	9421144019
Jaitapur, Ratnagiri	Shri U.R.Mahadik,Asst.Port Insp	02353-224223	9422436627
Purngad, Ratnagiri	Shri R.N.Gawar,Asst.Port Insp	02352-239208	9421144019
Supply	Shri.S.Jadhav,Tahasildar	02362-228846	7775820593
S T,Kankavli	Shri C.R.Hasabnis Div contllr	02367-232122	9850298800
Sawantwadi	Shri A.Patil	272060(02363)	9975106909
Vengurla	Shri G.S.Chavhan	262178 (02366)	9422260642
Kudal	Shri Chavhan	222560 (02362)	9405929708
Malvan	Shri Bhogare	252228 (02365)	8275919869

Devgad	Shri Patil	262203(02364)	9765969750
Kankavali	Shri.P.A.Yadav	232043(02367)	9422392540
NH Sub division ,Sawantwadi	Shri Anil Aavati Sub Div Officer	_	9422433969
	Smt. Valavi		7507244683
NH Sub division Kharepatan	Shri Otavanekar Sub Div Officer	(02367)242243	9422055297
NHAI,pavshi- Akeri	Shri Kumavat		9867218146

5. List of Deputy Collectors

Sr	Name	Department	Office no.	Cell no.
no		_		
1	Shri .Vijay Joshi	Resident Deputy Collector	228845(02362)	9890040300
2.	Shri.Sharadchandra Shirodkar	Deputy Collector (GEN)	(02362)228944	9422633500
3.	Shri Khade	Election department Email- dydeosindhudurg@gma il.com	228854 (02362)	9423957999
4	Shri.V.G.Inamdar	Employment Gurantee Scheme(EGS) dycollsindhudurg@ma hmgnrega.com	228851	8888992288
5.	Dr.Deepa Bhosale	Land acquisition, district HQ	228080	9657129854
		Land acquisition building and communication	228095	9422833394
6.	Smt.Supriya Bagayatkar	Rehabilitation, Email – drosindhudurg@gmail. com	228001	9420823346

6. Key Officers of Zilla Parisad, Sindhudurg

S	Name	Designation	STD Code	Tel. Off.	Residential/M
r.					obile
Ν					
0.					

1	Shri.Shekhar Singh	Chief Executive Officer(CEO),Zilla Parishad, Sindhudurg	02362	228807	228688 / 8806946449
2	RAMCHANDRA JOSHI	Addl. CEO	02362	228999	9423025189
3	SUNIL REDKAR	Project Director(DRDA)	02362	228723	9422379246
4	SHRI . SUNIL REDKAR	Dy. CEO(Gen)	02362	228817	9422379246
5	Shri KAMLAKAR RANDIVE	Dy. CEO(G.P.)	02362	228796	9730984504
6	Shri S.D Rasal	Dy. CEO(Woman & Child Welfare)	02362	228619	9175044909
7	Shri. GAJANAN GANBAVLE	Education Officer (Pri.)	02362	228770 / 228863	9422609818
8	Shri RANGRAO KALE	Education Officer (Sec.)	02362	228737	9172433566
9	Shri. PRAKASH KHANDEKR	Executive Engg. (works)	02362	228819	9822313648
1 0	Shri. Sunil Kale	Executive Engg. (MI)	02362	228793	9850822809
1 1	Shri. Sunil Kale	I/C Executive Engg. (RWS)	02362	228094	
1 2	Dr. Shri. Yogesh Sale	District Health Officer	02362	228842	7719986661
1 3	Shri. S.N Mhetre	Agri. Dev.Officer	02362	228718	228523 / 9422410653
1 4	Dr. Vidyanand Desai	Dis. Vet nary Officer	02362	228719	9421178384
1 5	Shri. KAMLAKAR RANDIVE	I/C Social Welfare Officer	02362	228741	9730984504

2	Dr Y.B.Kambale	Dist TB Officer	02362	228728	9960549704
0					

7. Tahsildars & RNTs

Designation	Taluka	STD Code	Tel. Off.	Mobile
Shri.Santosh Jadhav Tahsildar Shri.S.R.Kulkarni RNT	Vaibhavw	02367		7588268491
Email – <u>tvaitah.si-mh@nic.in</u>	adi	02307	237239	9860796257
Shri.Amol Pawar Tahsildar	Vengurla	02366	262053	9527576919
Smt.Priyanka Lokhande RNT Email-tventah.si-mh@nic.in				9822566075
ShriVirdhaval Khade Tahsildar	Malvan	02365	252045	9657006599
Shri. S.P.Khadapkar , RNT				9422373393
Email-tmaltah.si-mh@nic.in				
Smt.Vanita Patil	Deogad	02364	262053	9403850312
Shri. M.D.Tarpe,				8888314425
RNT Email-tdevtah.si-mh@nic.in				
Shri. Satish Kadam Tahsildar	Sawantwa	02363	272028	8108417087
Shri.N.D.Vengurlekar RNT	di	02505	272020	9423053483
Email- tsawtah.si-mh@nic.in	ui			9 123 033 103
Smt.Shweta Patole Tahsildar	Dodamarg	02363	256518	9561199269
Shri.Ravindra More RNT	_			9923577082
Email- tdodtah.si-mh@nic.in				
Shri. Ajay Gholave Tahsildar	Kudal	02362	222525	9960837325
Shri. T.N.Mathakar				7875327877
RNT				
Email- <u>tkudtah.si-mh@nic.in</u>				
Shri. Rajput Tahsildar	Kankavli	02367	232025	9404993503
Email-tkantah.si-mh@nic.in				
<u>Eman</u> ikantan.si-miligine.m				

8.Block Development Officers (BDO)

Designation	STD Code	Tel. Off.	Mobile
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Shri. Rajendra Anant Paradkar, BDO, Malvan Email-	02365	252029	9422434629
Shri. Rajendra Anant Paradkar, Additional Charge, BDO Kankavali	02367	232026	
Shri. V.M.Naik, BDO, Kudal	02362	222210	9422393542
Smt.Madhuri Parit , BDO, Vengurla Email-	02366	262052	9420777524
Shri MOHAN BHOI BDO, Sawantwadi Email-	02363	272026	9423053775
Shri.Milind Jadhav , add. Charge , BDO, Vaibhavwadi Email-	02367	237230	9403838170
Shri., Vijay Chavan BDO, Deogad Email-	02364	262207	9422065222
Shri. Siddharth Aajvelkar BDO, Dodamarg Email-	02363	256724	9822943036

9. Nagar Parishad Officers

1	ShriVijaykumar Dvase, Sawantwadi Email- cosmc.sawantwadi@yahoo.com	02363	272044	9405001271
2	Shri.Ramdas Kokare Vengurla Email- vmcvengurla@rediffmail.com	02366	262027	9823229033
3	Smt. Ranjana Gage Malvan Email- comalvan@gmail.com	02365	252940	
4	Shri.Avadhut Tavade Kankavli Email-kankavli@gmail.com	02367	232007	9765871546

10. Dy. Engineer, Bandhakam (Zilla Parisad)

Designation	STD	Tel. Off.	Mobile
	Code		

Shri. P.S.Katkar, Dy. Engg, Sawantwadi	02363	272121	9420498003
Shri S.D.Mohite Dy. Engg, Kankavli /Vibhavvadi/Deogad	02367	232204	9423829572
Shri. J.D.Kambale Dy. Engg, Kudal &Vengurla	02362	222774	9404223097
Shri. S.D.Mohite, Dy. Engg, Deogad	02364	262380	9423829572
Shri R.G. Kokate. Dy. Engg, Malvan	02365	252101	9423302261
Shri. Dy Engg, Vaibhavwadi	02367	237233	

11. Dy. Engineers (Minor Irrigation, ZP)

Name	Taluka	STD Code	Tel. Off.	Mobile
Shri. R.B.Bangade	Devgad,Vaibhavw adi	02367	237587	9423420044
Shri. L.M.Dubale	Sawantwadi,Doda marg,Vengurla	02366	262082	9422565100
Shri.R.B.Bangade	Malvan,Kankavli	02365	252008	9423420044
Shri M.N.Chodankar Dy ex engg	Oras	02362	228793	9403876755
Shri.V.R.Nanal	Kudal	02362	222689	9423052883

12.Dy. Engineers (Rural Water Supply, ZP)

Name	Taluka	STD Code	Tel. Off.	Mobile
Shri. O/K/Hedavu	Kankavli	02367	232242	9422134484
Shri. V.G. Walake	Deogad	02364	261667	9423302426
Shri S.H.Ubale	Sawantwadi	02363	275828	9422857570
Shri. S.H.Padate	Sindhudurgnagar i	02362	228049	9422374176

13.Major District Level Departments & Telephone Nos.

Department	Telephone
R.T.O.	02362-222050
Dist. Industries	02362-228705
Dist. Information & Public relation Office	02362-228859
MSEB	02362-223521

BSNL	02363-274000
Port office, Vengurla	02366-262014
Harbor	02362-228828
Nehru Yuva Kendra	02362-228848
Social Welfare	02362-228882
Suptd. State Excise	02362-228839
Employment office	02362-228835
Town Planning	02362-228864
Sainik Welfare	02362-228820
Dist. Sport Office	02362-228885
Suptd. of Agriculture Officer	02362-228708
Dist. Malaria officer	02362-228868
MIDC Project Officer	02362-228785
Sr. Geologist GSDA	02362-228713
Govt. Labor Officer	02362-228872
Dist. Coordinator, NABARD	02362-221750
Asst. Charity Commissioner	02362-228714
Junior District Registrar	02362-228858

14. Railway and Bus Stations

Address	STD Code	Railway Station	Bus Station
Sawantwadi	02363	258315/9422438495	272011
Vengurla	02366	-	262038,262178
Malvan	02365	-	252043
Kankavli	02367	232243/9422438493	232007,232015
Kudal	02362	222604/9422438494	222422
Sindhudurg	02362	228775/9423048347	-
Deogad	02364	-	262228
Vaibhavwadi	02367	255726/9423048345	237226
Banda	02363	-	-
Nandgaon	02367	248509/9423048346	-

15. Konkan Railways

Sr	Name	Designation	Cell	office
no				

1	Shri. L.K.Varma	Chief PRO	9004447006	022-27561085
2	Shri. D.S.Lingaraju	Chief commercial manager (Beapur)	9004470391	022-27587394
3	Shri. B.B.Nikam	Regional rail manager (Ratnagiri)	9004447008	02352-228922
4	Shri. Aasim Suliman	Regional rail manager (Karwar)	9945047008	08382-283176

16. List of Govt Hospital in the District

Name & Address	STD Code	Phone	Contract Officers& Mobile No.	Bed Capacity
District General Hospital Oras,Sindhudurg	02362	228901 228654	Dr.S.V.Kulkarni 9823070351 Email- cssindhudurg@yahoomail.com	100
Sub-District Hospital Kankavli	02367	232058 / 233959	Dr. Sushrut Nadkarni -9730582385	100
Sub-District Hospital Sawantwadi	02363	275035/ 272062	Dr.U.B.Patil 9420473718 / 9423240066	100
Sub District Hospital Shiroda	02366	227202	Dr.P.L.Desai 9422632092	50
Rural Hospital Deogad	02364	262253 / 262611	Dr.A.R.Kadam 9421022240	30
Rural Hospital Vengurla	02366	262235	Dr.M.A.Bhandari 9604235869	30
Rural Hospital Pendurkatta	02365	225861	DR.R.V.Godbole 8390049083	30
Rural Hospital Vaibhavwadi	02367	237581	Dr.A.H.Dharne 9403166623	30
Rural Hospital Malvan	02365	252032	Dr.S.E.Panchal 9404483612	30
Rural Hospital Dodamarg	02363	256617	Dr.D.A.Yevale 9763132262	30

Rural Hospital	02362	222483	Dr.P.P.Walawalkar	30
Kudal			9823065040	

<u>17. Govt. Ambulance Services</u>

Address	STD Code	Phone
Rural Hospital, Deogad	02364	262253
Rural Hospital, Vengurla	02366	262235
Sub District Hospital, Kankavli	02367	232058
Rural Hospital, Oras	02362	228901
Rural Hospital, Sawantwadi	02363	275035
Rural Hospital, Shiroda	02366	227202
Rural Hospital, Pendurkatta	02365	225861
Rural Hospital, Vaibhavwadi	02367	237222
Rural Hospital, Malvan	02364	252035
Rural Hospital, Dodamarg	02363	256617
Rural Hospital, Kudal	02362	222483

18. Private Ambulance Services

Address	STD Code	Phone
Maratha Mahasangh, Sawantwadi	02363	273397
EX Serviceman Association	02363	272379
Lions Club Vengurla	02366	262248
Pandhye, Kankavli	02367	232032
Yuvak Mandal, Kankavli	02367	230054
State Bank, Kankavli	02367	232750
Shivsena, Malvan	02365	252580,252030
Dr.Athavle, Deogad	02364	262230,262830

19. List of Blood Banks

Address	STD Code	Phone
District Hospital, Oras	02362	228566
Sub-district Hospital, Kudal	02362	223622
Sub-district Hospital,Sawantwadi	02363	272062
	20 F St t	

20. Fire Stations

Address	STD Code	Phone
Fire Brigade MIDC Kudal		

Municipal Council, Sawantwadi	02363	272404
Municipal Council, Vengurla	02366	262027
Municipal Council, Malvan	02365	252030 / fax - 252940
Municipal Council, Kankavli	02367	232007

21.Police Stations

Address	STD Code	Phone	Mobile
Shri S.T.Patil	02363	272066	9422718100
P. I Sawantwadi			
Shri. M.D.Aabhale	02366	263433	9403388209
P.I., Vengurla			
Shri. A.S.Bodake,	02365	251625	9423044046
Malvan	02365	251625	9423044046
Shri. H.K.Shaha	02367	231033	9923102300
P. I., Kankavli	02307	251055	9923102300
Shri. Bakre	02362	222533	8975765705
A.P.I., Kudal	02302	222355	8973703703
Shri. M.N.Jagtap	02362	228888	9822598995
Asst. P. I., Oras			
Shri.Jayprakash			
Suryavanshi	02364	262777	9922345026
P. I., Deogad			
Shri V.N.Bulbule	02367	237133	
P. I., Vaibhavwadi			9823442599
Shri. R.A.Desai	02363	256650	9422013776
PI, Dodamarg			
Shri.A.S.Gaikwad	02366	228200	9870695500
Asst.P.I. Nivati			
Shri.S.A.Jadhav	02363	270844	9168047202
Asst.P.I Banda			
Shri.N.T.Keram	02364	225333	9403006867
Asst.P.I Vijaydurg			
Shri.M.V.Shinde	02365	246100	9404405174
P.I. Aachara			

22 List of Hospitals in the District

Address	STD Code	Phone
District Hospital, Oras	02362	228566
Sub-district Hospital, Kudal	02362	223622
Sub-district Hospital, Sawantwadi	02363	272062

23. Municipal Councils

Address	STD Code	Phone
Municipal Council, Sawantwadi	02363	272404
Municipal Council, Vengurla	02366	262027
Municipal Council, Malvan	02365	252030
Municipal Council, Kankavli	02367	232007

24. List of Private Hospitals

Sr. No.	Name of Hospital	Location	Phone with STD
1	Jeevan Jyot Hospital	Sawantwadi	02363-275139
2	Sai clinic	Sawantwadi	02363-274631
3	Anand Clinic	Sawantwadi	02363-273445
4	Shri Ganesh Hospital	kudal	02362-221073
5	Om Kartvya Sadhana Hospital	Kudal	02362-222652
6	Dr. G. S. Kulkarni Renuka Hospital	Kudal	02362-223440
7	Swaroop Hospital	Sawantwadi	02363-272291
8	Nagavekar Hospital	Kankavli	02367-232268
9	Dr. Savita Tayshetye	Kankavli	02367-233486
10	Gurukripa Hospital	Kankavli	02367-232507
11	Chaitanya Nursing Home	Tamle, Kankavli	02367-240044
12	Dr. Somvanshi Hospital	Malvan	02365-252020
13	Limaye Hospital	Malvan	02365-252866
14	Kamakshi Nursing Home	Malvan	02365-252134
15	Marathe Hospital	Deogad	02364-262186
16	Savita Hospital	Deogad	02364-262319
17	Dr. Redkar Hospital	Malvan	02365-252115
18	Arawali Vaidyakiya Sewa Kendra	Arawali, Vengurla	02366-227214
19	Dhanavantari Hospital	Mangaon, Kudal	02362-236102
20	Dr. Mhaskar Hospital	Kankavli	02367-232111
21	Mangerish Nursing Home	Dodamarg	02363-277579
22	Anandi Clinic	Vaibhavwadi	02367-237234
23	Dhanvantari Chikitsalay	Trale, Kankavli	02367-240207
24	Gosavi Hospital	Kankavli	02367-232421
25	Dr. Gaitonde Charitable Trust	Banda	02363-270272
26	Rajan Hospital	Kudal	02362-222722
27	Rupali X-ray Clinic & N. H	Vaibhavwadi	02367-237263
28	Athawale Clinic	Deogad	02364-262230
29	Sanjeevani Clinic	Phanasgaon, Deogad	02364-244401
30	Mauli Krupa Hospital	Shiroda	02363-227250
31	Shivam Hospital & ICU	Sawantwadi	02363-274340
32	Shanta Hospital	Kudal	02362-222745
33	Shri Shushrusha Hospital	Kudal	02362-221269
34	Gurukrupa Nursing Home	Kudal	02362-223929

Name	Designation	Taluka	Contact No.	Cell no.
Dr.A.K.Malik	Veterinary Dev. Officer	Kudal	02362-222210	9422548412
Dr. V.M.Patil	Veterinary Dev. Officer	Malvan	02365-252029	9405643961
vacant	Veterinary Dev. Officer	Vaibhavwad i	02367-237230	9420747218
Dr. S.B.Thakur	Veterinary Dev. Officer	Vengurla	02366-262052	9850780070
Dr. V.A.Desai	Veterinary Dev. Officer	Sawantwadi	02363-272026	9421178284
Dr.T.S.Verlekar	Veterinary Dev. Officer	Kankavli	02367-232026	9405783112
DrV.S.Dhekane	Veterinary Dev. Officer	Deogad	02364-262207	9403350757
Dr.V.S.Desai	Veterinary Dev. Officer	Dodamarg	02363-272026	9421178284

25. List of Veterinary Hospitals

26.List of Primary Health Centre

Taluka Vaibhavvadi

Sr. No.	РНС	Medical Officer	Tel.No.	Mobile
1	Vaibhavwadi	DR.G.S.Waghmare	02367-237250	7218397566
2	Umbarde	DR.C.Y.Maharnur	02367-237304	9922915749

Taluka Kankavali

Sr. No.	РНС	Medical Officer	Tel.No.	Mobile
1	Kankavali	Dr.A.A.Chopade .Tal.medical officer	02367-233162	9403942173
2	Kharepatan	DR.J.B.Mandavare	02367-242325	7387111248
3	Kanedi	DR.Ajit A.Phatak	02367-246001	9423319551

