



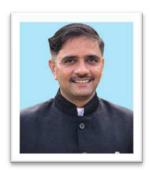
# District Disaster Management Plan

**GANJAM, ODISHA** 

Volume - I

District Disaster Management Authority
Ganjam-761020, Odisha, India





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# **Foreword**

The District Disaster Management Plan (DDMP) -2019 of Ganjam is a documentation of various resources available, preparedness and element of approaches to deal with disaster situation. The recent calamities i.e. Very Severe Cyclonic Storm-TITLI& subsequent flood, Cyclonic Storm-PHETHAI and Very Severe Cyclonic Storm-FANI are the ones of understandable nature's fury, miseries and loss to the people of this district. Preparedness in all required fields, planning and event management need emphasis in order to bring down the miseries and loss reasonably while confronting the inevitable disasters. The objective is that the ecological problems, distress, damaging impacts on vegetation, flora and fauna needs to be addressed properly by real time response. Above all, the provisions of Disaster Management Act-2005 mandate preparation of an updated annual plan. We acknowledge the valuable service rendered by the officials of various fields and line Departments as well as sharing their data in bringing the DDMP-2019 updated against the one last year.

We hope the present plan (DDMP-2019) will cater to the need of the concerned officials and Line Departments of this district to enhance their performance to effectively deal with the disasters. Yet, further suggestion, feedback and any innovative ideas are welcome to enrich this plan.





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# **Foreword**

The District Disaster Management Plan (DDMP) is an essential component of approaches to identify disaster prone areas, problems in disaster situation and to establish a trigger mechanism in form of well-coordinated and participatory disaster management initiatives by stakeholders. It is the need, the disaster management establishments should work on total risk management and make the people increasingly disaster resilient. The equipment, skilled manpower and critical supplies are included in the inventory resources of DDMP. Health care facilities, Control Room of various departments, ambulances, public health centers. Government/private hospitals and several issues concerned with Disaster Management have been broadly included in this plan. There is need to integrate all aspects of Disaster Risk Reduction activities with the normal development and planning at all levels. As a whole this is our literal effort to promote a culture of prevention and preparedness among individuals and institutions basing on the experience on recurring disasters like flood, cyclone, drought etc.

Let us work together to reduce the disaster risk in the interest of the people of the district.

### ABBREVIATION

AAO : Assistant Agriculture Officer

ACSO : Assistance Civil Supply Officer

ADMO : Additional District Medical Officer

ADVO : Additional District Veterinary Officer

ASHA : Accredited Social Health Activist

AWW : Anganwadi Worker

BEO : Block Education Officer

CDMO : Chief District Medical Officer

CDVO : Chief District Veterinary Officer

CPR : Cardio Pulmonary Resuscitation

CSO : Civil Supply Officer

DAO : District Agriculture Officer

DAO : District Accounts Officer

DDMA : District Disaster Management Authority

DDMP : District Disaster Management Plan

DEO : District Education Officer

DEOC : District Emergency Operation Centre

DLO : District Labour Officer

DM : Disaster Management

DPM : District Programme Manager

DPO (RMSA) : District Programme Officer, Rashtriya Madhyamik Shiksha Abhiyan

DPO (SSA) : District Programme Officer, Sarva Shiksha Abhiyan

DRR : Disaster Risk Reduction

DSS : Distribution Substations

DSWO : District Social Welfare Officer

HR : Human Resource

HRVCA : Hazard Risk Vulnerability and Capacity Analysis

Labour Inspector

Livestock Inspector

MI : Marketing Inspector

MO : Medical Officer

# ABBREVIATION

MVI : Motor Vehicle Inspector

MSK : Medvedev, Sponheuer and Karnik Scale

NDMA : National Disaster Management Authority

NDRF : National Disaster Response Force

NEC : National Executive Committee

NGO : Non-Government Organization

ORS : Oral Rehydration Solution

Paravet : Para Veterinary

PSS : Primary Substation

PwD : Person's with Disability

RI : Revenue Inspector

RTO : Regional Transport Officer

SAR : Search and Rescue

SDMA : State Disaster Management Authority

SDWO : Sub-Divisional Welfare Officer

SEC : State Executive Committee

Supply Inspector

SLCNC : State Level Committee on Natural Calamity

SOP : Standard Operating Procedure

TO : Treasury Officer

VAW : Village Agriculture Worker

VDS : Veterinary Dispensaries

Vet : Veterinary



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#### **INTRODUCTION:**

As defined in Section 30 of Disaster Management Act (D.M. Act) 2005, DDMA shall act as the district planning; coordinating and implementing body for disaster management and take all measures for the purpose of disaster management in the district in accordance with the guidelines laid down by the National Authority and the State Authority.