4	Phonda	DR.S.J.Jangam	02367-245244	9960501301
5	Kalsuli	DR.K.B.Mithari	02367-252746	9423818738
6	Kasarde	DR.Pranoti M.Ingavale	02367-240239	9420470088
7	Varavade	DR.R.A.Chopade	02367-233162	9403942173
8	Nandagav	Dr.Tanmevadh	02367-248514	9420174427
		DR.J.S.Kirloskar		9420456387

Taluka Devgad

Sr. No.	РНС	Medical Officer	Tel.No.	Mobile
1	Devgad	DR.S.B.Kondake ,Tal.medical officer	02364-261703	9423285282
2	Padel	DR.Umesh S.Patil	02364-225040	9422964485
3	Mond	DR.S.N.Mane	02364-246875	9422352874
4	Phanasgaon	DR.Megha Kasardekar	02364-244412	9890319159
5	Mithbav	Narayan S.Gogate	02364-238224	9422619208
6	Ilye	Dr.S.B.Kondake	02364-248805	9423285282
7	Shirgaon	DR.Y.S.Chavan	02364-236244	9405552662

Taluka Malvan

Sr. No	РНС	Medical Officer	Tel.No.	Mobile
1	Malvan	DR.S.D.Pol ,Tal.Medical Officer	02365-251583	9421234778
2	Aachara	DR.Balaji D.Patil	02365-246233	9405062558
3	Masure	DR.V.M.Mehandale	02365-257241	9403358116
4.	Hiwale	DR.A.D.Shivsharan	02365-227744	9404164853

5.	Katta	Dr.S.S.Yadav	02365-202045	9420320072
6	Chouke	DR.P.B.Patil	02365-202444	9768464812

TALUKA KUDAL

Sr. No	РНС	Medical Officer	Tel.No.	Mobile
1	Kudal	Dr.R R.Jadhav Tal. Medical Officer	02362-222812	9637630482
2	Kadaval	Dr. B.M.Hodshil	02362-230053	9404124786
3	Pandur	Dr.A.P.Karangutkar	02362-248301	7588899386
4	Mangaon	Dr.K.B.Koli	02362-236241	9421929767
5.	Hirlok	Dr.N.V.Sodal	02362-245016	9403073207
6	Kasal	Dr.S.J.Sawant	02362-234244	7588119825
		Dr.Kolap		8888818579
7	Walawal	Dr.Rupesh Jadhav	02362-242039	9637630482

Taluka Vengurla

Sr. No	РНС	Medical Officer	Tel.No.	Mobile
1	Vengurla	Dr. Smt Ashwini Mainkar Tal. Medical officer	02366-263748	9422596661
2	Parule	Dr.P.P.Jathar	02366-269644	8308888405
3	Adeli	Dr. M.D.Powar	02366-264274	9420362575
4	Redi	Dr. A.S.Mainkar	02366-227083	9422596661
5	Tulas	Dr. A. B Shinde	02366-225217	9421170270

Taluka Sawantwadi

Sr. No	РНС	Medical Officer	Tel.No.	Mobile
1	Sawantwadi	Dr. A.S.Mainkar Tal. Medical officer	02363-271646	9422596661
2	Malewad	Dr. S.S.Sangamwar	02363-261005	9689610008
3	Sangeli	Dr. Pravankumar Shinde	02363-242780	8805086924
4	Niravde	Dr.Anil Sharma	02363-258391	7030081839
5	Amboli	Dr.D.R.Jadhav	02363-240244	9890878293
6	Banda	Dr. Jagdish L. Patil	02363-270295	9421238311

Taluka Dodamarg

Sr. No	РНС	Medical Officer	Tel.No.	Mobile
1	Dodamarg	Dr. T.R.Chipalunkar Tal. Medical officer	02363-256983	9960563584/ 9765160727
2	Bhedshi	Dr. G.B.Sarang	02363-250045	9405468712
3	Morgaon	Dr.Megha Aandhari	02363-255119	9420004629
4	Talkat	Dr.T.R.Chiplunkar	02363-257376	9765160727

27.Zilla Parishad Dispensaries

Sr no.	Name of Doctor	Village	Mobile
1	Dr D B Deshmukh	Bhuibavada, ,Vaibhavwadi	9763240249
2	Dr.S.S.Naiknavare	Nerle, Vaibhavwadi	9421285057
3	Dr M A Lavate	Achirne, Vaibhavwadi	9096309327

4	vacant	Ghodge,Kudal	
5	Dr S.V.Hangarge	Shivapur,Kudal	9404933227
6	Dr Rahul Wagh	Ambrad,Kudal	9423467932
7	Dr SS Shinde	Ubhadanda, Vengurla	9420583228
8	vacant	Ronapal,Sawantwadi	
9	Dr Milind Patil	Ghotgewadi, Dodamarg	9423942933

28. Emergency Medical Team

Sr no	Taluka	Doctor	Health worker	HQ	Office	Cell no.
1	District	Dr. S.V .Kale	Shri.R.V .Gavre	Oras	02362- 228842	MO-9423766118 HS-9403559715
2	District	Dr. N.V. Sodal	1)Shri.K.M. Lad 2)Shri.D.T. Malye	Oras	02362-228543	MO-9403073207 HS-9422393739
3	Vaibvwadi	Dr.Mahanur	D.I. Naik S.V.Ekavade	ТНО	02367- 237581	TMO- 9922915749 HA- 9421269119
4	Devgad	Dr. A.B. Kondake	M.M.Shinde R.S. Ransingh	ТНО	02364-261703	THO- 9423285282 HS-8275361876
5	Kankavli	Dr K.B.Mithari	S.L.Sawant M.Y.Kadam	ТНО	02367-233162	THO- 9423818737 HA-9423513819
6	Malvan	Dr. S.D. Pol	S.A. Upanekar R.K. Londhe	ТНО	02365-251583	THO- 9421234778 HA-9970084253
7	Kudal	Dr .R.R.Jadhav	B.H.Kadam L.B.Somaji	THO	02362-222812	THO- 9623819823 HS-9423301617
8	Vengurla	DR.A.S .Mainkar	Shri.L.B. Gavande S.S. Anasurkar	ТНО	02366-225217	THO- 9422596661 HA-9422379855
9	Sawantwa di	Dr .P.S.Kariholi	R.D. Patekar S.S. Kamat	ТНО	02363-271646	THO- 8600143300 9422373929
10	Dodamarg	Dr. T.R.Chipalunkar	S.Kadam A.S.Gavas	ТНО	02363-256983	THO- 9960533584 HS-9423878751

29. List of Medicine Stockists in the District,

<u> Taluka - Kudal</u>

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Kudal Medical Stores, Bazarpeth Kudal, Tal. Kudal-416520	02362-222433	Manohar Krishnaji Kamat
2	Prathamesh Medical Stores, Near Kudal Post Office, Tal. Kudal416520	02362-221963	Krishnaji Madhukar Bakre
3	Sindhudurg Medical Stores, A/P Ranbambuli, Near District Civil Hospital.	02362-228443	Vikas Ramchandra Kandalkar

Taluka - Vengurla

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Yatin Medical Stores, A/P.Vengurla- 416516	02366-262533	Pradnya P. Nerurkar
2	Prashant Medical Stores, Br. Nath Pai Road, A/P. Vengurla416516	02366-262365	Prashant E. Nerurkar
3	Mahadeo Medical Stores, A/P. Parule, Tal. Vengurla-416523	02366-269508	Sarvottam M. Wadyekar

Taluka – Kankavli

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Balaji Medical Stores, B. K. G. Road, Kankavli, 416602	02367-232167	Kirti A. Nagvekar
2	Rane Medical Stores, Br. A/P Kharepatan, Tal. Kankavli-416703	02367-242425	Shekhar M. Rane
3	Vaibhav Medical Stores, A/P Phondaghat, Tal. Kankavli-416601	02367-245208	Mahesh V. Kulkarni

Taluka - Vaibhavwadi

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Swami Medical Stores, A/P Vaibhavwadi-416810	02367-237165	Sanjay D. Sawant
2	Ashwini Medical Stores, A/P Bhuibawada Tal. Vaibhavwadi 416806	02367-238812	Ashok K. Narkar
3	Sanjay Medical Stores, A/P Vaibhavwadi-416810	02367-245108	Mahesh V. Kulkarni

Taluka - Sawantwadi

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Kashalikar Medical Stores, Main Road, Sawantwadi-416510	02363-272720	Makarand S. Kashalikar
2	Baba Medical Stores, A/P. Malgaon, Tal. Sawantwadi416510	02363-278338	Gajanan A. Dhuri
3	Balkrishna Medical Stores, A/P Madkhol, Tal. Sawantwadi416510	02363-246537	Triveni P. Pawaskar

Taluka – Dodamarg

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Ganesh Medical Stores, A/P. Dodamarg-416512	02363-255639	Ratnamala C. Mishal
2	Varsha Medical Stores, A/P. Dodamarg-416512	02363-256641	Vivekanand E. Naik
3	Shriram Medical Stores, A/P Bhedshil, Tal. Dodamarg- 416530	02363-250067	Suryakant Topale

Taluka - Deogad

Sr No	Name of Medical shop	Contact no	Contact person
1	Sai Medical Stores, A/P. Padel, Tal. Deogad-416804	02364-225075	Sandip M. Varnik
2	Gokhale Medical Stores, A/P. Manche Tal. Deogad-416811	02364-247564	Satish M. Gokhale
3	Sindhudurg Medical Stores, At. Post Hildale, Tal. Deogad-416630	02364-238216	Mohammad Faruk Ibrahim Khan Aga

Taluka Malvan

Sr. No.	Name of the Medical Shop	Contact No.	Contact Person
1	Lalit Medical Stores, A/P. Katta, Tal. Malvan-416604	02365-225457	Lalit B. Dholam
2	Prasad Medical & Gen. Stores, A/P. Chouke Tal. Malvan-416605	02365-228616	Anandprasad J. Nadkarni

3	Gajanan Medical Stores, 2791, Near S.T. Stand, A/P. Malvan416606	02365-252210	Sujit S. Acharekar
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30. List of Inflatable Rubber Boat Operators Taluka Kudal

Sr.	Name	Address	Telephone
<u>No.</u> 1	Amit Madhukar Sawant	A/P. Pokharan Tal. Kudal	02262 220206
-			02362-230396
2	Balu Ranghnath Ghadi	At. Giargao Po. Hirlok Tal. Kudal	
3	Deepak Digambar Chavan	A/P- Nerurpar Tal. Kudal	
4	Pandharinath Vasudev Ghadi	At. Girgao Po- Hirlok Tal. Kudal	
5	Babu Balkrishna Pednekar	A/P Pawashi Tal. Kudal	
6	Ragho Gajanan Naik *	A/P Nerurpar Tal. Kudal	9422633621
7	Manohar Ganpat Walawalkar	A/P-Andurle Tal. Kudal	9420306439
8	Sujan Suresh Pawaskar	A/P-Digas Tal. Kudal	02362-230097
9	Ragho Laxman Kadam	A/P – Oras (Sawantwadi) Tal. Kudal	9823721474
10	Sudhakar Raghunath	A/P – Anav (Kulakrwadi) Tal. Kudal	-
	Anavkar		
11	Sitaram Ragho Tilve	A/P – Pokharan Tal. Kudal	9421144449
12	Vijay Tukaram Jadhav	A/P- Pinguli (Gudhipur) Tal. Kudal	9923851697
13	Sabaji Sitaram Andurlekar	A/P- Andurla Tal. Kudal	-
14	Sandesh Dattaram Gangavane	A/P – Pinguli (gudhipur) Tal. Kudal	9421262167
15	Ankush Digambar Devali	A/P Terse Bambarde Tal. Kudal	9960439427
16	Vikas Vijay Chavan*	A/P Walawal (Chavan wadi) Tal. Kudal	9869144247
17	Harshal Gurunath Narvekar	A/P Naneli (Narvekarwadi) Tal. Kudal	
18	Dattaraj Manohar Rawool	A/P Tendoli Tal. Kudal	
19	Baburav Mukund Dhuri*	A/P Wadiwaravade (Sundarwadi) Tal. Kudal	9421235483
20	Pramod Dhondu Chavan*	Z. P. Colony A/P Oras Tal. Kudal	9960930561

Taluka Sawantwadi

Sr.	Name	Address	Telephone
No.			-
21	Shankar Vithal Bhandiye	A/P Charatha Tal. Sawantwadi	
22	Ajit Shantaram Khadapkar	A/P Malgaon Tal. Sawantwadi	9421236627
23	Nilba Madhukar Gavade	A/P Sawantwadi (Khasakilwada) Tal. Sawantwadi	
24	Azmat N. Shendewale	H. No. 22(Bhaherehawada) A/P Sawantwadi Tal. Sawantwadi	
25	Gajanan Mohan Mestri	A/P Charatha Tal. Sawantwadi	9823233010
26	Sakharam Yashawant Gavade	A/P Bhatwadi Tal. Sawantwadi	
27	Santosh Narayan Tari*	A/P Sherale (Arosbag) Sawantwadi	02363-270661
		Taluka Vengurla	
Sr. No.	Name	Address	Telephone

28	Yashvant Mohan Chavan	A/P Rajwada Tal. Vengurla	9421270037
29	Gunaji Dharmaji Shirodkar	A/P Shiroda Tal. Vengurla	02366-227989
30	Santosh Vishan Matonkar	A/P Matond Tal. Vengurla	9422393359
31	Suhas Narayan Parulekar	A/P Parula Tal. Vengurla	02366-269687
32	Dilip Ramkrishan Mestri	A/P Parula Tal. Vengurla	02366-269850
33	Sanjay Chandrakant Kubal	A/P Mochemad Tal. Vengurla	02366-263065
	r	Taluka Kankavli	

Taluka Kankavli

Sr. No.	Name	Address	Telephone
34	Uttam Balkrishan Tambe	A/P Otav Tal. Kankavli	
35	Satish Digambar Tambe	A/P Natal Tal. Kankavli	
36	Pradeep Digambar Rane	A/P Halval Tal. Kankavli	9421191305
37	Uday Prabhakar shivagan	A/P Kasarde Tal. Kankavli	
38	Digambar Ganpat Lad	A/P Pisekamte Tal Kankavli	
39	Sanjay Vithu Kadam	A/P Savdav Tal Kankavli	
40	Sagar Manohar Zamane	A/P Bordave Tal. Kankavli	9421149510

Taluka Deogad

Sr.	Name	Address	Telephone
No.			
41	Mangesh Dharmaji Jadhav	A/P Chandoshi Tal. Deogad	02364-2802008/ 9421264024
42	Dattaraj Babaji Zajam	A/P Talawade Tal. Deogad	9420307748
43	Payaji Namdev Jadhav	A/P Chandoshi Tal Deogad	
44	Vijay Bhikaji Kadam	Old Police Station Tal Deogad	
45	Ashok Bhausaheb Mane	At/ Po Jamsande Tal. Deogad	
46	Chandrakant Hira Chandosakar	A/P Chandoshi Tal. Deogad	
47	Shriram Lavoo Saiel	A/P ilaye Patgha Tal. Kudal	02364-261596/ 9421263762
48	Prakash Yashawant Jadhav	A/P Lambhavde Tal. Deogad	02364-280438
49	Anant Mahadev Kadam	A/P Patghar (Asrondi) Tal. Deogad	9869983851
50	Prasad Pavindra Kadam	A/P Ilaye Sada Tal. Deogad	9421235921

Taluka Malvan

Sr. No.	Name	Address	Telephone
51	Sachin Sanjay Surve	A/P Medha Tal. Malvan	9420206773
52	Ganesh Vilas Manjarekar	A/P Salkumbha Tal. Malvan	9421145440
53	Mithun Arjun Mhapankar	A/P Wayari Bhuthanathwadi Tal Malvan	9860021917
54	Bhushan Chandrakant Kushe	A/P Medha Tal. Malvan	
55	Dattaraj Shashikant Samant	At Anandvad Po Kumbarmat Tal. Malvan	
56	Mangesh Arjun Kadam	A/P Kandalgaon Tal. Malvan	

57	Shivkumar Chalapa Pol	A/P Malvan Tal. Malvan	9423212088
58	Sudhakar Madhukar Namnaik	A/P Salkumbha Tal. Malvan	9421236202
59	Santosh Anant Hindalekar*	A/P Anandval Tal. Malvan	9421263409
60	Vithoba Vaman Girkar*	A/P Sarjekot Tal. Malvan	02365-220037
61	Jagdish Khandoba Kandalgavkar*	A/P Kolamb Tal. MAlvan	9823089600
62	Sadanand Bhikaji Tandel*	A/P Devbag Tal. Malvan	02365-220119
63	Avinash Kandalgavkar*	A/P Kolamb Tal. Malvan	9950604593
64	Sakharam Ramchandra Sarang*	A/P Devbag Tal. Malvan	c/o 02365- 248559
65	Suhas Suresh Sawant*	A/P Pendur (Khararewadi) Tal. Malvan	9860925593
66	Sanjay Ankush Tari*	A/P Tondavli Talashir Tal. Malvan	9890501243 9823230673
67	Ankush Lavoo Sawant*	A/P Pendur (Sawanwada) TAl. Malvan	02365-280607
68	Gajanan Ramakant Malndkar*	A/P Talashil, Tondavli, Tal. Malvan	02365-280867
69	Uttam Janardan Gavkar*	A/P Shirvande Tal. Malvan	02365-249020
70	Prashant Narayan Rane		9270355784
71	Nandakishor Tukaram Joil		9720262054

*Persons/Home Guards trained in Boat Operation.

List of Police / Home Guards trained in fiber Boat Operation

Sr. No.	Name	Address	Telephone
1	Shri D.V .Tulsakar	A/P Malvan Police Station	9923811342
2	Shri. P.D .Naik	A/P Banda Police Station	9823561027
3	Shri. U. D . Vanjare	A/P Sawantwadi Police Station	9421332787
4	Shri.G.A Padave	A/P Nivati Police Station	9423301525
5	Shri. S.S. Varak	A/P Vengurla Police Station	94223253560
6	Shri.K.K. Desai	A/P Kudal Police Station	9421268861
7	Shri. B.B. Chougule	A/P Kankavli Police Station	7385547877
8	Shri. D.B. Kamble	A/P Vaibhavwadi Police Station	9881379559
9	Shri. S.B.Dicholkar	A/P Sindhudurgnagari Police Station	9422381410
10	Shri. Y.V.Tandel	A/P Dodamarg Police Station	8275366066
11	Shri.U.D.Rathod	A/P Vijaydurg Police Station	9923290365

12	Shri. S.D.Yadav	A/P Aachara Police Station	9421262263
13	Shri. G.K.Parab	A/P Devgad Police Station	9421261753
14	Shri. Kiran Suresh Nevagi	A/P Kudal	9422539295
15	Shri.Dattaram Ratnoba Sonavadekar	A/P Sonavade Tarf Haweli tal – Kudal	7875172208
16	Shri. Vijay Tukaram Jadhav	A/P Piguli Gudhipur Tal- Kudal	9765463934
17	Shri .Sachin Nhanu Gawade	A/P Madyachiwadi Tal-Kudal	9421261745
18	Shri.Rajan Ramkrushna Bhoi	A/P Bhoiche keravde Tal-Kudal	9823722814
19	Shri.Krushna Chadrakant Gawade	A/P Madyachiwadi Tal-Kudal	9404445392
20	Shri. Sudhakar Raghunath Anavkar	A/P Anav Tal.Kudal	8007651271
21	Shri. Vasant Tukaram Teli	A/P Bambuli (devbawadi) Tal.Kudal	9765277021
22	Shri. Balakrushan Bhau Dhumak	A/P Nileli Tal.Kudal	9637083897
23	Shri. Ragho Laxman Kadam	A/P Oros Bu. Tal.Kudal	8275391052

31. List of Volunteers in Flood Prone Villages Trained in Search and <u>Rescue</u>

Taluka Dec	ogad	
Sr. No.	Name & Address	
1	Rafik Kadir Pawaskar	
2	Shivram Shankar Nikam	
3	Dhananjay Krishna Koyande	
4	Jaysing Dattatray Golvankar	
5	Pravin Eknath Sawant	
6	Suraj Vijay Devgadkar	
7	Rupesh Aappa Sawant	
8	Purushottam Digambar Mestri	
9	Rupesh Purushottam Patil	
10	Sakharam Prabhakar Mayekar	
11	Mahesh Dayasing Bidaye	
12	Pratapsing Nanasaheb Dulap	
13	Pradip Vasant Sakharkar	
14	Mukesh Kantilal Patel	

Taluka Kankavli

15	Vaibhav Shankar Shirasat	Shivdav
16	Satish Madhukar Patade	Shivdav
17	Shrikant Rajaram Teli	Shivdav
18	Eknath Ganesh Shirasat	Shivdav
19	Shamani Vithoba Tambe	Shivdav

Talula Kudal

20	Gurunath Shyam Naik	Sarambal	
21	Suresh Gopaln Chenvankar	Sarmbal	
22	Laxam Sadashiv Shelate	Pavshi	
23	Rakesh Dasharath Chavan	Pavshi	02362-248104
24	Santosh Nanasaheb Patil	Pavshi	9970565823
25	Sakharam Mohan Monde	Pavshi	9823820028
26	Santosh Harishchyandra Parab	Bambuli	
27	Shankar Babaji Parab	Bambuli	
28	Atamaram Dhaku Bambulkar	Bambuli	
29	Pradip Dinkarv Parab	Bav	02362-220918
30	Ramesh Krushna karalakar	Bav	02362-220918
31	Ramchandra Yashvant Parab	Bav	
32	Ravindra Krushna Toraskar	Chendvan	
33	Shankar Vitthal Jamsandekar	Chendvan	
34	Mahadev Rajaram Pilankar	Chendvan	9423337417
35	Deepak Prakash Bharadkar	Chendvan	9923920638
36	Shailesh Sharad Tavate	Chendvan	9823891940

Taluka Malvan

37	Jagadish khadoba Kandalgaokar	Kolam	
38	Avinash D Kandalgaokar	Kolam	
39	Omkar Prabhakar Joshi	Vayangani	
40	Govind Sadashiv Acharekar	Achara	9969575251
41	Vasant Sadashiv Acharekar	Achara	9969575251
42	Budhaji Madhukar Patil	Achara	9969575251
43	Kamalesh Keshav Wadekar	Achara	9869823056
44	Jitendra Mohan Acharekar	Achara	9969575251
45	Shailesh Sadashiv Acharekar	Achara	9969575251
46	Ganesh Aravind Masurkar	Achara	
47	Gajanan Ramakant Malandkar	Tondavli	
48	Sanjay Ankush Tari	Tondavli	
49	Sadanand Bikhaji Tandel	Devbag	
50	Sakharam Ramchandra Sarang	Devbag	
51	Parshuram R Guram	Kalse	
52	Prashant Prabhakar Khot	kalse	02365-255615
53	Prashant Ravidra Prabhu	Kalse	
54	Ashok Vittal Chavan	Dhamapur	
55	Sushil Savalaram Shendage	Hadi	

Taluka Vengurla

56	Ganapat Bharat Hule	Redi	9422436238
57	Sai Sangivani Pundalik Mayekar	Vengurla	
58	Supriya Sadu Parulekar	Vengurla	
59	Gajanan Ramesh Parab	Vengurla	
60	Ashwini Kusagi Malvankar	Vengurla	
61	Dhrshana Bemagi Farnandees	Vengurla	
62	Dttaram Ladu Naik	Hodavada	
63	Sameer Vishavas Sawant	Hodavada	
64	Mangesh Prabhakar Kocharekar	Hodavada	

Taluka Sawantwadi

65	Dattaram Krishan Patil	Insuli	9823885130
66	Krishna Shivaji Sawant	Insuli	9422596492
67	Gajanan Shrikrishan Navekar	Insuli	9420204976
68	Laxman Yashaaavant Vengurlekar	Insuli	9420205278
69	Bhandu Vishnub Shirodkar	Insuli	9423304612
70	Sunil Namdev Velnekar	Aronda	9423512589
71	Nyan Suresh Chodankar	Aronda	02363-262542
72	Santosh Narayan Tari	Sherle	
73	Dipak Mohan Sawant	Sherle	9420595135
74	Harsha Hanumant Sawant	Banda	9422394262
75	Rupesh Shantaram Dhamapurkar	Banda	9823882456
76	Shankar Vishnu Dhamapurkar	Banda	9960479567
77	Bhushan Maruti Sawant	Banda	9421265111
78	Priyanka Mahadev Bavkar	Banda	9421262579
79	Sadguru Maruti Naik	Kinle	
80	Jayaram Krishna Naik	Kinle	
81	Avinash Laxman Pandit	Satoshe	
82	Santosh Vashvanath Pandit	Satoshe	9420210419
83	Satish Vishvanath Parab	Satoshe	02363-268940
84	Gajanan Yashawant Shirsat	Satarda	

List of swimmers

<u>Masure, Malvan</u>

Sr no.	Name	Cell no	Residence
1	Durwas Achrekar	9404933510	
2	Vijay Girkar	9423212010	
3	Sandip Hadkar	9420309031	
4	Deepak Masurkar	9421263411	
5	Mohan Masurkar	9403558787	
6	Ashok Raut		02365-257145

7	Krishnaji Masurkar		02365-257290
8	Sanjay Khot	9422230368	

Sr no.	Name	Cell	Residence
1	Prashant Khot	9221553366	
2	Sanjay Khot	9723469828	
3	Dwarkanath Pawaskar	99233147443	
4	Ulhas Narvekar	9422596634	
5	Ramchandra Khot		02365-255696
6	Rajan Korgaonkar	9923022113	
7	Mahesh Korgaonkar	9823013758	
8	Deepak Korgaonkar	9423512136	
9	Anil Herekar	9404751682	
10	Santosh Madye	9764235520	
11	Lalit Korgaonkar	9421263590	
12	Bhushan Kudalkar	9923565217	

<u>Kalse, Malvan</u>

<u>Chendvan, Kudal</u>

Sr no.	Name	Cell no
1	Sagun Torskar	9405399403
2	Shankar Torskar	9421460209
3	Madan Torskar	9421086883
4	Ananta Pilankar	9404750345
5	Keshav Pilankar	9404165515
6	Bhalchandra Pilankar	9405793463
7	Dnyandev Pilankar	9404437559
8	Ramchandra Torskar	8275364672

Sarambal ,Kudal

Sr no.	Name	Cell no
1	Gurunath Naik	9404170108
2	Shridhar Naik	9423305404
3	Nitin Naik	9422585500
4	Uday Bhatkar	9404916458
5	Santosh Tondvalkar	9420923593
6	Sunil Chendvankar	9823400626
7	Bhalchandra Naik	9422632708

Pawashi ,Kudal

Sr no.	Name	Cell no
1	Laxman Shelte	9923310271
2	Arun Shelte	9421267613
3	Sandip Khot	9637939346

4	Pankaj Shelte	9545444693
5	Shekhar Shelte	9764105977

Kudal,Kudal			
Sr no.	Name	Cell no	
1	Vasant Shetty	9423302972	
2	Mohan Ghadi	9423303388	
3	Dattaram Parab	9890509027	

Bao,Kudal

Sr no.	Name	Cell no
1	Shankar Mayekar	9823253540
2	Digambar Newalkar	941261351
3	Suresh karalkar	9764792940
4	Nagesh Karalkar	9422373746
5	Dilip Patkar	9869344829
6	Pradip Parab	9158208374

Hodavada, Vengurla

Sr no.	Name	Cell no
1	Sunil Sawant	9423304111
2	Vijay Redkar, Tulas	9881258818
3	Aatmaram Naik, Tulas	9422585270

Vengurla

Sr no.	Name	Cell no
1	Raghunath Juvatkar ,Khavane	9421147437
2	Prakash Mote ,Navabag	9923877499
3	Nilesh Sarang, Navabag	9890314331
4.	Ganpat Keluskar, Navabag	9420261776
5.	Vinod Shenai, Math	(02366)264216
6.	Vithoba Kocharekar,Kochare	9404446703

List of NGOs in Disaster Management

- Maharashtra Aapatti Vyvsthapan & Shaikshanik Prashikshan Sanstha A/P- Malewad Kondure Tal Sawantwadi Dist.-Sindhudurg. Contact Person Mr. Satish Girap-7767989888
- Ajinkya adventures and help organization A/P Sawantwadi Tal- Sawantwadi Dist. Sindhudurg.

Contact person Mr. Dinesh Chavan – 9422434265

Ajinkya adventures and help organization

Sr no.	Name	Mobile no.	Resid no.
1	Sridhar Metar, Nivti meda, Vengurla	9420821991	
2	Laxman Shelte, Pawshi, Kudal	9923310271	
3	Janardhan Bange, Walaval, Kudal	9404751023	
4	Machindra	8007451398	
	Chodankar, Aronda, Sawantwadi		
5	Manish Shelte, Pawshi, Kudal		
6	Swapnil Shelte, Pawshi,Kudal		
7	Ganesh Shelte, Pawshi,Kudal		
8	Nitin Chavan, Kondure, Sawantwadi		
9	Gajanan Kalagan,,Kaleli,Kudal		
10	Pritam Walavalkar, Walaval, Kudal		
11	Deepak Sarang, Nivti, Vengurla		
12	Pranil		
	Malandkar, Sriramwadi, Vengurla		
13	Vishnu Kubal, Aronda, Sawantwadi		
14	Amit Dhamapurkar, Dhamapur, Malvan		
15	Kishore Tandel, Deobaug, Malvan		
16	Kishore Metar, Nivti Vengurla		

Eklavya Organization

Sr no.	Name	Mobile no.	Resid no.
1	Prashant Mattalwar	9273926202 / 9975732300	
2	Shubham Rathiwdekar	9923294030	
3	Zishan Khan	9423305244	
4	Vijay Rawal	9673365651	
5	Bhushan Salunkhe	9561943378	

. Indian Red Cross Socitey Sindhudurg

Sr no.	Name	Mobile no.	Resid no.
1	Dr.Nandan Samant ,Kudal		02362-222105
2	Dr. Rajendra Gawskar,Vengurla	9890873529	
3.	Prof.Govekar Sawantwadi	9421148522	

Sr. No.	Name of the Co-op. Society	Contact and Address	Type of Service
1	Kudal Taluka Sahakari Kharedi Vikri Sangh Ltd., Kudal	A/P. Kudal, Tal. Kudal. Tel. No. 223578	Kharedi Vikri / Gas
2	Vengurla Taluka Sahakari Kharedi Vikri Sangh Ltd., Vengurla	A/P. Vengurla, Tal. Vengurla. Tel. No. 262063	Kharedi Vikri
3	Deogad Taluka Sahakari Kharedi Vikri Sangh Ltd., Deogad	A/P. Deogad, Tal. Deogad. Tel. No. 262151	Kharedi Vikri / Petrol
4	Shetkari Sahakari Kharedi Vikri Sangh Ltd., Kankavali	A/P. Kankavali, Tal. Kankavali Tel. No. 233350	Kharedi Vikri
5	Malvan Taluka Sahakari Kharedi Vikri Sangh Ltd., Malvan	A/P. Malvan, Tal. Malvan. Tel. No. 252280	Kharedi Vikri
6	Sawantwadi Taluka Sahakari Kharedi Vikri Sangh Ltd., Sawantwadi	A/P. Sawantwadi, Tal. Sawantwadi. Tel. No. 272053	Kharedi Vikri
7	Sindhudurg Zilla Krushi Audyogik Sarva Seva Sahakari Sangh Ltd., Aaros	Tel. No. 228814	Kharedi Vikri

32. List of Co-operative Societies in the District

33. ICS Glossary

Branch: That organizational level having functional/geographic responsibility for major segments of incident operations. The branch level is used in operations and logistics and is organizationally between the section and division/group.

Command: The act of directing, ordering and/or controlling resources by virtue of explicit legal, agency, or delegated authority.

Command Staff: The command staff consists of the information officer, safety officer and liaison officer. They report directly to the incident commander and may have assistants. The command staff may or may not have supporting organizations below it.

Complex: Two or more individual incidents located in the same general area which are assigned to a single incident commander or unified command.

Cooperating Agency: An agency supplying assistance other than direct suppression, rescue, support, or service functions to the incident control effort; e.g., Red Cross, law enforcement agency, Telephone Company, etc.

Deputy: A fully qualified individual who, in the absence of a superior, could be delegated the authority to manage a functional operation or perform a specific task. In some cases, a Deputy could act as relief for a superior and therefore must be fully qualified in the position. Deputies can be assigned to the Incident Commander, General Staff, and Branch Directors.

Dispatch: The implementation of a command decision to move a resource or resources from one place to another.

Dispatcher: A person employed who receives reports of discovery and status of incident, confirms their locations, takes action promptly to provide people and equipment likely to be needed, and sends them to the proper place.

Dispatch Center: A facility from which resources are directly assigned to an incident.

Division: Divisions are used to divide an incident into geographical areas of operation. Divisions are established when the number of resources exceeds the span-of-control of the operations chief. A division is located with the Incident Command System organization between the branch and the task force/strike team.

General Staff: The group of incident management personnel reporting to the incident commander. They may each have a deputy, as needed. Staff consists of operations section chief, planning section chief, logistics section chief, and finance/administration section chief.

Group: Groups are established to divide the incident into functional areas of operations. Groups are composed of resources assembled to perform a special function not necessarily within a single geographic area or division.

Helibase: The main location within the general incident area for parking, fueling, maintaining, and loading helicopters. The helibase is usually located at or near the incident base.

Helispot: A temporary landing spot for helicopters.

Incident: A human-caused or natural occurrence that requires emergency service action to prevent or reduce the loss of life or damage to property or natural resources.

Incident Action Plan (IAP): Contains objectives reflecting the overall incident strategy and specific tactical actions and supporting information for the next operational period. The plan may be oral or written. When written, the plan may have a number of attachments, including: incident objectives, organization assignment list, division assignment, incident radio communication plan, medical plan, traffic plan, safety plan, and incident map.

Incident Base: Location at which primary logistics functions are coordinated and administered. The incident base may be co-located with the ICP or other incident facilities.

Incident Command Post (ICP): Location at which primary command functions are executed. The ICP may be co-located with the incident base or other incident facilities.

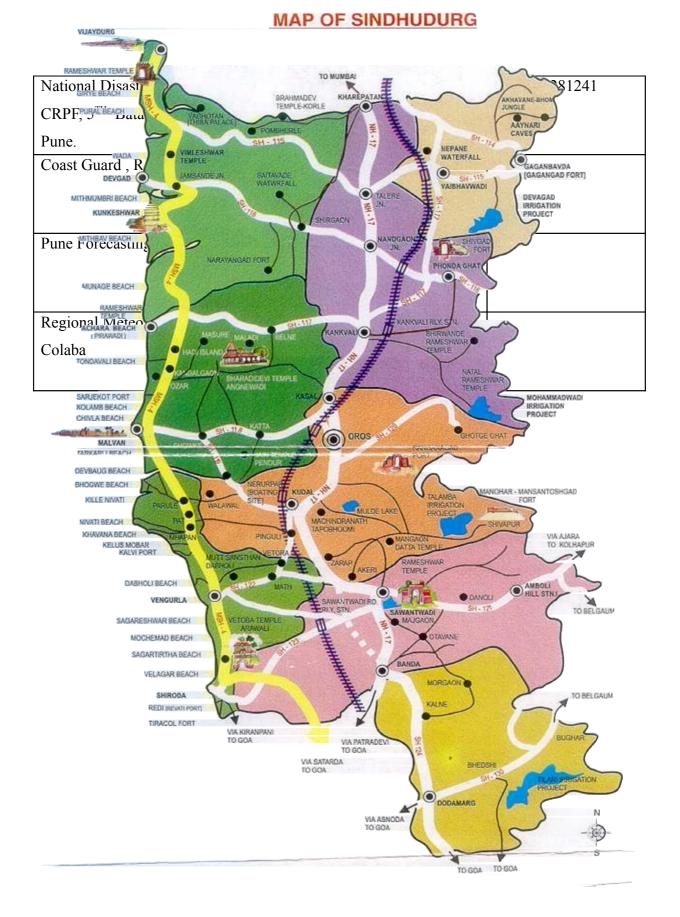
List of Websites

- 1) <u>www.idrn.gov.in India disaster Resource Network</u>
- 2) <u>www.ndmindia.nic Natural Disaster management India. Provides current news</u> on Flood, Drought and Cyclones, Weather Links from NIC and weather conditions/temperatures on Indian Ocean
- 3) <u>www.nicee.org The National Information Center of Earthquake Engineering</u>
- 4) <u>www.imd.ernet.in</u> Indian Meteorological Department
- 5) <u>www.asc-india.org</u> Amateur Seismic Centre
- 6) <u>http://ioc.unesco.org/itsu IOC/ UNESCO International Coordination group for</u> the Tsunami Warning System in the Pacific (ICG/ITSU) Paris, France
- 7) <u>http://www.tsunami.org Pacific Tsunami Museum site. Includes answers to</u> frequently asked questions, links and information related to Pacific Ocean tsunamis.
- http://www.csre.ittb.ac.in/rn/resume/landslide/lsl.htm Landslide Information
- 8) System Center of Studies in Resource Engineering, IIT, Mumbai
- 9) <u>http://landslides.usgs.gov USGS National landslide Hazards Program</u>
- 10) <u>www.cwc.nic.in</u> Central Water Commission of India
- 11) <u>http://www.envfor.nic.in Ministry of Environment and Forests</u>
- 12) <u>http://www.iifm.org/databank/index.html Forest Information Service a</u> comprehensive Internet information bank on forest and related resources in India and around the world, prepared by Indian Institute of Forest Management, Bhopal.
- 13) <u>www.ipaindia.org Loss Prevention Association of India ltd. (LPA) is engaged</u> in promoting safety and loss control through education, training and consultancy.
- 14) www.yashada.org Yashwantrao Chavan Academy of Development Administration
- 15) <u>www.dmibpl.org</u> Disaster Management Institute
- 16) <u>http://www.nidm.net National Institute of Disaster Management</u>
- 17) <u>http://dst.gov.in Department of Science and Technology</u>
- 18) <u>http://www.icar.org.in/ Indian Council for Agriculture and Research</u>
- 19) <u>http://www.iirs-nrsa.org/ Indian Institute of Remote Sensing</u>
- 20) http://www.bis.org.in Bureau of Indian Standards
- 21) http://www.gsi.gov.in/ Geological Survey of India
- 22) <u>http://gov.ua.nic.in/dmmc/ Disaster Mitigation and Management Centre</u>
- 23) <u>http://ncdcnagpur.nic.in/ National Civil Defence College</u>