Section 31 of D M Act- 2005 makes it mandatory to have a disaster management plan (DDMP) for every district. DDMP shall include Hazard Vulnerability, Capacity and Risk Assessment (HVCRA), Prevention, Mitigation, Preparedness measures, Response Plan and procedures. Under the D.M. Act 2005, it is mandatory on the part of District Disaster Management Authority (DDMA) to adopt a continuous and integrated process of planning, organization, coordination and implementation of measures. These processes are to be incorporated in different developmental plans under the different govt. departments.

Ganjam District lies on the coastline of Bay of Bengal. The district is mostly affected by Cyclone, Flood, Drought & Heat Wave. The sea side villages are vulnerable to sea surge & Tsunami too. The peculiar housing pattern especially thatched ones in rural areas are more susceptible to fire accident. So the disaster management of this district warrants a comprehensive plan encompassing institutional mechanism, complete awareness and preparedness among communities, role & responsibility of different stakeholders and their preparedness to deal with verities of calamity. It is important that all measures are put in place, community outreach initiatives are taken, advance forecast of warnings are disseminated for alerting public, administrative units and different line Departments observe preparedness with man and materials. The final aim is comprehensive preparedness and commitment to tackle disasters and crisis with necessary response.

Disaster management and disaster operations in the district are consistent with the Disaster Management Strategic Policy Framework. This is achieved by:

- Promoting a transparent, systematic & consistent approach to disaster risk assessment and management, based on the National Disaster Management Policy / Act.
- Ensuring a comprehensive, all hazards, all agencies approach
- Having a right balance of prevention, preparedness, response and recovery;



- Supporting the mainstreaming of disaster preparedness and mitigation into relevant areas of activity of government, non-government, small business houses and corporations;
- Aligning disaster risk reduction activities with climate change adaptation policy and with international and national reforms
- Recognizing the role play and commitment of all stakeholders and the need for collaboration across all levels of government, community, industry, commerce, government owned corporations, private and volunteer organizations, and local communities in disaster management;
- Promoting community resilience and economic sustainability through disaster risk reduction.

#### 1.1 Aims and Objectives of the DDMP:

The District Disaster Management Plan, Ganjam has been formulated with a view to create an effective, authentic and accurate data base enabling one to communicate and react efficiently to disaster situations & crisis. It is a full proof document capable of organizing rehearsal in the community in the shortest possible time with minimum simple orders and procedures so that the people will get maximum benefit. The plan document envisages that the Community shall actively participate at all levels with optimum utilization of men, materials, machines available with them with no gaps or no overlaps to prevent loss of lives and minimize loss of property.

The purpose of the present document is also meant for ensuring speedy approach for rescue, rehabilitation and to avert further miseries of the calamity stricken people. There is a gadget based on the principle that a friend in need is a friend indeed. The DDMP will act as a true friend, which will, guide the entire administration machinery & community as well at the time of disaster preparedness and at the time of relief operation. It will not only provide guidance but also provide courage to the community to face the eventuality bravely and boldly. This is an attempt towards evolving a systematic, comprehensive and holistic approach to all disasters, natural as well as manmade. It was felt that prevention is more cost-effective than the cost of post-disaster relief and rehabilitation, whereas some of its broad objectives are:

- To identify the areas vulnerable to major types of the hazards in the district.
- To adopt proactive measures at district level by all the govt. departments to prevent disaster and mitigate its effects.
- To define and assign different tasks and responsibilities to stakeholders during the predisaster and post-disaster phases.