Most Important Contact Numbers

Name of the Department/Office	Contact Tel. No.	Fax No. / E-mail
Mantralaya Control Room	022 - 22027990	022- 22020454
Mantralaya, Mumbai –400 032		
Divisional Commissioner Control	022-27571516	022-27571516
Room		
Konkan Division, Navi Mumbai		
District Collector / DM, Sindhudurg	02362- 228844, 228860	02362-228589
Superintendent of Police, Sindhudurg	02362-228201	02362-228733
Chief Executive Officer, ZP	02362-228807	02362-228739
Navy	022-22751920/22751486	
Maritime Operation Center, Mumbai		
INS Shivaji (Lonavala)	02114 - 284304	02114 - 284701
	Commodore K.P.Aravindan	
	M.NO.7350018001	

Indian Air Force Wing	079-23246632	m.no.9898890715
Commander MR.Dinesh		
Wasvani		
Indian Army		MO.NO.8170010602
Military Exchange	022 - 22157257/22157105	
Civil Defence & Home Guard	022 – 2284 3667 /	-
Civil Defence Head Office, Mumbai	4171	
Civil Defence, Pune	020 - 26360041/	-
	26361072 / 26360067	
Civil Defence, Nashik	0253 - 2573149	-
Civil Defence, Kalyan	0251 –2313494 / 2317578	-
Civil Defence, Thane	022 –25342288	-
Civil Defence, Uran	022 –27222343 / 27221355	-
Civil Defence, Tarapur	02525 –264677 / 78	-
Home Guard Head Office, Mumbai	022 - 2284 2423 / 6941	-
fiome Guard fread Office, Mumbar	022 - 2284 2425 / 0941	-
Police	022 –2202 6636 /	-
D.G.P. Control	2282 2631	
Geological Survey of India	020 – 26696489	020 – 26696489
Director, GSI, Pune		



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12.List of Websites

- 1) <u>www.idrn.gov.in India disaster Resource Network</u>
- 2) <u>www.ndmindia.nic Natural Disaster management India. Provides current news</u> on Flood, Drought and Cyclones, Weather Links from NIC and weather conditions/temperatures on Indian Ocean
- 3) <u>www.nicee.org The National Information Center of Earthquake Engineering</u>
- 4) <u>www.imd.ernet.in</u> Indian Meteorological Department
- 5) www.asc-india.org Amateur Seismic Centre
- 6) <u>http://ioc.unesco.org/itsu IOC/ UNESCO International Coordination group for</u> the Tsunami Warning System in the Pacific (ICG/ITSU) Paris, France
- 7) <u>http://www.tsunami.org Pacific Tsunami Museum site. Includes answers to</u> frequently asked questions, links and information related to Pacific Ocean tsunamis.
- 8) <u>http://www.csre.ittb.ac.in/rn/resume/landslide/lsl.htm Landslide Information</u>
- ⁶⁾ System Center of Studies in Resource Engineering, IIT, Mumbai
- 9) <u>http://landslides.usgs.gov USGS National landslide Hazards Program</u>
- 10) www.cwc.nic.in Central Water Commission of India
- 11) <u>http://www.envfor.nic.in Ministry of Environment and Forests</u>
- 12) <u>http://www.iifm.org/databank/index.html Forest Information Service a</u> comprehensive Internet information bank on forest and related resources in India and around the world, prepared by Indian Institute of Forest Management, Bhopal.
- 13) <u>www.ipaindia.org Loss Prevention Association of India ltd. (LPA) is engaged</u> in promoting safety and loss control through education, training and consultancy.
- 14) www.yashada.org Yashwantrao Chavan Academy of Development Administration
- 15) www.dmibpl.org Disaster Management Institute
- 16) <u>http://www.nidm.net National Institute of Disaster Management</u>
- 17) <u>http://dst.gov.in Department of Science and Technology</u>
- 18) <u>http://www.icar.org.in/ Indian Council for Agriculture and Research</u>
- 19) <u>http://www.iirs-nrsa.org/ Indian Institute of Remote Sensing</u>
- 20) <u>http://www.bis.org.in Bureau of Indian Standards</u>
- 21) <u>http://www.gsi.gov.in/ Geological Survey of India</u>
- 22) <u>http://gov.ua.nic.in/dmmc/ Disaster Mitigation and Management Centre</u>
- 23) <u>http://ncdcnagpur.nic.in/ National Civil Defence College</u>

<u>13.Most Important Contact Numbers</u>

Name of the Department/Office	Contact Tel. No.	Fax No. / E-mail
Relief & Rehabilitation	022 - 22040800	022- 22023039
Revenue & Forest Dept.		
Mantralaya, Mumbai –400 032		
Divisional Commissioner	022- 27571517	022-27571516
Konkan Division, Navi Mumbai		
District Collector / DM, Sindhudurg	02362- 228844	02362-228589
Superintendent of Police, Sindhudurg	02362-228201	02362-228733
	00000	
Chief Executive Officer, ZP	02362- 228807	02362-228739
Norm	022-22751920/22751486	
Navy	022-22751920/22751480	
Maritime Operation Center, Mumbai INS Shivaji (Lonavala)	02114 - 284304 /	02114 - 284701
	284862	
	Commodore-Harish Batra-	
	m.no.7350018001	

Air Force	022 -23714982 / 4902 /	-
Air force Station cotton green	4947	
	Group Captain-Mr.S.	
Army		-
Military Exchange, Coast Guard	022 - 22151701	
2 nd Maratha light Infantry, Dapodi	Captain Pawan Singh-	Email-sahamaratha
	08283864213	@gmail.com
Civil Defence & Home Guard	022 – 2284 3667 /	-
Civil Defence Head Office, Mumbai	4171	
Civil Defence, Pune	020 - 26360041/ 26361072	-
	/ 26360067	
Civil Defence, Nashik	0253 - 2573149	-
Civil Defence Kelven	0251 2212404 / 2217578	
Civil Defence, Kalyan	0251 –2313494 / 2317578	-
Civil Defence, Thane	022 - 25342288	-
Civil Defence, Uran	022 - 27222343 / 27221355	-
Civil Defence, Tarapur	02525 - 264677 / 78	-
Home Guard Head Office, Mumbai	022 – 2284 2423 / 6941	-

Police	022 –2202 6636 /	-
D.G.P. Control	2282 2631	
	020 – 26696489	020 - 26696489
Geological Survey Of India		
Director, GSI, Pune		
NDRF		
National Disaster Response Force	02114 - 247000	02114 - 281241
Coast Guard		
Coast Guard , Ratnagiri	02352-224555	-
Weather Forecasting Centre		
Pune Forecasting Centre	020 - 25535211	-
Regional Meteorological Dept., Colaba	022 - 22150431	-

35. Resource Inventory (IDRN)

India Disaster Resource Network is an online inventory designed as a decision making tool for the Government administrators and crisis managers to coordinate effective emergency response operations in the shortest possible time.

The Ministry of Home Affairs, Government of India has developed a web-based database of resource named India Disaster Resource Network (IRDN). This database contains information about equipments (such as boats, bulldozers, chain saw, etc), manpower (divers, swimmers, etc) and **critical supplies** (oxygen cylinder, fire fighting foams, etc) required during response. accessed anyone direct link It can be by and its is http://idrn.gov.in/publicaccess/countryquerypublic.asp. One can also access it by clicking on the Quick link to inventory of disaster response resources on the idrn site (idrn.gov.in)

Resources which are available with the various departments in Sindhudurg district are uploaded in the IDRN.



	District Resource	e Inventory
RC/DM NAME-Shri Uday Cl	Page: 1 <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> naudhari IAS CONTACT ADDR- Collector 02362-228844,02362-228847 E	or Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs-
NODAL PER	5 1	Department DESGResidencial Dy. Collector
ITEM DETAILS	DEPARTMENT/AGENCY DETAILS	ITEM'S INFORMATION
Name - Gas Cutters	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Kankavali Tel.No - 02367-232122,02367- 232050,02367-232207	Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Gas Cutters	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Gas Cutters	Sindhudurg Addr - collector office sindhudurg Contact - Resident Deputy Collector Addr - collector office Sindhudurg Tel.No - 02362-228845,02362- 228608,02362-228847	Source - Govt Operator Available- NA

Name - Electric Drill	Sindhudurg Addr - collector office sindhudurg Contact - Resident Deputy Collector Addr - collector office Sindhudurg Tel.No - 02362-228845,02362- 228608,02362-228847	Source - Govt Operator Available- NA
Name - Electric Drill Type - Specific Equipment Description - Portable Hanc	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes
Name - Electric Drill	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Electric Drill Type - Specific Equipment	Transport Company Addr - Kankavali,Dist-Sindhudurg IContact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes
Name - Electric Drill	Addr - Office of the Superitendent of Police Contact - Supertitendent of Police Addr - Office of the Superitendent of Police	Item Location - Head Quarter -Oros Available Time - January to December Source - Govt Operator Available- yes
Name - Circular Saw with	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Circular Saw with Diamond Blade(Electric) Type - Specific Equipment	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent of Police	Item Location - Sindhudurgnagari Police station Available Time - January to December Source - Govt Operator Available- yes

	Mobile - Fax - 02362-228205 Email-	
Name - Chipping Hammer Type - Specific Equipment Description - small size useful for only debuving of weld joint	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes
Name - Chain Saw-Diamond Type - Specific Equipment Description - chain saw- Diamond	Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Item Location - Kankavali,Oros,Deogad,Vaibhavvadi Available Time - January to December Source - Govt Operator Available- yes
Name - Chain Saw-Bullet Type - Specific Equipment Description - chain saw for tree cutting	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- NA
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - Tree-cutting equipment	Dept Name - Sawantwadi Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - vijaykumar Dvase Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - Jack with 5 ton lift Type - Specific Equipment Description - Jack with 5 ton lift	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Jack with 5 ton lift Type - Specific Equipment Description - JACK WITH 5 TON LIFT	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes

	Dept Name - Industrial Training	
Description - 5 KG	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan	Source - Gov Operator Available- yes
Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment Description - Nylon Rope 400 mtr	Sindhudurg Addr - Collector Office Sindhudhurg Contact - Resident Deputy Collector Addr - Collector Office Sindhudurg Tel.No - 02362-228847,02362- 228845,02362-228608	Source - Gove Operator Available- NA
Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment Description - Rope Tackle	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent of Police	Item Location - Sindhudurgnagari,Kudal Police Station Available Time - January to December Source - Govt Operator Available- yes
Name - Gloves-Rubber, Tested up to 25, 000 volt Type - Specific Equipment Description - Gloves-Rubber	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Slotted Screwdrivers Type - Specific Equipment Description - slotted screwdrivers	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Inflatable Light Tower Type - Specific Equipment Description - INFLATABLE LIGHT TOWER	Addr - DODAMARG Contact - TAHASILDAR Addr - Tel.No - 02363-256518,, Mobile - 7588268491	Item Location - Dodamarg tahasil office Available Time - January to December Source - Govt Operator Available- yes
Name - Inflatable Light Tower Type - Specific Equipment Description - INFLATABLE LIGHTING TOWER	Addr - DEVGAD Contact - TAHASILDAR Addr - Tel.No - 02364-262204,, Mobile - 9923897575	Item Location - devgad tahasil office Available Time - January to December Source - Govt Operator Available- yes

Item No - 138	Dept Name ·	- TAHASIL	OFFICE	Nos/Quant	tity	Availa	ble	-	1Nos
Name - Inflatable Ligh	tKANKAVALI			Item	Location	- 1	kankavali	tahasil	office
Tower	Addr -	KAN	IKAVALI	Available	Time	-	January	to	December
Type - Specific Equipment	Contact -	TAHA	SILDAR	Source			-		Govt
Description - inflatable	Addr		-	Operator		A	vailable-		yes
lighting tower	Tel.No -	02367-2		Transport			-		road,rail,,,
5 5	Mobile -	9503	3707370	Prior expr	r in emerger	ncv- NA	A and Prior	training	
	Fax				red on 11/4/2				- 1-
	Email- tkantah.s	si-mh@nic.in							
	Dept Name	 Collector 		Nos/Quant	,	Availa		-	3Nos
Name - Inflatable Ligh	tSindhudurg			Item	Location	-	SINDHUD	URG	NAGARI
Tower	Addr - SINI	DHUDURG	NAGARI	Available	Time	-	January	to	December
Type - Specific Equipment	Contact - Resid	ent Deputy C	Collector	Source			-		Govt
Description - INFLATABLE	Addr		-	Operator		A	vailable-		no
EMERGENCY LIGHTING	GTel.No - 0	2362-228847	7,02362-	Transport			-		road,rail,,,
SYSTEM	228845,			Prior expr	r in emerger	ncy- NA	A and Prior	training	expr- NA
5151611									
STSTEM	Mobile -	9890	040300	Data enter	red on 11/4/2	015			
STSTEM	,	9890	040300	Data enter	red on 11/4/2	015			

MODIFY INVENTORY

QUERY INVENTORY

VIEW ITEMS

CONTACT

LOGOUT



District Resource Inventory Page: 1 2 3 4 5 6 7 8 9 Next >> RC/DM NAME-Shri Uday Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESG.-Residencial Dy. Collector **DEPARTMENT/AGENCY ITEM'S INFORMATION ITEM DETAILS** DETAILS No - 101 Dept Name - Maha.St.RoadNos/Quantity Available -4Nos Item - Gas Cutters Transport M.S.R.T.C.Kankavali Company Item Location Name -Type - Specific Equipment Addr - Kankavali, Dist-Sindhudurg Available Time January to December Description - gas cutter Contact - Divisional Controller Source Govt Addr Kankavali Operator Availableyes Tel.No - 02367-232122,02367-Transport road,,,, 232050,02367-232207 Prior expr in emergency- NA and Prior training expr- NA - Last updated on 10/30/2015 Mobile 02367-232015 Fax Email- msrtcsnd@rediffmail.com Item 101 Dept Name - Industrial TrainingNos/Quantity Available No 1Nos Item Location - Industrial Training Institute, Sawantwadi - Gas Cutters Institute, Sawantwadi Name Type - Specific Equipment Addr - Baherchawada, Sawantwadi Available Time -January to December Principal Source Description - Gas Cutters Contact -Govt Addr I.T.I.Sawantwadi Operator Availableyes 02363-272136,, Transport Tel.No road,rail,air,water, 9890628139 Prior expr in emergency- NA and Prior training expr- NA Mobile Fax - Last updated on 10/30/2015 Email-Item 101 Dept Name - Collector officeNos/Quantity Available 04Nos No - Gas Cutters Sindhudurg Name Location Room Item -Control Type - Specific Equipment Addr - collector office sindhudurg Available Time January December to Description - Gas Cutters Contact - Resident Deputy Source Govt Collector Operator Available-NA Addr - collector office Sindhudurg Transport road,,,, Tel.No - 02362-228845,02362-Prior expr in emergency- NA and Prior training expr- NA 228608,02362-228847 Last updated on 10/30/2015 9890040300 Mobile Fax 02362-228589 Email- collrdc.si-mh@nic.in 104 Dept Name - Collector office Nos/Quantity Available Item No 03Nos Drill Sindhudurg Name Electric Item Location _ Control Room Type - Specific Equipment Addr - collector office sindhudurg Available Time January to December Description - Electric drill Contact - Resident Deputy Source Govt Collector Operator Available-NA Addr - collector office Sindhudurg Transport road,,,, Tel.No - 02362-228845,02362-Prior expr in emergency- NA and Prior training expr- NA 228608,02362-228847 Last updated on 10/30/2015 9890040300 Mobile Fax 02362-228589 Email- collrdc.si-mh@nic.in

Name - Electric Drill	Contact - Principal Addr - A/P Kumbharmaath Tal-	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Electric Drill	Fax - Email- itimalvan@yahoo.com Dept Name - Industrial Training Institute,Sawantwadi Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,,	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes Transport - road,rail,air,water,
Name - Electric Drill	Fax - Email-	
	Contact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207	Source - Govt Operator Available- yes
Name - Electric Drill	Contact - Supertitendent of Police Addr - Office of the Superitendent	Item Location - Head Quarter -Oros Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Circular Saw with	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Circular Saw with	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sindhudurgnagari Police station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Chipping Hammer Type - Specific Equipment	Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes

	Tel.No - 02365-251516,02365- 251056, Mobile - 9833162330 Fax - Email- itimalvan@yahoo.com	Last updated on 10/30/2015
Name - Chain Saw- Diamond Type - Specific Equipment Description - chain saw-	Department ,Kudal Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Source - Govt Operator Available- yes
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - chain saw for tree cutting	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- NA
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - Tree-cutting equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - vijaykumar Dvase Sawantwadi	Nos/Quantity Available - 2Nos Item Location - Sawantwadi Municipal Council Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 5/25/2015
Name - Jack with 5 ton lift	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Jack with 5 ton lift Type - Specific Equipment	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes
Name - Sledge hammer	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes

	Email- itimalvan@yahoo.com	
Item No - 123 Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment Description - Nylon Rope 400 mtr	Addr - Collector Office Sindhudhurg Contact - Resident Deputy Collector Addr - Collector Office	Item Location - Collector Office Sindhudurg Available Time - January to December Source - Govt Operator Available- NA Transport - road,rail,air,water, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment Description - Rope Tackle	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sindhudurgnagari,Kudal Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Gloves-Rubber,	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Item No - 138 Name - Inflatable Light Tower Type - Specific Equipment Description - INFLATABLE LIGHT TOWER	Addr - DODAMARG Contact - TAHASILDAR Addr - Tel.No - 02363-256518,, Mobile - 7588268491	Item Location - Dodamarg tahasil office Available Time - January to December Source - Govt Operator Available- yes
	Addr - DEVGAD Contact - TAHASILDAR Addr - Tel.No - 02364-262204,, Mobile - 9923897575	Item Location - devgad tahasil office Available Time - January to December Source - Govt Operator Available- yes

Item No - 138	Dept Name - TAHASIL OFFICE	Nos/Quantity	Available	- 1Nos
Name - Inflatable Light	tKANKAVALI	Item Location	- kankavali	tahasil office
Tower	Addr - KANKAVALI	Available Time	- January	to December
Type - Specific Equipment	Contact - TAHASILDAR	Source	-	Govt
Description - inflatable	Addr -	Operator	Available-	ves
lighting tower	Tel.No - 02367-232025,,		-	road,rail,,,
5 - 5		Prior expr in emerge	ncv- NA and Prior	, ,,,
		Data entered on 11/4		
	Email- tkantah.si-mh@nic.in	, -	,	
	Dept Name - Collector office		Available	- 3Nos
		Item Location	- SINDHUD	
Tower	Addr - SINDHUDURG NAGARI		- January	to December
Type - Specific Equipment	Contact - Resident Deputy	Source	-	Govt
Description - INFLATABLE	Collector	Operator	Available-	no
EMERGENCY LIGHTING		Transport	-	road,rail,,,
SYSTEM	Tel.No - 02362-228847,02362-	Prior expr in emerge	ncy- NA and Prior	r training expr- NA
	228845,	Data entered on 11/4	/2015	
	Mobile - 9890040300			
	Fax -			
	Email- collrdc.si-mh@nic.in			