- To enhance disaster resilience of the people in the district by way of capacity building.
- Reduce the loss of public and private property, especially critical facilities and infrastructure, through proper planning.
- Manage future developments to mitigate the effect of natural hazards in the district.
- To develop the standardized mechanism to respond to different disaster situations.
- To prepare a response plan based upon the guidelines issued by the State so as to provide prompt relief, rescue and search support in the disaster affected area.
- To adopt disaster resilient construction mechanism in the district by way of using Information, Education and Communication for making the community aware of the need of disaster resilient future development.
- To make the use of media in disaster management.
- Rehabilitation plan of the affected people and reconstruction measures to be taken by different govt. departments at district level and local authority.

#### 1.2 <u>Preparation and Approval of DDMP</u>:

The District Disaster Management Plan (DDMP) is the guide for achieving the objective i.e. mitigation, preparedness, response and recovery. This Plan needs to be prepared to respond to disasters with sense of urgency in a planned way to minimize human, property and environmental loss. As per revised guidelines, the district Collector will discuss the modalities and seek views for preparation of a holistic plan in the meeting of the DDMA to be held in the month of January and to prepare the plan by the end of February every year (excluding current year). After finalization the District Authority shall send a copy of the District DM plan to the State Disaster Management Authority for approval.

# 1.3 <u>Evolution of DDMP in brief: Evolution, Procedure and Method-ology followed for preparation of DDMP</u>

After enactment of D.M.Act-2005, the State authority directed the district authority to take initiative for preparation of a District Disaster Mgmt. Plan. Accordingly, DDMP, Ganjam-2005 was prepared and was updated in successive years till 2018.



- Prior to preparation of DDMP-2019, all DDMA members and line Deptts. and other stake holders were invited for a consultative meeting on 25th May, 2019. All were made aware of the revised guidelines and templates for preparation of DDMP.
- All stake holders were provided the required set of questionnaires/ formats etc. during the meeting and were requested to furnish the same by due time lines.
- Accordingly required information was obtained and draft DDMP was prepared in two Volumes.
- The District Disaster Management Plan (DDMP) helps to bring together the information related to equipments, skilled manpower and critical supplies available in the district.
- The present DDMP helps to know the Standard Operating Procedures (SOPs.) of various departments at the time of disaster. The role and responsibility of each and every line department as well as the officers can be detected at the time of disaster.
- It helps the district administration to assess its own capacity in terms of available resources and get ready to mitigate any unexpected disaster effectively and to prevent the loss of human lives and property through preparedness, prevention & mitigation efforts.

#### 1.4 <u>Stakeholders and their responsibilities</u>:

At the District level, District Disaster Management Authority, with the District Collector designated as the Response Officer (RO) and other line departments at district HQ are responsible to deal with all phases of disaster management within district.

Other technical institutions, community at large, local self-governments, NGOs etc. are also stakeholders of the District Disaster Management Plan.

#### 1.4.1 The District Collector has the following duties:

- To facilitate and coordinate with local Government bodies to ensure that pre and post disaster management activities are carried out in the district smoothly.
- To assist in community training & awareness programmes and the installation of emergency facilities with the support of local administration, non-governmental organizations and the private sector.
- To function as a leader of the disaster response team and take appropriate actions to smoothen the response and relief activities to minimize the adverse impact of disaster.
- To recommend the Special Relief Commissioner and State Government for declaration of disaster.



#### 1.4.2 Local Authorities have the following duties:

- To provide assistance to the District Collector in disaster management activities.
- To ensure training of its officers and employees and maintenance of resources so as to make those readily available for use, in the event of a disaster.
- To undertake capacity building measures and create awareness and sensitization among the community.
- Trust / Organizations managing Places of Worships & Congregation will be identified as
  critical infrastructure and shall prepare on-site and off-site Disaster management plan,
  carry out mitigation, response, relief, rehabilitation and reconstruction activities.

#### 1.4.3 Private Sector:

- The private sector is encouraged to ensure their active participation in the pre-disaster activities in alignment with the overall plan developed by the DDMA or the Collector.
- They should adhere to the relevant rules regarding prevention of disasters, as may be stipulated by relevant local authorities.
- As a part of CSR, undertake DRR projects in consultation with district collector for enhancing district's resilience.