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RC/DM NAME-Shri Uday C	haudhari IAS CONTACT ADDR- Colle NOs- 02362-228844,02362-22884	ector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL
NODAL PERS	/	Department DESGResidencial Dy. Collector
ITEM DETAILS	DEPARTMENT/AGENCY DETAILS	ITEM'S INFORMATION
Name - Gas Cutters	Dept Name - Maha.St.Road Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Kankavali Tel.No - 02367-232122,02367- 232050,02367-232207	Item Location - M.S.R.T.C.Kankavali Available Time - January to December Source - Govt Operator Available- yes
Name - Gas Cutters Type - Specific Equipment	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Gas Cutters	Addr - collector office sindhudurg Contact - Resident Deputy Collector Addr - collector office Sindhudurg Tel.No - 02362-228845,02362-	Item Location - Control Room Available Time - January to December Source - Govt Operator Available- NA
Name - Electric Drill	Addr - collector office sindhudurg Contact - Resident Deputy Collector Addr - collector office Sindhudurg Tel.No - 02362-228845,02362-	Item Location - Control Room Available Time - January to December Source - Govt Operator Available- NA

Name - Electric Drill	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal-	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Electric Drill	Fax - Email- itimalvan@yahoo.com Dept Name - Industrial Training	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Electric Drill	Mobile - 9890628139 Fax - Email- Dept Name - Maha.St.Road Transport Company	Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015 Nos/Quantity Available - 20Nos Item Location - M.S.R.T.C.Kankavali
	Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207 Mobile - Fax - 02367-232015 Email- msrtcsnd@rediffmail.com	Source - Govt Operator Available- yes
Name - Electric Drill	Addr - Office of the Superitendent of Police Contact - Supertitendent of Police Addr - Office of the Superitendent	Item Location - Head Quarter -Oros Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Circular Saw with	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Circular Saw with	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sindhudurgnagari Police station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Chipping Hammer Type - Specific Equipment	Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes

	Tel.No - 02365-251516,02365- 251056, Mobile - 9833162330 Fax - Email- itimalvan@yahoo.com	Last updated on 10/30/2015
Name - Chain Saw- Diamond Type - Specific Equipment Description - chain saw-	Department ,Kudal Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Source - Govt Operator Available- yes
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - chain saw for tree cutting	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- NA
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - Tree-cutting equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - vijaykumar Dvase Sawantwadi	Nos/Quantity Available - 2Nos Item Location - Sawantwadi Municipal Council Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 5/25/2015
Name - Jack with 5 ton lift	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Jack with 5 ton lift Type - Specific Equipment	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes
Name - Sledge hammer	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes

	Email- itimalvan@yahoo.com	
Item No - 123 Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment Description - Nylon Rope 400 mtr	Addr - Collector Office Sindhudhurg Contact - Resident Deputy Collector Addr - Collector Office	Item Location - Collector Office Sindhudurg Available Time - January to December Source - Govt Operator Available- NA Transport - road,rail,air,water, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment Description - Rope Tackle	Dept Name - police Department Sindhudurg Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sindhudurgnagari,Kudal Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Gloves-Rubber,	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Item No - 138 Name - Inflatable Light Tower Type - Specific Equipment Description - INFLATABLE LIGHT TOWER	Addr - DODAMARG Contact - TAHASILDAR Addr - Tel.No - 02363-256518,, Mobile - 7588268491	Item Location - Dodamarg tahasil office Available Time - January to December Source - Govt Operator Available- yes
	Addr - DEVGAD Contact - TAHASILDAR Addr - Tel.No - 02364-262204,, Mobile - 9923897575	Item Location - devgad tahasil office Available Time - January to December Source - Govt Operator Available- yes

Type - Specific Equipment Contact - TAHASILD Description - inflatableAddr lighting tower Tel.No - 02367-23202	Item Location - kankavali tahasil office LI Available Time - January to December AR Source - Govt - Operator Available- yes
Description - INFLATABLECollector EMERGENCY LIGHTINGAddr	Item Location - SINDHUDURG NAGARI RI Available Time - January to December utySource - Govt Operator Available- no - Transport - road,rail,,, 52-Prior expr in emergency- NA and Prior training expr- NA Data entered on 11/4/2015

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Page: 1 2 3 4 5 6 7 8 9 Next >> RC/DM NAME-Shri Uday Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESGResidencial Dy. Collector				.6 812TEL		
ITEM DETAILS DEPARTMENT	AGENCY			INFORMAT		
Name - Gas Cutters Transport Type - Specific Equipment Addr - Kankavali,Di Description - gas cutter Contact - Division Addr - Tel.No - 02367-2 232050,02367-2322 Mobile	nal Controller Kankavali 232122,02367- 207 - 02367-232015	Item Available Source Operator Transport	Location Time emergend	- January - Available- - cy- NA and Pric	to	4Nos Kankavali December Govt yes road,,,, g expr- NA
	di da,Sawantwadi Principal I.Sawantwadi 2363-272136,, 9890628139	Item Locatio Available Source Operator Transport	n - Indust Time emergend	Available rial Training In - January Available- - cy- NA and Pric /2015	to road,rai	December Govt yes I,air,water,
Collector Addr - collector offi Tel.No - 02362- 228608,02362-2288 Mobile -	ice sindhudurg dent Deputy ce Sindhudurg 228845,02362- 847 9890040300 02362-228589	Item Available Source Operator Transport	Location Time emergend	- January - Available- cy- NA and Pric		04Nos Room December Govt NA road,,,,, g expr- NA
Collector Addr - collector offi Tel.No - 02362-2 228608,02362-2288 Mobile -	ice sindhudurg dent Deputy 228845,02362- 347 9890040300 02362-228589	Item Available Source Operator Transport	Location Time emergend	- January - Available- - cy- NA and Prio		03Nos Room December Govt NA road,,,, g expr- NA
Item No - 104 Dept Name - Indu Name - Electric Drill Institute, Malvan Type - Specific Equipment Addr - A/P Kumb Description - Portable Hand Malvan Drill Machine-(capacity 6 Contact - mm) Addr - A/P Kumb Malvan Tel.No - 02365- 251056,	harmaath Tal- Principal harmaath Tal-	Item Locati Available Source Operator Transport Prior expr in	on - Ind Time emergend	Available ustrial Trainin - January Available- - cy- NA and Pric /2015	to	December Govt yes road,,,,

	Mobile - 9833162330 Fax - Email- itimalvan@yahoo.com	
Name - Electric Drill Type - Specific Equipment Description - Electric drill	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Electric Drill Type - Specific Equipment Description - electric drill machine		Item Location - M.S.R.T.C.Kankavali Available Time - January to December Source - Govt Operator Available- yes
Name - Electric Drill Type - Specific Equipment Description - Electric drill	Addr - Office of the Superitendent of Police Contact - Supertitendent of Police Addr - Office of the Superitendent	Item Location - Head Quarter -Oros Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Circular Saw with	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Circular Saw with Diamond Blade(Electric) Type - Specific Equipment Description - Circular saw	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent of Police	Item Location - Sindhudurgnagari Police station Available Time - January to December Source - Govt Operator Available- yes
Name - Chipping Hammer Type - Specific Equipment Description - small size useful for only debuving of	Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA

Item No - 107	Dept Name - Public work	Nos/Quantity Available - 04Nos
Name - Chain Saw- Diamond Type - Specific Equipment Description - chain saw-	Department ,Kudal Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Item Location - Kankavali,Oros,Deogad,Vaibhavvadi Available Time - January to December Source - Govt Operator Available- yes
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - chain saw for tree cutting	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- NA
Item No - 108 Name - Chain Saw-Bullet Type - Specific Equipment Description - Tree-cutting equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - vijaykumar Dvase Sawantwadi	Nos/Quantity Available - 2Nos Item Location - Sawantwadi Municipal Council Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 5/25/2015
Name - Jack with 5 ton lift	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Jack with 5 ton lift Type - Specific Equipment	Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - KANKAVALI Tel.No - 02367-232122,02367- 232050,02367-232207	Item Location - M.S.R.T.C.Kankavali Available Time - January to December Source - Govt Operator Available- yes
Name - Sledge hammer	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal-	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA

Item No - 123 Name - Set of rope tackle (3 sheave - 2 sheave)		Nos/Quantity Available - 400Meter Item Location - Collector Office Sindhudurg Available Time - January to December
Type - Specific Equipment Description - Nylon Rope 400 mtr	Sindhudhurg Contact - Resident Deputy Collector	Source - Govt Operator Available- NA Transport - road,rail,air,water, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Set of rope tackle (3 sheave - 2 sheave) Type - Specific Equipment	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sindhudurgnagari,Kudal Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Gloves-Rubber,	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
Name - Slotted	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industrial Training Institute,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
	Addr - Tel.No - 02363-256518,, Mobile - 7588268491	Item Location - Dodamarg tahasil office Available Time - January to December Source - Govt Operator Available- yes
	Contact - TAHASILDAR Addr - Tel.No - 02364-262204,, Mobile - 9923897575	Item Location - devgad tahasil office Available Time - January to December Source - Govt Operator Available- yes
Item No - 138 Name - Inflatable Light Tower Type - Specific Equipment Description - inflatable lighting tower	Addr - KANKAVALI Contact - TAHASILDAR Addr - Tel.No - 02367-232025,, Mobile - 9503707370	Item Location - kankavali tahasil office Available Time - January to December Source - Govt Operator Available- yes

Item No - 138	Dept Name - Collector office	Nos/Ouantity	Available -	3Nos
Name - Inflatable Light	Sindhudurg	Item Location	 SINDHUDURG 	NAGARI
Tower	Addr - SINDHUDURG NAGARI	Available Time	- January to	December
Type - Specific Equipment	Contact - Resident Deputy	Source	-	Govt
Description - INFLATABLE	Collector	Operator	Available-	no
EMERGENCY LIGHTING	Addr -	Transport	-	road,rail,,,
SYSTEM	Tel.No - 02362-228847,02362-	Prior expr in emergen	cy- NA and Prior traini	ing expr- NA
	228845,	Data entered on 11/4/	2015	
	Mobile - 9890040300			
	Fax -			
	Email- collrdc.si-mh@nic.in			

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 RC/DM NAME-Shri Uday Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in
 NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in

NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESG.-Residencial Dy. Collector

ITEM DETAILS	DEPARTMENT/AGENCY	ITEM'S INFORMATION
Name - Search and Rescue	Addr - Tahasill Office,Kudal Tel.No - 02362-222525,, Mobile - 9423090301 Fax -	Item Location - NA Available Time - January to December Source - Govt Operator Available- NA
Name - Search and Rescue Teams for Flood Type - Human Resource Description - search and	Addr - SAWANTWADI Contact - TAHASILDAR Addr - Tel.No - 02363-272028,, Mobile - 8108417087	Item Location - NA Available Time - January to December Source - Govt Operator Available- NA
Name - Search and Rescue Teams for Flood Type - Human Resource Description - search and	Addr - kankavali Contact - TAHASILDAR Addr - Tel.No - 02367-232025,, Mobile - 9503707370	Item Location - NA Available Time - January to December Source - Govt Operator Available- NA
Name - Search and Rescue Teams for Flood Type - Human Resource Description - search and	Addr - vengurla Contact - TAHASILDAR Addr - Tel.No - 02366-262053,, Mobile - 9404908586	ItemLocation-NAAvailableTime-JanuarytoDecemberSource-GovtOperatorAvailable-NA
Item No - 165 Name - Search and Rescue Teams for Flood Type - Human Resource Description - search and rescue teams	Addr - DODAMARG Contact - TAHASILDAR Addr - Tel.No - 02363-256518,, Mobile - 7588268491	ItemLocation-NAAvailableTime-JanuarytoDecemberSource-GovtOperatorAvailable-NA

Item No - 167 Name - Suit - fire proximity Type - Specific Equipment Description - fire fighting equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised	Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Item Location - Vengurla municipal council Available Time - January to December Source - Govt Operator Available- yes
Name - Suit - fire approach	Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Item Location - Vengurla municipal council Available Time - January to December Source - Govt Operator Available- yes
Name - Breathing apparatus - self contained Type - Specific Equipment Description - Breathing	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes
	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - Extension Ladder Type - Specific Equipment	Addr - Bijalinagar,Near S.T.Workshop,Kankavali Contact - Executive Engineer- Mr.K.B.Patil Addr - Bijalinagar,kankavali Tel.No - 02367-233545,,	Operator Available- NA

Name - ABC Type Type - Specific Equipment	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes
Name - ABC Type	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Banda Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - ABC Type Type - Specific Equipment	Department ,Kudal Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Source - Govt Operator Available- yes
Name - ABC Type Type - Specific Equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - ABC Type Type - Specific Equipment	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes
Name - ABC Type Type - Specific Equipment	Contact - Resident Deputy Collector Addr - Tel.No - 02362-228847,,	Nos/Quantity Available - 22Nos Item Location - Collector Office Sindhudurg Available Time - January to December Source - Govt Operator Available- yes Transport - road,rail,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 10/30/2015

Name - ABC Type Type - Specific Equipment	Addr - SINDHUDURG NAGARI Contact - Resident Deputy Collector Addr - Tel.No - 02362-228847,,	Item Location - Collector Office Sindhudurg
Name - CO2 Type Type - Specific Equipment	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes
Name - CO2 Type Type - Specific Equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - CO2 Type Type - Specific Equipment Description - ZENITH	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sawantwadi Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Foam Type Type - Specific Equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - Foam Type Type - Specific Equipment	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes

	Dept Name - Vengurla	
	J - · · P - · · · · · · ·	Item Location - Vengurla municipal council
Type - Specific Equipment	Addr - Vengurla Nagarparishad	Available Time - January to December
	Office,Vengurla,Dist.Sindhudurg	
Extinguisher		Operator Available- yes
	Addr - Vengurla Nagarparishad	
	Office, Vengurla, Dist. Sindhudurg	Prior expr in emergency- NA and Prior training expr- NA
		Last updated on 5/25/2015
	Mobile - 9823229033	
	Fax -	
	Email-	
	vmcvengurla@rediffmail.com	
Item No - 179	Dept Name - Vengurla	Nos/Quantity Available - 5Nos
Name - DCP Type	Nagarparishad	Item Location - Vengurla municipal council
Type - Specific Equipment	Addr - Vengurla Nagarparishad	Available Time - January to December
Description - Water co2	Office, Vengurla, Dist. Sindhudurg	Source - Govt
type-Fire Extinguisher	Contact - Chief Officer	Operator Available- yes
	Addr - Vengurla Nagarparishad	Transport - road,,,,
	Office, Vengurla, Dist. Sindhudurg	Prior expr in emergency- NA and Prior training expr- NA
	Tel.No - 02366-262027,,	Last updated on 5/25/2015
	Mobile - 9823229033	
	Fax -	
	Email-	

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 RC/DM NAME-Shri Uday Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in

NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESG.-Residencial Dy. Collector

ITEM DETAILS	DEPARTMENT/AGENCY DETAILS	ITEM'S INFORMATION
Item No - 165	Dept Name - Tahasil Office,Kudal	Nos/Quantity Available - 32Nos
Name - Search and Rescue	Addr - Tahasill Office,Kudal	Item Location - NA
Teams for Flood	Contact - Tahasildar Kudal	Available Time - January to December
Type - Human Resource	Addr - Tahasill Office,Kudal	Source - Gov
Description - SEARCH AND	Tel.No - 02362-222525,,	Operator Available- NA
RESCUE TEAMS	Mobile - 9423090301	Transport - ,,,,N
	Fax -	Prior expr in emergency- yes and Prior training expr- ye
	Email- tkudtah.si-mh@nic.in	Last updated on 10/30/2015
Item No - 165	Dept Name - TAHASIL OFFICE	Nos/Quantity Available - 1Team
Name - Search and Rescue		Item Location - NA
Teams for Flood	Addr - SAWANTWADI	Available Time - January to December
Type - Human Resource	Contact - TAHASILDAR	Source - Gov
Description - search and	Addr -	Operator Available- NA
rescue team	Tel.No - 02363-272028,,	Transport - ,,,,N
	Mobile - 8108417087	Prior expr in emergency- yes and Prior training expr- ye
	Fax -	Data entered on 10/30/2015
	Email- tsawtah.si-mh@nic.in	