#### 1.4.4 Community Groups and Volunteer Agencies:

- Local community groups and voluntary agencies including NGOs normally help in prevention and mitigation activities under the overall direction and supervision of the DDMA or the Collector.
- They should be encouraged to participate in all training activities as may be organized and should familiarize themselves with their role in disaster management.

#### 1.4.5 Citizens:

• It is the duty of every citizen to assist the District Collector or such other person entrusted with or engaged in disaster management whenever demanded generally for the purpose of disaster management.



#### 1.5 Plan for review and updating: Periodicity:

- Dissemination The plan must be disseminated to use at all level in the district for effective disaster management.
- Revise and Maintain Planning teams should establish a process for reviewing and revising the plan. Reviews should be a recurring activity. Review on an annual basis is considered minimum. It should be mandatory to consider reviewing and updating the plan after the following events:
- i) A major incident.
- ii) A change in operational resources (i.e., policy, personnel, organizational structures, management processes, facilities, equipment).
- iii) A formal update of planning guidance or standards.
- iv) Major exercises.
- v) A change in the district's demographics or hazard or threat profile.
- vi) The enactment of new or amended laws or ordinances.
- vii) Valuable inputs from actual disasters.
- viii) Lessons learnt from near-miss incidents
- ix) Technological developments / innovations in identifying poetential hazards.
- x) Changes in regulatory requirements.
- xi) Updation of databases using GIS.
- xii) Changes in geo-political environments.

The responsibility for the coordination of the development and revision of the basic plan, annexes, appendices and implementing instructions must be assigned to the appropriate person.

It is recommended that a DDMP be internally reviewed on a yearlybasis and either be updated or reaffirmed. The updates or reaffirmed document may also be used to summarize the complishments of the past year and help the administration to prioritize mitigation goals for the next year.





#### **DISTRICT PROFILE:**

#### 2.1 History & Location:

The knowledge of the past history of Ganjam district is limited to the rock edicts and the inscriptions of the earlier kings and the rulers. Following the historical records of Ganjam, the district has derived its name from the word "Ganj-i-am" meaning the "granary of world." Among the 13 rock edicts of Ashoka, one was found in the present Jaugada area of the Ganjam district, which clearly indicates that the present tract of Ganjam was a part of the Kalinga Empire, which was under the jurisdiction of Ashoka. As the history of Gajapati depicts, Ashoka conquered the entire part of Ganjam including the Jaugada Parbat, where the rock edict of Ashoka has been deciphered in 261 B.C. However, after the disappearances of the Mauryan empire and the downfall of their absolute supremacy, the Ganjam region was also disappeared from the political scenario of Odisha and was in a dark oblivion till in 1761. When the French arrived, Ganjam was subdivided into a several parts each owned by a number of federal chiefs. But the French were not destined to be at the helm of the administration of the Ganjam district for long and shortly the English invaded the French settlement in Deccan and finally became victorious. Consequentially the French had to cede all their jurisdictional territory to the British including Ganjam, who annexed it to the English territory in 1759. In 1794 with the establishment of the Collector Office of the English, commenced the historical era of the British imperialism in Ganjam.

Following the historical documents of Ganjam, it has been deciphered that the headquarter of the district of Ganjam has undergone several changes and has been shifted from one place to another. In 1855, the original headquarter of Ganjam was abandoned owing to the eruption of the epidemic fever in the town for which near about 80% of the population of the town was reduced. Temporarily the capital was shifted to Gopalpur and then to the Berhampore and finally to However, the English chiefs were not ready to manage the administrative Chatrapur around 1902. activities of Ganjam as a subdivision of Madras Presidency. The district of Ganjam was far away from the Madras Presidency and the British do not find it easy to control the administrative activities far from Madras. Hence they wanted to merge it with the province of Odisha. The district of Ganjam was separated from the Madras Presidency and was merged with Odisha Province in the year of 1936 as is deciphered from the available historical documents of Ganjam. The reorganized district of Ganjam, which is annexed with the Odisha province is constituted of whole of Ghumusor, Chatrapur and Baliguda divisions, part of old Berhampur taluk, part of old Ichapur taluk, part of Parlakhemundi plains area and the whole of Parlakhemundi agency area in the old Chicacola division. According to the recent available documents and the modified plans of the state Government of Odisha, from the



present district of Ganjam is separated 7 blocks of Paralakhemundi Subdivision, which is merged with the newly formed district of Gajapati. Hence the present district of Ganjam is constituted with 3 subdivisions, 22 blocks, 23 Tahasils.

(Location): Ganjam district is one of the south-east located districts in Odisha. It lies between 84°9' to 85°11' east longitude and between 19°0' to 20°17' North latitude. It is bounded by the Nayagarh district in North, Gajapati district in south, Puri & Khordha district in the east and Kandhamala district in the west. The coastline of the Bay of Bengal stretches over 60 km. It provides unique opportunity for fishing and port facility at Gopalpur for international trade. The rivers like Rushikulya, Badanadi, Dhanei, Baghua, Bahuda, Ghodahada are flowing in this district. The Chilika Lake which attracts tourists, known for its scenic beauty and a marvelous bird's sanctuary is situated in the eastern part of this district.

#### 2.2 <u>Administrative Setup</u>:

The Ganjam District is constituted of 3 sub-divisions, 22 blocks, 23 Tahasils and 17 NACs & a Municipal Corporation. It has a population of 35,29,031 (2011 census). It is the 5th largest district in Odisha and 93th largest in India in terms of total area. Ganjam is most populous district of Odisha state and it is 83 rd most populous district in India. The population density of Ganjam is 429 persons per square Km. It is 9th most densely populated district of Odisha and 291th most densely populated district in India.

#### Other Fast Facts:

Gram Panchayat	503
·	
No. of Villages	3250
No of R.I Circle	199
Medical College	1
No. of C.H.C	30
Primary Health Centre	7
PHC (N)	90
Primary Health Sub-Centre	460
No. of Homeopathic dispensary	38
No. of Ayurvedic dispensary	42



Sub- Division	Tahasil	No. of GPs	No. of Village	Urban Local Bodies
	1. Chatrapur	17	88	1. Chatrapur NAC
	2. Ganjam	15	113	2. Ganjam NAC
	2. Garijarri		113	3. Rambha NAC
<u> ۳</u>	3 .Khalikote	29	238	4.Khalikote NAC
CHATRAPUR	4. Kodala	23	175	5. Kodala NAC
HAT TAT	5. Purushottampur	26	100	6. Purusottampur NAC
ם ו	7. Polasara	26	126	7. Polasara NAC
	6. Kabisuryanagar	21	81	8. Kabisuryanagar NAC
	8. Hinjilcut	21	56	9.Hinjili NAC
	Total	178	977	
	1. Konisi	32	92	1. Gopalpur NAC
	2. Kukudakhandi	22	96	-
<u>~</u>	3. Digapahandi	25	239	2. Digapahandi NAC
BERHAMPUR	4. Sanakhemundi	26	162	-
HA!	5. Chikiti	17	142	3. Chikiti NAC
BER	6. Patrapur	23	352	-
	7. Berhampur	-	34	4. Berhampur MC
	Total	145	1117	
	1. Bhanjanagar	22	143	1. Bhanjanagar NAC
	2. Bellaguntha	17	93	2. Belaguntha NAC
~	3. Jagannathprasad	25	148	-
PGA	4. Aska	27	109	3. Aska NAC
BHANJANAGAR	5. Dharakote	18	181	-
Y	6. Sorada	26	270	4. Sorada NAC
8	7. Sheragada	24	114	-
	8. Buguda	21	102	5. Buguda NAC
	Total	180	1160	
	GRAND TOTAL	503	3254	



#### 2.3 Climate & Rain fall:

The district is characterized by an equable temperature all through the year, particularly in the coastal regions and by high humidity. The cold season from December to February is followed by hot season from March to May. The period from June to September marks the South West Monsoon and 70% of annual precipitation is received during this period. The normal rain fall of this district is 1276.20 m.m. May is the hottest month. With the arrival of the monsoon by about the second week of June the day temperature decreases slightly while the night temperature continues as usual in the summer. Towards the end of September, after the withdrawal of south west monsoon, temperature decreases progressively. December is the coldest month. The relative humidity is high throughout the year especially in coastal areas. Winds are fairly strong particularly in coastal regions in summer and monsoon months.