Item No - 165	Dont Namo	тацасті	OFFICE	Noc/Ouantity	,	Available		26 Dorconc
Item No - 165 Name - Search and Rescue	Dept Name - KANKAVALI	· TARASIL		Item		Available ation	-	36Persons NA
Teams for Flood		· k		Available		- January	to	December
Type - Human Resource		TAHA	ASILDAR			-		Govt
Description - search and		00067		Operator		Available-		NA
rescue teams	Tel.No -			Transport		- 		,,,,NA
	Mobile - Fax	9503		Data entered		cy- yes and Pri	ior trainin	g expr- yes
	Email- tkantah	.si-mh@nic			1 011 10/5	0/2015		
Item No - 165	Dept Name -	TAHASII	OFFICE	Nos/Quantity	J	Available	-	1Team
Name - Search and Rescue				Item		ation	-	NA
Teams for Flood		- \	vengurla	Available	Time	- January	to	December
Type - Human Resource		TAHA	ASILDAR			-		Govt
Description - search and				Operator		Available-		NA
rescue team	Tel.No -			Transport		-	ian trainin	,,,,NA
	Mobile - Fax	9404		Data entered		cy- yes and Pri		g expi- yes
	Email- tventah	.si-mh@nic			1 011 10/5	0/2015		
Item No - 165	Dept Name -	TAHASII	OFFICE	Nos/Quantity	/	Available	-	1Team
Name - Search and Rescue		17 (17 (012		Item		ation	-	NA
Teams for Flood		DOI	DAMARG	Available	Time	- January	to	December
Type - Human Resource	Contact -	TAHA	ASILDAR	Source		-		Govt
Description - search and				Operator		Available-		NA
rescue teams	Tel.No -			Transport		- 		,,,,NA
	Mobile - Fax	/580		Data entered		cy- yes and Pri	ior trainin	g expr- yes
	Email- tdodtah	.si-mh@nic			1 011 10/3	0/2015		
Itom No. 167				Nos/Quantity	,	Available		1Noc
	Dept Name Nagarpalika	- Sav		Item Locat		Available Sawantwadi	- Municipa	1Nos I Council
proximity	Addr -	Sav		Available	Time	- January	to	December
Type - Specific Equipment				Source	i iiiie	-		Govt
Description - fire fighting			Officer	Operator		Available-		yes
equipment	Addr -	Sav		Transport		-		road,,,,
	Nagarpalika,Sa			Prior expr in	emerger	ncy- NA and Pr	ior trainir	ig expr- NA
	Tel.No -		272044,,	Last updated	l on 5/25,	/2015		
		0707	7016777		• •			
	Mobile -	9767	7916777					
	Fax	9767	7916777 -	-				
	Fax Email-		-					
Item No - 167	Fax Email- cosmcsawantw	adi@yahoo	- .com			Δvailable	-	2Nos
	Fax Email- cosmcsawantw Dept Name	adi@yahoo e -	- .com Vengurla	Nos/Quantity	/	Available Vengurla	- municipa	2Nos I council
	Fax Email- cosmcsawantw Dept Name Nagarparishad	adi@yahoo 2 -	- .com Vengurla	Nos/Quantity Item Loca	/		- municipa to	
Name - Suit - fire proximity Type - Specific Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office, Vengurla	adi@yahoo - urla Nagar a,Dist.Sindh	- .com Vengurla rparishad udurg	Nos/Quantity Item Loca Available Source	ý stion -	Vengurla - January -	•	l council
Name - Suit - fire proximity Type - Specific Equipment Description - Specialisec	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact -	adi@yahoo e - urla Nagar a,Dist.Sindh Chief	- .com Vengurla rparishad udurg Officer	Nos/Quantity Item Loca Available Source Operator	ý stion -	Vengurla	•	l council December Govt yes
Name - Suit - fire proximity Type - Specific Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar	- .com Vengurla rparishad udurg Officer rparishad	Nos/Quantity Item Loca Available Source Operator Transport	/ ition - Time	Vengurla - January - Available- -	to	l council December Govt yes road,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialisec	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh	- .com Vengurla parishad odurg Officer rparishad oudurg	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	y ation - Time emerger	Vengurla - January - Available- - ncy- NA and Pr	to	l council December Govt yes road,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialisec	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No -	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2	- .com Vengurla rparishad odurg Officer rparishad odurg 262027,,	Nos/Quantity Item Loca Available Source Operator Transport	y ation - Time emerger	Vengurla - January - Available- - ncy- NA and Pr	to	l council December Govt yes road,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialisec	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2	- .com Vengurla parishad odurg Officer rparishad oudurg	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	y ation - Time emerger	Vengurla - January - Available- - ncy- NA and Pr	to	l council December Govt yes road,,,,
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Name - Suit - fire proximity Type - Specific Equipment Description - Specialisec Protective Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email-	adi@yahoo e - urla Nagai a,Dist.Sindh Chief urla Nagai a,Dist.Sindh 02366-2 9823 rediffmail.c	- .com Vengurla rparishad udurg Officer rparishad udurg 262027,, 3229033 - om	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	/ tion - Time emerger on 5/25,	Vengurla - January - Available- - ncy- NA and Pr	to	l council December Govt yes road,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialisec Protective Equipment Item No - 168	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 982: rediffmail.c	- .com Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 - om Vengurla	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca	/ Ition - Time emerger d on 5/25,	Vengurla - January - Available- - ncy- NA and Pr /2015	to	l council December Govt yes road,,,, ng expr- NA 2Nos
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Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office, Vengurla Contact - Addr - Veng Office, Vengurla Tel. No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office, Vengurla	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a - urla Nagar a,Dist.Sindh	- .com Vengurla rparishad udurg Officer rparishad udurg 262027,, 3229033 - om Vengurla rparishad udurg	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source	/ tion - Time emerger l on 5/25, d on 5/25,	Vengurla - January - Available- ncy- NA and Pr /2015 Available Vengurla - January -	to ior trainir municipa	l council December Govt yes road,,,, ag expr- NA 2Nos council December Govt
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office, Vengurla Contact - Addr - Veng Office, Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office, Vengurla Contact -	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a.Dist.Sindh Chief	- .com Vengurla rparishad udurg Officer rparishad udurg 262027,, 3229033 - om Vengurla rparishad udurg Officer	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator	/ tion - Time emerger l on 5/25, d on 5/25,	Vengurla - January - Available- - ncy- NA and Pr /2015 Available Vengurla	to ior trainir municipa	l council December Govt yes road,,,, ag expr- NA 2Nos council December Govt yes
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla@ Contact - Addr - Veng	adi@yahoo a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh Chief urla Nagar	- .com Vengurla rparishad odurg Officer rparishad odurg 262027,, 3229033 - om Vengurla rparishad odurg Officer rparishad	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport	y tion - Time emerger on 5/25, y tion - Time	Vengurla - January - Available- ncy- NA and Pr /2015 Available Vengurla - January - Available- -	to ior trainir municipa to	I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes road,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla@ Office,Vengurla@ Office,Vengurla	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh	- .com Vengurla rparishad odurg Officer rparishad odurg 262027,, 3229033 - om Vengurla rparishad odurg Officer rparishad odurg	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	/ tion - Time emerger on 5/25, fon 5/25, ftion - Time	Vengurla - January - Available- - ncy- NA and Pr /2015 Available Vengurla - January - Available- - ncy- NA and Pr	to ior trainir municipa to	I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes road,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla@ Contact - Addr - Veng	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2	- .com Vengurla rparishad odurg Officer rparishad odurg 262027,, 3229033 - om Vengurla rparishad odurg Officer rparishad odurg	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport	/ tion - Time emerger on 5/25, fon 5/25, ftion - Time	Vengurla - January - Available- - ncy- NA and Pr /2015 Available Vengurla - January - Available- - ncy- NA and Pr	to ior trainir municipa to	I council December Govt yes road,,,,, ag expr- NA 2Nos I council December Govt yes road,,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2	- .com Vengurla rparishad odurg Officer rparishad odurg 262027,, 3229033 - om Vengurla rparishad odficer rparishad odficer rparishad	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	/ tion - Time emerger on 5/25, fon 5/25, ftion - Time	Vengurla - January - Available- - ncy- NA and Pr /2015 Available Vengurla - January - Available- - ncy- NA and Pr	to ior trainir municipa to	I council December Govt yes road,,,,, ag expr- NA 2Nos I council December Govt yes road,,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Tel.No - Fax Email-	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.cc - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823	- .com Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 - om Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 -	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	/ tion - Time emerger on 5/25, fon 5/25, ftion - Time	Vengurla - January - Available- - ncy- NA and Pr /2015 Available Vengurla - January - Available- - ncy- NA and Pr	to ior trainir municipa to	I council December Govt yes road,,,,, ag expr- NA 2Nos I council December Govt yes road,,,,,
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Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised Protective equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Tel.No - Fax Email-	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c	- .com Vengurla rparishad oudurg Officer rparishad 262027,, 3229033 - om Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 - om	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in	/ tion - Time emerger on 5/25, fon 5/25, emerger on 5/25,	Vengurla - January - Available- ncy- NA and Pr /2015 Available Vengurla - January - Available- ncy- NA and Pr	to ior trainir municipa to	I council December Govt yes road,,,,, ag expr- NA 2Nos I council December Govt yes road,,,,,
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised Protective equipment Item No - 171 Name - Breathing	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla dontact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Coffice,Vengurla	adi@yahoo - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 982: rediffmail.c - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 982: rediffmail.c - y82: rediffmail.c	- .com Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 om Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 - om Vengurla om Vengurla	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca	emerger i on 5/25, tion - Time emerger on 5/25,	Vengurla January Available- ncy- NA and Pr /2015 Available Vengurla January Available- ncy- NA and Pr /2015	to ior trainir municipa ior trainir municipa	I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes road,,,, ag expr- NA 2Nos I council
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised Protective equipment Item No - 171 Name - Breathing apparatus - self contained	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Fax Email- vmcvengurla@ Dept Name Sagarparishad Addr - Veng	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a - urla Nagar a,Dist.Sindh	- .com Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 om Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 officer rparishad oudurg 262027,, 3229033 officer rparishad	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available	/ tion - Time emerger d on 5/25, / tion - Time emerger d on 5/25,	Vengurla January Available- ncy- NA and Pr /2015 Available Uengurla January Available- ncy- NA and Pr /2015	to ior trainir municipa to ior trainir	I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes road,,,, ag expr- NA 2Nos I council December
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised Protective equipment Item No - 171 Name - Breathing apparatus - self contained Type - Specific Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Fax Email- vmcvengurla@ Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Office,Vengurla Tel.No - Mobile - Fax	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh	com Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 om Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 om Vengurla rparishad oudurg 262027,, 3229033 om Vengurla rparishad oudurg	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source	emerger i on 5/25, tion - Time emerger on 5/25,	Vengurla - January - Available- ncy- NA and Pr /2015 Available Vengurla - January - Available- ncy- NA and Pr /2015	to ior trainir municipa ior trainir municipa	I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised Protective equipment Item No - 171 Name - Breathing apparatus - self contained Type - Specific Equipment Description - Breathing	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office, Vengurla Contact - Addr - Veng Office, Vengurla Tel. No - Mobile - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office, Vengurla Contact - Addr - Veng Office, Vengurla Tel. No - Mobile - Fax Email- vmcvengurla@ Dept Name Addr - Veng Office, Vengurla Tel. No - Mobile - Fax Email- vmcvengurla@ Office, Vengurla Tel. No - Mobile - Fax Email- vmcvengurla@ Office, Vengurla@ Dept Name Addr - Veng Office, Vengurla@ Dept Name Contact - Addr - Veng Office, Vengurla@	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh 02366-2 9823 rediffmail.c	- .com Vengurla rparishad oudurg Officer rparishad oudurg 262027,, 3229033 om Vengurla rparishad oudurg 262027,, 3229033 officer rparishad oudurg 262027,, 3229033 - om Vengurla rparishad oudurg Officer rparishad	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator	emerger i on 5/25, tion - Time emerger on 5/25,	Vengurla January Available- ncy- NA and Pr /2015 Available Vengurla January Available- ncy- NA and Pr /2015	to ior trainir municipa ior trainir municipa	I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes road,,,, ag expr- NA 2Nos I council December Govt yes
Name - Suit - fire proximity Type - Specific Equipment Description - Specialised Protective Equipment Item No - 168 Name - Suit - fire approach Type - Specific Equipment Description - Specialised Protective equipment Item No - 171 Name - Breathing apparatus - self contained Type - Specific Equipment	Fax Email- cosmcsawantw Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Fax Email- vmcvengurla@ Dept Name Nagarparishad Addr - Veng Office,Vengurla Contact - Addr - Veng Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Dept Name Fax Email- vmcvengurla@ Office,Vengurla Tel.No - Mobile - Fax Email- vmcvengurla@ Office,Vengurla Tel.No - Mobile - Fax	adi@yahoo a - urla Nagar a,Dist.Sindh Chief urla Nagar a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh 02366-2 9823 rediffmail.c a,Dist.Sindh 02366-2 9823	com Vengurla rparishad udurg Officer rparishad udurg 262027,, 3229033 om Vengurla rparishad udurg Officer rparishad udurg 262027,, 3229033 om Vengurla rparishad udurg 262027,, 3229033 om Vengurla rparishad udurg Cofficer rparishad	Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport Prior expr in Last updated Nos/Quantity Item Loca Available Source Operator Transport	emerger d on 5/25, d on 5/25, d on 5/25, d on 5/25, d on 5/25, d on 5/25, d on 5/25,	Vengurla - January - Available- ncy- NA and Pr /2015 Available Vengurla - January - Available- ncy- NA and Pr /2015	to ior trainir municipa to ior trainir municipa to	I council December Govt yes road,,,,, ag expr- NA 2Nos I council December Govt yes road,,,,, ag expr- NA 2Nos I council December Govt yes road,,,,,

	Mobile - 9823229033 Fax - Email- vmcvengurla@rediffmail.com	
	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - Extension Ladder Type - Specific Equipment	S.T.Workshop,Kankavali Contact - Executive Engineer- Mr.K.B.Patil Addr - Bijalinagar,kankavali Tel.No - 02367-233545,,	Item Location - 33/11-Kankavali&Malvan sub station Available Time - January to December Source - Govt Operator Available- NA
Name - ABC Type Type - Specific Equipment		Item Location - M.S.R.T.C.Kankavali Available Time - January to December Source - Govt Operator Available- yes
Name - ABC Type	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Banda Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - ABC Type Type - Specific Equipment	Department ,Kudal Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Source - Govt Operator Available- yes
Name - ABC Type Type - Specific Equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes

	Email- cosmcsawantwadi@yahoo.com	
Name - ABC Type Type - Specific Equipment Description - Fire Extinguisher	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes
Name - ABC Type Type - Specific Equipment	Addr - SINDHUDURG NAGARI Contact - Resident Deputy Collector Addr - Tel.No - 02362-228847,,	Item Location - Collector Office Sindhudurg
Name - ABC Type Type - Specific Equipment	Addr - SINDHUDURG NAGARI Contact - Resident Deputy Collector Addr - Tel.No - 02362-228847,,	Item Location - Collector Office Sindhudurg
Name - CO2 Type Type - Specific Equipment Description - Fire Extinguisher	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes
Name - CO2 Type Type - Specific Equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - CO2 Type Type - Specific Equipment Description - ZENITH	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Sawantwadi Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA

	228204, Mobile - Fax - 02362-228205 Email-	
Name - Foam Type Type - Specific Equipment	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi	Source - Govt Operator Available- yes
Name - Foam Type Type - Specific Equipment Description - Fire Extinguisher	Nagarparishad Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office, Vengurla, Dist. Sindhudurg	Source - Govt Operator Available- yes
Item No - 179 Name - DCP Type Type - Specific Equipment	Dept Name - Vengurla Nagarparishad Addr - Vengurla Nagarparishad Office,Vengurla,Dist.Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office,Vengurla,Dist.Sindhudurg	Source - Govt Operator Available- yes
Name - DCP Type Type - Specific Equipment Description - Water co2 type-Fire Extinguisher	Nagarparishad Addr - Vengurla Nagarparishad Office,Vengurla,Dist.Sindhudurg Contact - Chief Officer Addr - Vengurla Nagarparishad Office,Vengurla,Dist.Sindhudurg	Source - Govt Operator Available- yes

District Resource Inventory										
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RC/DM NAME-Shri Uday C	RC/DM NAME-Shri Uday Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in									
NODAL PERSO	NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESGResidencial Dy. Collector									
ITEM DETAILS	DEPARTMEN DET			CY				IT	EM'	S INFORMATION

Name - DCP Type Type - Specific Equipment Description - fire extinguisher	Nagarpalika Addr - Sawantwadi Nagarpalika,Sawantwadi Contact - Chief Officer Addr - Sawantwadi Nagarpalika,Sawantwadi Tel.No - 02363-272044,, Mobile - 9767916777 Fax - Email- cosmcsawantwadi@yahoo.com	Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 5/25/2015
Name - Stretcher normal Type - Specific Equipment	Addr - District Hospital Sindhudurg ,At-Sindhudurgnagari Contact - District Civil Surgeon Addr - District Hospital	Item Location - District Hospital Available Time - January to December Source - Govt Operator Available- yes Transport - road,rail,air,water, Prior expr in emergency- NA and Prior training expr- NA
Name - Stretcher normal	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Banda,Malvan Police Station Available Time - January to December Source - Govt Operator Available- NA Transport - road,rail,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Stretcher normal Type - Specific Equipment	Addr - Zilha Parishad,Sindhudurg Contact - District Health Officer (Epedemics) Addr - Zilha Parishad Health	Item Location - in each PHC of Sindhudurg District Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Item No - 201 Name - Stretcher normal Type - Specific Equipment Description - stretcher	Addr - DODAMARG Contact - TAHASILDAR Addr - Tel.No - 02363-256518,, Mobile - 7588268491	Item Location - tahasil office Dodamarg Available Time - January to December Source - Govt Operator Available- NA
Item No - 201 Name - Stretcher normal Type - Specific Equipment Description - stretcher	Addr - MALVAN Contact - TAHASILDAR Addr - Tel.No - 02365-252045,, Mobile - 9423405570	Item Location - Malvan tahasil office Available Time - January to December Source - Govt Operator Available- NA

Name - Stretcher normal Type - Specific Equipment Description - stretcher	Addr - KANKAVALI Contact - TAHASILDAR Addr - Tel.No - 02367-232025,, Mobile - 9503707370 Fax - Email- tkantah.si-mh@nic.in	Item Location - kankavali tahasil office Available Time - January to December Source - Govt Operator Available- NA Transport - road,rail,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 10/30/2015
Item No - 201 Name - Stretcher normal Type - Specific Equipment Description - stretcher	Addr - sawantwadi Contact - TAHASILDAR Addr - Tel.No - 02363-272028,, Mobile - 8108417087	Item Location - tahasil office sawantwadi Available Time - January to December Source - Govt Operator Available- NA
Item No - 201 Name - Stretcher normal Type - Specific Equipment Description - stretcher	Addr - VENGURLA Contact - Resident Deputy Collector Addr - Tel.No - 02366-262053,,	Item Location - TAHASIL OFFICE VENGURLA
Name - Stretcher normal Type - Specific Equipment	Addr - SINDHUDURG NAGARI Contact - Resident Deputy Collector Addr - Tel.No - 02362-228847,,	Item Location - Collector Office Sindhudurg
Item No - 201 Name - Stretcher normal Type - Specific Equipment Description - stretcher	Addr - VAIBHAVVADI Contact - TAHASILDAR Addr - Tel.No - 02367-237239,, Mobile - 9421625151	Item Location - vaibhavvadi tahasil office Available Time - January to December Source - Govt Operator Available- yes
Name - Incubators for children Type - Specific Equipment	Addr - District Hospital Sindhudurg ,At-Sindhudurgnagari Contact - District Civil Surgeon Addr - District Hospital	Item Location - District Hospital Available Time - January to December Source - Govt Operator Available- NA ITransport - ,,,,NA Prior expr in emergency- NA and Prior training expr- NA
Item No - 210 Name - Portable x-rays Type - Specific Equipment Description - 60MA	Addr - District Hospital Sindhudurg ,At-Sindhudurgnagari Contact - District Civil Surgeon Addr - District Hospital	Item Location - District Hospital Sindhudurg , Available Time - January to December Source - Govt Operator Available- NA ITransport - ,,,,NA Prior expr in emergency- NA and Prior training expr- NA

Name - Portable suction unit Type - Specific Equipment Description - Portable	Addr - Zilha Parishad,Sindhudurg Contact - District Health Officer (Epedemics) Addr - Zilha Parishad Health	Item Location - in each PHC of Sindhudurg District Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Portable suction unit Type - Specific Equipment Description - POrtable	Dept Name - Zilha Prishad Health Department Addr - Zilha Parishad,Sindhudurg Contact - District Health Officer (Epedemics) Addr - Zilha Parishad Health Department Tel.No - 02362-228543,02362- 228842, Mobile - 9421233250 Fax - 02362-228022 Email- idspsindhudurg@rediffmail.com	Item Location - in each PHC of Sindhudurg District Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,,, Prior expr in emergency- NA and Prior training expr- NA
	Addr - Tahasill Office,Kudal Tel.No - 02362-222525,, Mobile - 9423090301 Fax -	Item Location - Tahasill Office,Kudal Available Time - January to December Source - Govt Operator Available- NA
Name - Anti snake venom	Addr - Zilha Parishad,Sindhudurg Contact - District Health Officer(Epedemics) Addr - Zilha Parishad Health	Item Location - Vaibhavvvadi PHC Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Anti snake venom	Dept Name - Zilha Parishad Health Department Addr - Zilha Parishad,Sindhudurg	Item Location - Phonda PHC Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - Anti snake venom	Addr - Zilha Parishad,Sindhudurg Contact - District Health Officer(Epedemics) Addr - Zilha Parishad Health	Item Location - Umbarde PHC Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA

	idspsindhudurg@rediffmail.com			
Name - Anesthetist Type - Human Resource Description - Anesthetist	Addr - District Hospital Sindhudurg ,At-Sindhudurgnagari Contact - District Civil Surgeon	Item Loca Available Time Source Operator Transport Prior expr in emergen		- 2Nos - NA to December Govt NA ,,,,NA training expr- yes
Name - Tent 80 Kgs Type - Specific Equipment Description - tent-80 KGS	Contact - Deputy conservator of forest ,Sindhudurg Addr - Deputy Conservator of forest,Sawantwadi	Item Location - Available Time Source Operator	- January - Available- - ncy- NA and Prior	- 1Nos RTER,Sawantwadi to December Govt NA road,rail,,, training expr- NA
Name - Tent Arctic Type - Specific Equipment Description - Tent Arctic	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location Available Time Source Operator Transport Prior expr in emergen	- January - Available- - ncy- NA and Prior	- 15Nos Quarter -Oros to December Govt yes road,,,, training expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Sumo	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Available Time Source Operator Transport Prior expr in emergen	- January - Available- - ncy- NA and Prior	- 1Nos Police Station to December Govt yes road,,,, training expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Sumo	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location Available Time Source Operator Transport Prior expr in emergen	- January - Available- - ncy- NA and Prior	- 1Nos Police Station to December Govt yes road,,,, training expr- NA

Item No - 252	Dept Name - police Department	Nos/Quantity	Available -	1Nos
	Sindhudurg	Item Location -	Sawantwadi Polio	ce Station
vehicle	Addr - Office of the Superitendent	Available Time	- January to	December
Type - Specific Equipment	of Police	Source	-	Govt
Description - Sumo	Contact - SP	Operator	Available-	yes
	Addr - Office of the Superitendent	Transport	-	road,,,,
	of Police	Prior expr in emergen	cy- NA and Prior train	ning expr- NA
	Tel.No - 02362-228200,02362-	Last updated on 5/25/2	2015	
	228204,			
	Mobile -			
	Fax - 02362-228205			
	Email-			

District Resource Inventory

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RC/DM NAME-Shri Uday Ch	naudhari IAS CONTACT ADDR- Colle NOs- 02362-228844,02362-22884	ector Office, Sindhudurgnagari, Sindhudurg - 416 47 EMAIL- collcol.si-mh@nic.in	812TEL
NODAL PERSO	N-Shri. Vijay Joshi DEPT-Revenue	Department DESGResidencial Dy. Collector	
ITEM DETAILS	DEPARTMENT/AGENCY DETAILS	ITEM'S INFORMATION	
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Bolero	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Banda Police tAvailable Time - January to De Source - Operator Available- tTransport - Prior expr in emergency- NA and Prior training e	1Nos Station cember Govt yes road,,,, expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Bolero	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent of Police	Item Location - Vijaydurg Police tAvailable Time - January to De Source - Operator Available-	1Nos Station cember Govt yes road,,,, expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Sumo	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Aachara Police tAvailable Time - January to De Source - Operator Available- tTransport - Prior expr in emergency- NA and Prior training e	1Nos Station cember Govt yes road,,,, expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Bolero	Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent of Police	Item Location - Nivati police tAvailable Time - January to De Source - Operator Available-	1Nos station cember Govt yes road,,,, expr- NA

Contact - superitendent of police Addr - Office of the Superitendent of Police	Item Location - tAvailable Time - Source Operator tTransport Prior expr in emergency Last updated on 5/25/20	vailable - 1Nos Dodamarg Police Station January to December - Govt Available- yes - road,,,, - NA and Prior training expr- NA 15
Contact - superitendent of police Addr - Office of the Superitendent	Item Location - tAvailable Time - Source Operator tTransport Prior expr in emergency	vailable - 1Nos Local Crime Branch,Office January to December - Govt Available- yes - road,,,, - NA and Prior training expr- NA 15
Contact - superitendent of police Addr - Office of the Superitendent	Item Location - tAvailable Time - Source Operator tTransport Prior expr in emergency Last updated on 5/25/20	vailable - 1Nos SP Office,Sindhudurgnagari January to December - Govt Available- yes - road,,,, - NA and Prior training expr- NA 15
Contact - superitendent of police Addr - Office of the Superitendent	Item Location tAvailable Time - Source Operator tTransport Prior expr in emergency	vailable - 1Nos - Traffic Department January to December - Govt Available- yes - road,,,, - NA and Prior training expr- NA 15
Contact - superitendent of police Addr - Office of the Superitendent	Item Location - M tAvailable Time - Source Operator Transport Prior expr in emergency Last updated on 5/25/20	vailable - 1Nos Moor Transport Department January to December - Govt Available- yes - road,,,, - NA and Prior training expr- NA 15
Contact - superitendent of police Addr - Office of the Superitendent	Item Location - M tAvailable Time - Source Operator tTransport Prior expr in emergency Last updated on 5/25/20	vailable - 4Nos Notor Transport Department January to December - Govt Available- yes - road,,,, - NA and Prior training expr- NA 15

Name - 4 wheel drive vehicle Type - Specific Equipment Description - Qualis	Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent of Police Tel.No - 02362-228200,02362- 228204, Mobile - Fax - 02362-228205 Email-	Item Location - Available Time - Source Operator Transport Prior expr in emergency- Last updated on 5/25/201	
	Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent	Item Location - Available Time - Source Operator Transport Prior expr in emergency-	ailable - 1Nos SP Office,Sindhudurgnagari January to December - Govt Available- yes - road,,,, NA and Prior training expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment	Dept Name - deputy director social forestry division Sindhudu Addr - C BLOCK ADMINISTRATION BUILDING SINDHUDURGNAGARI Contact - Deputy Director Social Forestry Addr - C BLOCK ADMINISTRATION BUILDING,SINDHUDURGNAGARI Tel.No - 02362-228716, Mobile - 9423051570 Fax - 02362-228716 Email- ddsindhudurg@gmail.com	Item Location - Office ForestryDivision Available Time - Source Operator Transport	,Sindhudurg January to December - Govt Available- NA - road,,,, NA and Prior training expr- NA
	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industria Available Time - Source Operator Transport	ailable - 1Nos I Training Institute,Sawantwadi January to December - Govt Available- yes - road,,,, NA and Prior training expr- NA
Item No - 252 Name - 4 wheel drive vehicle Type - Specific Equipment Description - Indica	Addr - Baherchawada,Sawantwadi Contact - Principal Addr - I.T.I.Sawantwadi Tel.No - 02363-272136,, Mobile - 9890628139	Item Location - Industria Available Time - Source Operator Transport	ailable - 1Nos I Training Institute,Sawantwadi January to December - Govt Available- yes - road,,,, NA and Prior training expr- NA 015
Item No - 252 Name - 4 wheel drive vehicle Type - Specific Equipment Description - TATA SUMO JEEP	Guard,Sindhudurg Addr - collector office building,sindhudurg Contact - District commandant,Homeguard Sindhudurg	Item Location - Home Available Time - Source Operator Transport	ailable - 01Nos guard district head quarter January to December - Govt Available- yes - road,,,, NA and Prior training expr- NA 5

Contact - superitendent of police Addr - Office of the Superitendent	Item Location - Available Time - Source Operator Transport Prior expr in emergenc	Available - 1Nos Home DYSP Head Quarter - January to December - Govt Available- yes - road,,,, y- NA and Prior training expr- NA 015
Contact - superitendent of police Addr - Office of the Superitendent	Item Location Available Time - Source Operator Transport Prior expr in emergenc	Available - 2Nos - Dysp Kankavali - January to December - Govt Available- yes - road,,,, y- NA and Prior training expr- NA 015
Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent	Item Location - Available Time - Source Operator Transport Prior expr in emergenc	Available - 2Nos Motor Transport Department - January to December - Govt Available- yes - road,,,, y- NA and Prior training expr- NA 015
Contact - SP Addr - Office of the Superitendent	Item Location - Available Time - Source Operator Transport Prior expr in emergenc	Available - 1Nos - Kudal Police Station - January to December - Govt Available- yes - road,,,, y- NA and Prior training expr- NA 015
Contact - SP Addr - Office of the Superitendent	Item Location - Available Time - Source Operator Transport Prior expr in emergenc	Available - 1Nos Malvan Police Station - January to December - Govt Available- yes - road,,,, y- NA and Prior training expr- NA 015
Contact - SP Addr - Office of the Superitendent of Police	Item Location - Available Time - Source Operator Transport	Available - 1Nos Kankavali Police Station - January to December - Govt Available- yes - road,,,, y- NA and Prior training expr- NA 015

Name - 4 wheel drive vehicle Type - Specific Equipment Description - Sumo	Addr - Office of the Superitendent of Police Contact - SP Addr - Office of the Superitendent	Item Location - Devgad Police Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 5/25/2015
Name - 4 wheel drive vehicle Type - Specific Equipment	Division No.1,Konalkatta Addr - Konalkatta ,Tal-Dodamarg Contact - Executive Engineer Addr - Konalkatta ,Tal-Dodamarg Tel.No - 02363-252042,, Mobile -	ItemLocation-konalkattaOfficeAvailableTime-JanuarytoDecemberSource-GovtOperatorAvailable-yes
Name - 4 wheel drive vehicle Type - Specific Equipment	Addr - Medium Project Department ,Aambadpal Contact - Executive Engineer Addr - A/P Mulade,Tal-Kudal ,Dist- Sindhudurg	Item Location - Mohammadwadi Project ,Kudal Available Time - January to December Source - Govt Operator Available- yes
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		ector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL
NODAL PERSO	DN-Shri. Vijay Joshi DEPT-Revenue	Department DESGResidencial Dy. Collector
ITEM DETAILS	DEPARTMENT/AGENCY	ITEM'S INFORMATION
Name - 4 wheel drive vehicle Type - Specific Equipment	Addr - Medium Project Department ,Aambadpal Contact - Executive Engineer Addr - A/P Mulade,Tal-Kudal ,Dist- Sindhudurg Tel.No - 02362-244241,, Mobile -	Item Location - M.I.S.No.2,Kankavali Available Time - January to December Source - Govt Operator Available- yes
	Fax - Email- kudal.mpd8@gmail.com	

Item No - 252 Name - 4 wheel drive vehicle Type - Specific Equipment Description - 4 wheeler drive vehicle -Jeep	Addr - Collector Office Building,`C`Wing ,Sindhudurgnagari Contact - Executive Engineer Addr - Shri.S.D.Rawal ,Collector Office Building,`C`wing ,	Item Location - 1-Divisional Office Oros,1-Sub Divisional Office Kankavali,1-Sub Divis Available Time - January to December Source - Govt Operator Available- yes
Name - 4 wheel drive vehicle Type - Specific Equipment	Contact - Tahasildar Kudal Addr - Tahasill Office,Kudal Tel.No - 02362-222525,, Mobile - 9423090301	Item Location - Tahasill Office,Kudal Available Time - January to December Source - Govt Operator Available- yes
Name - 4 wheel drive vehicle Type - Specific Equipment	forest,Sindhudurg Contact - Deputy conservator of forest ,Sindhudurg Addr - Deputy Conservator of forest,Sawantwadi	Filtem Location - Range office Kudal ,Sawantwadi Available Time - January to December Source - Govt Operator Available- yes
	Addr - Office of the Superitendent of Police Contact - Superitendent of Police Addr - Office of the Superitendent	Item Location - Sindhudurgnagari Police station Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
	Addr - Office of the Superitendent of Police ContactSuperitendent of Police Addr - Office of the Superitendent	Item Location - Nivati Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA
Name - 4 wheel drive vehicle Type - Specific Equipment	Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes

Name - 4 wheel drive vehicle Type - Specific Equipment Description - Indica Vista	Addr - A/P Kumbharmaath Tal- Malvan Contact - Principal Addr - A/P Kumbharmaath Tal- Malvan Tel.No - 02365-251516,02365- 251056, Mobile - 9833162330 Fax -	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes
	Email- itimalvan@yahoo.com	
Name - 4 wheel drive vehicle Type - Specific Equipment	Addr - Executive Engineer M.I.Department,,Oros Contact - Executive Engineer Addr - Executive Engineer M.I.Departmen	Item Location - Sindhudurgnagari office Available Time - January to December Source - Govt
Name - 4 wheel drive vehicle Type - Specific Equipment Description - Jeep	Addr - Medium Project Department ,Aambadpal Contact - Executive Engineer Addr - A/P Mulade,Tal-Kudal ,Dist- Sindhudurg Tel.No - 02362-244241,,	Item Location - Deoghar M.I.Project sub division no.2,phondaghat Available Time - January to December Source - Govt
Item No - 252	Dept Name - Water Resourse	Nos/Quantity Available - 1Nos
Name - 4 wheel drive vehicle Type - Specific Equipment Description - 4 wheel drive vehicle -Mahindra Scorpio	Department Addr - Medium Project Department ,Aambadpal Contact - Executive Engineer Addr - A/P Mulade,Tal-Kudal ,Dist- Sindhudurg Tel.No - 02362-244241,,	Item Location - Medium Project Division Aambadpal ,Tal- Kudal Available Time - January to December Source - Govt
Name - 4 wheel drive vehicle Type - Specific Equipment	Addr - Bijalinagar,Kankavali ,Tal- Kankavali Contact - Block Development Officer,Kankavali Addr - Panchayat Samiti	Item Location - Panchayat Samiti,Kankavali Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck Type - Specific Equipment Description - Truck	Department ,Kudal Addr - P.W.D.Kudal,At-Kankavali Contact - Executive Engineer Addr - P.W.D.Kudal,At-Kankavali Tel.No - 02367-232124,02367- 230092,	Available Time - January to December Source - Govt Operator Available- yes

Name - Truck Type - Specific Equipment	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207 Mobile - 9850298800 Fax - 02367-232015 Email- msrtcsnd@rediffmail.com	Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck Type - Specific Equipment Description - 1)MTQ-6751 2)MTD-8683		Item Location - M.S.R.T.C.Kankavali Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck Type - Specific Equipment	Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207	Item Location - Sawantwadi Depot Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck Type - Specific Equipment	Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207	Item Location - Malvan Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck Type - Specific Equipment Description - MTF-9612	Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207	Item Location - Kankavali Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015
Name - Truck	Transport Company Addr - Kankavali,Dist-Sindhudurg Contact - Divisional Controller Addr - Mr.C.R.HASABNIS Tel.No - 02367-232122,02367- 232050,02367-232207	Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 10/30/2015

		Truck	Transport Addr - Kankava Contact - Div Addr - Tel.No - 023 232050,02367- Mobile - Fax -		Item Available Source Operator Transport Prior expr ir	Location Time	- January - Available- ncy- NA and Pr	Kudal to	Depot December Govt yes road,,,,
	- Specific	Truck Equipment	Transport Addr - Kankava Contact - Div Addr - Tel.No - 023 232050,02367- Mobile - Fax -	9850298800	Item Available Source Operator Transport Prior expr in	Location Time	- January - Available- - Incy- NA and Pr	M.S.R.T. to	C.Kankavali December Govt yes road,,,,
Item Name Type - Descrij 40 pas	- 1	Mini Bus	Transport Addr - Kankava Contact - Div Addr - Tel.No - 023 232050,02367- Mobile - Fax -	- Maha.St.Roac Company ali,Dist-Sindhudurg visional Controller Mr.C.R.HASABNIS 367-232122,02367- 232207 9850298800 02367-232015 d@rediffmail.com	Item I Available Source Operator Transport Prior expr in Last updated	Location Time n emergen	- Ka January - Available- - ncy- NA and Pr	- ankavali to ior traini	2Nos Depot December Govt yes road,,,, ng expr- NA
Descri	- I Specific	Mini Bus Equipment	Transport Addr - Kankava Contact - Div Addr - Tel.No - 023 232050,02367- Mobile - Fax -		Item Available Source Operator Transport Prior expr in Last updated	Location Time	- January - Available- - ncy- NA and Pr		Govt yes road,,,,

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RC/DM NAME-Shri Uday Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847 EMAIL- collcol.si-mh@nic.in

NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESG.-Residencial Dy. Collector

ITEM DEPARTMENT/AGENCY DETAILS DETAILS		ITEM'S INF	ORMATION		
Item No -Dept Name - Maha.St.Road 256 Transport Company Name - MiniAddr - Kankavali,Dist- Bus Sindhudurg Type -Contact - Divisional Controller Specific Addr - Mr.C.R.HASABNIS Equipment Tel.No - 02367-232122,02367- Description 232050,02367-232207 - Mini BusMobile - 9850298800 for 40 Fax - 02367-232015 passengers Email- msrtcsnd@rediffmail.com	Item Loca Available Tim Source Operator Transport Prior expr in e	Av emergency- NA	Dev January - ailable- - and Prior	rgad De to Decem G	Nos epot iber Govt yes id,,,, NA
Specific Contact - Divisional Controller Equipment Addr - Mr.C.R.HASABNIS Description Tel.No - 02367-232122,02367-	Item Lc Available Tim Source Operator Transport	Av emergency- NA	January - ailable- - and Prior		vali

	Fax - 02367-232015 Email- msrtcsnd@rediffmail.com	
257 Name - Bus	Dodamarg Source - Contact - Executive Engineer Operator Available- Addr - Konalkatta , Tal-Transport -	2Nos Office December Govt yes road,,,, expr- NA
257 Name - Bus	AddrOfficeofthe AvailableTime-JanuarytoSuperitendentofPoliceSourceContact-superitendentofOperatorAvailable-policeTransport	1Nos Department December Govt yes road,,,, expr- NA
258 Name Tractor	DeptNameSawantwadi Nos/QuantityAvailable-NagarpalikaItemLocation-SawantwadiMunicipalAddr-Sawantwadi AvailableTime-JanuarytoNagarpalika,SawantwadiSourceContact-ChiefOfficerOperatorAvailable-Addr-SawantwadiTransportNagarpalika,SawantwadiPriorexprinemergency-NANagarpalika,SawantwadiPriorexprinemergency-NATel.No-02363-272044,,,Last updated on 10/30/2015Last updated on 10/30/2015Mobile-9767916777FaxEmail-cosmcsawantwadi@yahoo.com	1Nos Council December Govt yes road,,,, expr- NA
258 Name Tractor Type Specific Equipment Description	Dept Name - Vengurla Nos/Quantity Available - Nagarparishad Item Location - Vengurla municipal Addr - Vengurla Nagarparishad Available Time - January to Office, Vengurla, Dist. Sindhudur Source - g Operator Available- Contact - Chief Officer Transport - Addr - Vengurla Nagarparishad Prior expr in emergency- NA and Prior training Office, Vengurla, Dist. Sindhudur Last updated on 10/30/2015 g Tel. No - 02366-262027,, Mobile - 9823229033 Fax - Email- vmcvengurla@rediffmail.com	1Nos council December Govt yes road,,,, expr- NA
267 Name - VHF Sets Static Type Specific Equipment Description	Dept Name - policeNos/Quantity Available - Department Sindhudurg Item Location Addr - Office of theKDL,MLV,Banda,KAN,VAI,DEV,SAW,VEN,Nivati,DODA,Chowke,As Superitendent of Police ,SP Contact - superitendent ofAvailable Time - January to police Source -	45Nos - achar,Vdurg O December Govt NA ,,,,NA expr- NA

Item No -Dept Name - TAHASIL OFFICENos/Quantity Available 1Nos Item Location kudal 267 KUDAL tahasil office -KUDAL Available Name - VHFAddr Time December Januarv to Sets Static Contact TAHASILDAR Source Govt - Addr Available-Type - Operator yes ,,,,NA Specific Tel.No -02362-222525,, Transport Equipment Mobile 9423090301 Prior expr in emergency-NA and Prior training expr-NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tvkudtah.si-mh@nic.in station Item No - Dept Name - TAHASIL OFFICENos/Quantity Available 1Nos 267 Vengurla Item Location vengurla tahasil office VENGURLA Available Name - VHFAddr January Time December to TAHASILDAR Source Sets Static Contact Govt Туре -Addr - Operator Availableyes ,,,,NA 02366-262053,, Transport Specific Tel.No -9404908586 Prior expr in emergency-Equipment Mobile -NA and Prior training expr- NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tventah.si-mh@nic.in station Item No - Dept Name - TAHASIL OFFICENos/Quantity Available 1Nos SAWANTWADI SAWANTWADI TAHASIL OFFICE 267 Item Location SAWANTWADI Available December Name - VHFAddr -Time January to Sets Static Contact TAHASILDAR Source Govt Type -Addr - Operator Availableyes Tel.No -02363-272028,, Transport ,,,,NA Specific Equipment Mobile 8108417087 Prior expr in emergency-NA and Prior training expr- NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tsawtah.si-mh@nic.in station Item No - Dept Name - TAHASIL OFFICENos/Quantity Available 1Nos MALVAN Item MALVAN tahasil office 267 Location Name - VHFAddr MALVAN Available Time December Januarv to Sets Static Contact TAHASILDAR Source Govt yes Туре -Addr - Operator Available-,,,,NA Specific Tel.No -02365-252045,, Transport 9423405570 Prior expr in emergency- NA and Prior Equipment Mobile training expr- NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tvmaltah.si-mh@nic.in station Item No -Dept Name - TAHASIL OFFICENos/Quantity 1Nos Available 267 Dodamarg Item Location Dodamarg tahasil office DODAMARG Available Name - VHFAddr Time January to December Sets Static Contact TAHASILDAR Source Govt Туре -Addr - Operator Availableyes ,,,,NA Specific Tel.No 02363-256518,, Transport 7588268491 Prior expr in emergency-NA and Prior Equipment Mobile training expr- NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tdodtah.si-mh@nic.in station set Item No - Dept Name - TAHASIL OFFICE Nos/Quantity Available 1Nos KANKAVALI office 267 Item I ocation kankavali tahasil Name - VHFAddr KANKAVALI Available Time January to December -Sets Static Contact TAHASILDAR Source Govt Туре -Addr - Operator Available-NA ,,,,NA 02367-232025,, Transport Specific Tel.No 9503707370 Prior expr in emergency- NA and Prior training Equipment Mobile expr- NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tvkantah.si-mh@nic.in station Item No - Dept Name - SDO OFFICE Nos/Quantity 1Nos Available KANKAVALI Item 267 Location kankavali SDO OFFICE KANKAVALI Available Name - VHFAddr -Time January to December Sets Static Contact - SUB DIVISIONALSource Govt -OFFICER Available-Type Operator yes ,,,,NA Specific Addr - Transport 02367-232092,, Prior expr in emergency-Equipment Tel.No NA and Prior training expr- NA 9867220544 Data entered on 10/30/2015 Description Mobile - vhf baseFax station Email- skansdo.si-mh@nic.in

Item No -Dept Name - SDO OFFICENos/Quantity Available 1Nos KUDAL FAddr -Item Location KUDAL SDO OFFICE 267 -KUDAL Available Name - VHFAddr Time January December to Sets Static Contact - SUB DIVISIONALSource Govt -OFFICER Available-Type Operator yes Specific Addr - Transport road,rail,,, Equipment Tel.No - 02362-223325,, Prior expr in emergency-NA and Prior training expr- NA - 9422833394 Data entered on 11/4/2015 Description Mobile - vhf baseFax station Email- skudsdo.si-mh@nic.in Item No -Dept Name - SDO OFFICENos/Quantity Available 1Nos 267 SAWANTWADI Item Name - VHFAddr - SAWANTWADI Available SDO Item Location Sawantwadi OFFICE Time January December to Sets Static Contact - SUB DIVISIONALSource Govt Туре - OFFICER Operator Availableyes Specific Addr - Transport road,rail,,, Equipment Tel.No -02363-272029,, Prior expr in emergency-NA and Prior training expr- NA Description Mobile -8888992288 Data entered on 11/4/2015 - vhf baseFax Email- ssawsdo.si-mh@nic.in station Item No - Dept Name - TAHASIL OFFICENos/Quantity Available 1Nos DEVGAD office 267 Item Location devgad tahasil Name - VHFAddr devgad Available Time January to December Sets Static Contact TAHASILDAR Source Govt Type -Addr - Operator Availableyes 02367-232025,, Transport ,,,,NA Specific Tel.No -Equipment Mobile 9923897575 Prior expr in emergency-NA and Prior training expr-NA Description Fax - Data entered on 10/30/2015 - VHF BASEEmail- tvdevtah.si-mh@nic.in STATION Item No -Dept Name - TAHASIL OFFICENos/Quantity Available 1Nos VAIBHAVVADI Item Location vaibhavvadi tahasil office 267 VAIBHAVVADI Available Name - VHFAddr -Time December Januarv to Sets Static Contact TAHASILDAR Source Govt yes Туре -Addr - Operator Available-Specific Tel.No -02367-237239,, Transport ,,,,NA Equipment Mobile - 9421625151 Prior expr in emergency- NA and Prior training expr- NA Description Fax - Data entered on 10/30/2015 - vhf baseEmail- tvaitah.si-mh@nic.in station Item No -Dept Name - Collector officeNos/Quantity Available 1Nos 267 Sindhudurg Item Location - DISASTER MANAGEMENT CONTROL ROOM Name - VHFAddr - sindhudurg nagari Available Sets Static Contact - Resident DeputySource Time -Januarv to December Govt Туре -Collector Operator Availableyes Specific Addr - Transport road,rail,,, Equipment Tel.No - 02362-228847,02362-Prior expr in emergency-NA and Prior training expr- NA Description 228845, Data entered on 11/4/2015 - VHF BASEMobile 9890040300 STATION Fax Email- collrdc.si-mh@nic.in -Dept Name - TAHASIL OFFICE Nos/Quantity Item No Available 1Nos 268 VAIBHAVVADI Item Location vaibhavvadi tahasil office Name - VHFAddr -VAIBHAVVADI Available Time December Januarv to Sets Mobile Contact TAHASILDAR Source Govt yes Type -Addr - Operator Available-02367-237239,, Transport ,,,,NA Specific Tel.No -Equipment Mobile -9421625151 Prior expr in emergency-NA and Prior training expr- NA Description Fax - Data entered on 10/30/2015 - VHF SETEmail- tvaitah.si-mh@nic.in MOBILE Item No - Dept Name - TAHASIL OFFICE Nos/Quantity Available 1Nos 268 SAWANTWADI Item Name - VHFAddr - SAWANTWADI Available Item Location tahasil office sawantwadi Time Januarv to December Sets Mobile Contact - SUB DIVISIONALSource Govt -OFFICER Туре ves Operator Available-Specific Addr - Transport road,rail,... Equipment Tel.No -02363-272028,, Prior expr in emergency- NA and Prior training expr- NA Description Mobile -8108417087 Data entered on 11/4/2015 - mobile vhfFax set(office Email- ssawtah.si-mh@nic.in

vehicle)			
268 Name - VHF Sets Mobile Type - Specific Equipment Description	Contact - tahasildar Addr - Tel.No - 02363-272028,, Mobile - 8108417087	Item Location - SAWANTWADI TAHASIL Available Time - January to Source - Operator Available- Transport -	1Nos OFFICE December Govt yes road,rail,,, expr- NA
268 Name - VHF Sets Mobile Type - Specific Equipment Description - MOBILE VHF	Addr - SINDHUDURG NAGARI Contact - Resident Deputy Collector Addr - Tel.No - 02362-228847,02362- 228845, Mobile - 9890040300 Fax - Email- collrdc.si-mh@nic.in	Item Location - SINDHUDURG Available Time - January to Source - Operator Available- Transport -	2Nos NAGARI December Govt yes road,rail,,, expr- NA
268 Name - VHF Sets Mobile Type - Specific Equipment Description - mobile vhf	KANKAVALI Addr - KANKAVALI Contact - SUB DIVISIONAL OFFICER Addr - Tel.No - 02367-232092,, Mobile - 9867220544	Source - Operator Available- Transport -	1Nos OFFICE December Govt yes road,rail,,, expr- NA
Item No - 268 Name - VHF Sets Mobile Type - Specific Equipment Description - VHF	Contact - SUB DIVISIONAL OFFICER Addr - Tel.No - 02363-272029,,	Item Location - Sawantwadi SDO Available Time - January to Source - Operator Available- Transport -	1Nos OFFICE December Govt yes road,rail,,, expr- NA

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 RC/DM NAME-Shri Uday
 Chaudhari IAS CONTACT ADDR- Collector Office, Sindhudurgnagari, Sindhudurg - 416 812TEL NOs- 02362-228844,02362-228847
 EMAIL- collcol.si-mh@nic.in

NODAL PERSON-Shri. Vijay Joshi DEPT-Revenue Department DESG.-Residencial Dy. Collector

ITEM DETAILS DEPARTMENT/AGENCY DETAILS	ITEM'S INFORMATION
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Name - VHF Sets Mobile Type - Specific Equipment	KANKAVALI Addr - Contact - Addr Tel.No - Mobile - Fax	KANKAVALI TAHASILDAR - 02367-232025,, 9503707370	Source Operator	- kankavali - January - Available- - ency- NA and Prior	- 1Nos tahasil office to December Govt yes ,,,,NA training expr- NA
Name - VHF Sets Mobile Type - Specific Equipment	Dodamarg	DODAMARG TAHASILDAR - 02363-256518,, 7588268491 -	Source Operator	- Dodamarg - January - Available- - ency- NA and Prior	- 1Nos tahasil office to December Govt yes ,,,,NA training expr- NA
Item No - 268 Name - VHF Sets Mobile Type - Specific Equipment Description - VHF MOBILE	MALVAN Addr Contact - Addr Tel.No - Mobile - Fax	TAHASILDAR - 02365-252045,, 9423405570	Item Location Available Time Source Operator	•	- 1Nos tahasil office to December Govt yes ,,,,NA training expr- NA
Name - VHF Sets Mobile Type - Specific Equipment	Vengurla	- 02366-262053,, 9404908586 -	Item Location Available Time Source Operator		- 1Nos tahasil office to December Govt yes ,,,,NA training expr- NA
Name - VHF Sets Mobile Type - Specific Equipment	KUDAL Addr Contact - Addr Tel.No - Mobile - Fax	- KUDAL TAHASILDAR - 02362-222525,, 9423090301	Operator	- kudal - January - Available- - ency- NA and Prior	- 1Nos tahasil office to December Govt NA ,,,,NA training expr- NA
Name - VHF Sets Mobile Type - Specific Equipment	DEVGAD Addr Contact - Addr Tel.No - Mobile - Fax	TAHASILDAR - 02367-232025,, 9923897575	Item Location Available Time Source Operator	,	- 1Nos tahasil office to December Govt yes ,,,,NA training expr- NA
Name - VHF Sets Mobile Type - Specific Equipment Description - VHF Sets	Sindhudurg Addr - Office c of Contact - supe Addr - Office c of	Police eritendent of police of the Superitendent Police 362-228200,02362-	Item KDL,MLV,KAN,DEV,V ,Nivati,V.DURG,Aach Available Time Source Operator	ara,SP - January - Available- - ency- NA and Prior	to December Govt yes ,,,,NA

Item No - 268	Dept Name - Regional Port	Nos/Ouantity	Available - 1Nos
Mobile	Board Addr - Manik Chawk,Salgaonkar Building,Vengurla Contact - District Port Officer Addr - Manik Chawk ,Salgaonkar	Available Time Source Operator Transport	ation - Redi - January to December - Govt Available- no - ,,,,NA ncy- NA and Prior training expr- NA 0/2013
Name - Mobile Phone GSM Type - Specific Equipment Description - m.no.9420209729	Addr - Konalkatta ,Tal-Dodamarg Contact - Executive Engineer Addr - Konalkatta ,Tal-Dodamarg Tel.No - 02363-252042,, Mobile -	Item Location Available Time Source Operator Transport	Available - 1Nos - konalkatta Office - January to December - Govt Available- yes - road,,,, ncy- NA and Prior training expr- NA /2015
Name - GPS Hand Sets Type - Specific Equipment Description - GPS HAND SETS	forest,Sindhudurg Contact - Deputy conservator of forest ,Sindhudurg Addr - Deputy Conservator of forest,Sawantwadi Tel.No - 02363-272005,,	Item Location - R ,Kadaval,Kankavali,,D Available Time Source Operator Transport	- January to December - Govt Available- NA - road,rail,air,water, ncy- NA and Prior training expr- NA
Name - Video Camera Digital Type - Specific Equipment Description - Sony HVR	INFORMATION OFFICE Addr - C BLOCK COLLECTOR OFFICE,SINDHUDURG Contact - I/C DISTRICT INFORMATION OFFICER Addr - C BLOCK,COLLECTOR	Item Location - E Available Time Source Operator Transport	Available - 1Nos DISTRICT INFORMATION OFFICE - January to December - Govt Available- yes - road,,,, ncy- NA and Prior training expr- NA /2015
Name - Video Camera Digital Type - Specific Equipment Description - video camera digital-CANON XM-2 PAL	INFORMATION OFFICE Addr - C BLOCK COLLECTOR OFFICE,SINDHUDURG Contact - I/C DISTRICT INFORMATION OFFICER Addr - C BLOCK,COLLECTOR	Item Location - E Available Time Source Operator Transport	Available - 1Nos DISTRICT INFORMATION OFFICE - January to December - Govt Available- yes - road,,,, ncy- NA and Prior training expr- NA /2015
Name - Video Camera Digital Type - Specific Equipment Description - Sony Camera	Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent of Police Tel.No - 02362-228200,02362-	Item Banda, Sindhunagari, A Available Time Source Operator Transport	- January to December - Govt Available- yes - road,rail,air,water, ncy- NA and Prior training expr- NA

Name - Video Camera Digital Type - Specific Equipment Description - Sony-Digita Camera	Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent of Police Tel.No - 02362-228200,02362- 228204, Mobile - 8806881999 Fax - 02362-228205 Email-	Item Location - kDL,MLV,KAN,DEV,VAI,VEN,SAW Plice Station Available Time - January to December Source - Govt Operator Available- yes Transport - road,rail,air,water, Prior expr in emergency- NA and Prior training expr- NA Last updated on 11/4/2015
Name - Video Camera Digital Type - Specific Equipment	Addr - Office of the Superitendent of Police Contact - superitendent of police Addr - Office of the Superitendent of Police Tel.No - 02362-228200,02362-	Item Location - Banda,Sindhunagari,Aacara,V.Durg,Nivati,Doda Available Time - January to December Source - Govt
Item No - 282 Name - Camera Digital Type - Specific Equipment Description - 12 mega pixe camera	Addr - Police Department ISindhudurg Contact - superitendent of police Addr - SP OFFICE Sindhudurgnagari Tel.No - 02362-228200,02362-	Item Location - KDL,MLV,KAN,DEV,VAI,VEN,SAW Police Station Available Time - January to December
Name - Camera Digital	Addr - Bijalinagar,Kankavali ,Tal- Kankavali Contact - Block Development Officer,Kankavali	Item Location - Panchayat Samiti,Kankavali Available Time - January to December Source - Govt Operator Available- yes Transport - road,rail,air,water, Prior expr in emergency- NA and Prior training expr- NA Last updated on 11/4/2015
Name - Camera Digital	INFORMATION OFFICE Addr - C BLOCK COLLECTOR OFFICE,SINDHUDURG Contact - I/C DISTRICT INFORMATION OFFICER Addr - C BLOCK,COLLECTOR	Source - Govt
Name - Camera Digital	Addr - A/P Kumbharmaath Tal- Malvan	Item Location - Industrial Training Institute,Malvan Available Time - January to December Source - Govt Operator Available- yes

Email- itin	nalvan@yahoo.con	n	

List of Websites

- 1) <u>www.idrn.gov.in India disaster Resource Network</u>
- 2) <u>www.ndmindia.nic Natural Disaster management India. Provides current news</u> on Flood, Drought and Cyclones, Weather Links from NIC and weather conditions/temperatures on Indian Ocean
- 3) <u>www.nicee.org</u> The National Information Center of Earthquake Engineering
- 4) <u>www.imd.ernet.in</u> Indian Meteorological Department
- 5) <u>www.asc-india.org</u> Amateur Seismic Centre
- 6) <u>http://ioc.unesco.org/itsu IOC/ UNESCO International Coordination group for</u> the Tsunami Warning System in the Pacific (ICG/ITSU) Paris, France
- <u>http://www.tsunami.org Pacific Tsunami Museum site. Includes answers to</u> frequently asked questions, links and information related to Pacific Ocean tsunamis.
- 8) <u>http://www.csre.ittb.ac.in/rn/resume/landslide/lsl.htm Landslide Information</u>
- System Center of Studies in Resource Engineering, IIT, Mumbai
- 9) <u>http://landslides.usgs.gov USGS National landslide Hazards Program</u>
- 10) www.cwc.nic.in Central Water Commission of India
- 11) <u>http://www.envfor.nic.in Ministry of Environment and Forests</u>
- 12) <u>http://www.iifm.org/databank/index.html Forest Information Service a</u> comprehensive Internet information bank on forest and related resources in India and around the world, prepared by Indian Institute of Forest Management, Bhopal.
- 13) <u>www.ipaindia.org Loss Prevention Association of India ltd. (LPA) is engaged</u> in promoting safety and loss control through education, training and consultancy.
- 14) www.yashada.org Yashwantrao Chavan Academy of Development Administration
- 15) www.dmibpl.org Disaster Management Institute
- 16) <u>http://www.nidm.net</u> National Institute of Disaster Management
- 17) http://dst.gov.in Department of Science and Technology
- 18) <u>http://www.icar.org.in/ Indian Council for Agriculture and Research</u>
- 19) <u>http://www.iirs-nrsa.org/ Indian Institute of Remote Sensing</u>
- 20) http://www.bis.org.in Bureau of Indian Standards
- 21) http://www.gsi.gov.in/ Geological Survey of India
- 22) http://gov.ua.nic.in/dmmc/ Disaster Mitigation and Management Centre
- 23) http://ncdcnagpur.nic.in/ National Civil Defence College