Annual Normal Rainfall of district : 1276.20 mm.

No. of Rain Recording Station : 22

#### 2.3.1 Temperature Data:

Month	Monthly temp	perature in °°C		
Month	Max	Min	8.30 AM	5.30 PM
January	28.4	17.7	89	77
February	30.5	18.7	81	74
March	33.2	23.2	91	85
April	32.4	25.3	81	83
May	32.3	27.0	82	84
June	32.5	27.1	87	89
July	31.3	26.5	86	87
August	32.2	26.8	85	85
September	33.1	25.9	88	86
October	32.8	24.4	87	81
November	33.2	18.9	95	66
December	32.4	16.1	98	67
Annual	34.0	17.9	98	89



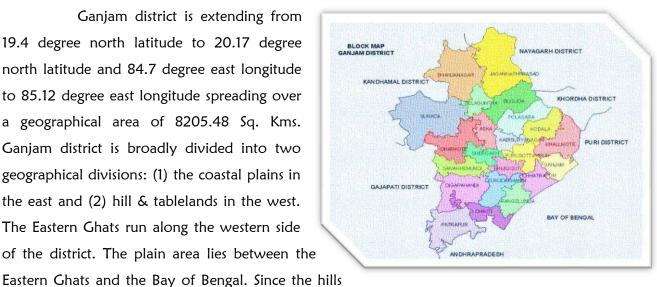
#### 2.3.2 Rain Fall Records of Last Two Decades:

SI. No.	Year	Average Rainfall (in mm)
1	1993	954.17
2	1994	1221.89
3	1995	1939.54
4	1996	869.43
5	1997	1215.69
6	1998	1374.25
7	1999	1230.08
8	2000	998.35
9	2001	1248.01
10	2002	804.69
11	2003	1421.70
12	2004	981.19
13	2005	1318.01
14	2006	1486.57
15	2007	1321.20
16	2008	1162.92
17	2009	1221.51
18	2010	1484.04
9	2011	914.37
20	2012	1224.44
21	2013	1972.17
22	2014	1400.38
23	2015	1169.78
24	2016	1150.82
25	2017	1362.77
26	2018	1373.15



#### 2.4 Geography & Topography:

Ganjam district is extending from 19.4 degree north latitude to 20.17 degree north latitude and 84.7 degree east longitude to 85.12 degree east longitude spreading over a geographical area of 8205.48 Sq. Kms. Ganjam district is broadly divided into two geographical divisions: (1) the coastal plains in the east and (2) hill & tablelands in the west. The Eastern Ghats run along the western side of the district. The plain area lies between the



are close to the sea, the rivers flowing from hills are not very long and are subject to sudden floods. The plains are narrow because of the absence of big rivers. The coastal plains in the east contain more fertile and irrigated lands. Towards the centre and south it is hilly interspersed with beautiful wellwatered valleys. The south-eastern portion is fertile. A portion of the famous Chilika Lake occupies the extreme northeast. The Bay of Bengal touches the eastern frontier of Ganjam district and its coast

extends over 60 Kms. It provides unique opportunity for fishing and port facility at Gopalpur for international trade.

The district has alluvial soil in its eastern part (coastal region) and laterite soil in the west (hilly table land) with small patches of black cotton soil at the center and in the northeast close to Chilika. The forest of Ganjam district comes under the mix moist peninsular high and low level Sal forests, tropical moist and dry deciduous and tropical deciduous forest types. It provides a wide range of raw materials and quite famous for wild life diversity.

#### 2.5 River System:

Main rivers of this district are Rushikulya, Badanadi, Baghua, Dhanei, Bahuda and Ghodahada. These rivers govern the agriculture sector of the district. The vast river basin of Rushikulya provides grand potential for exploration of ground water. The rivers are navigable during the rainy season only. Rushikulya and Badanadi are the major rivers of the district, where as Bahuda, Harabhangi, Ghodahada, Dhanei, Loharkhandi & Baghua, Kharakhari, Ghadaka Nala, Jagata Nala, Nandini Nala, Kubei Nala, NuaniNala, Bahana Nala and Sapua Nala are some minor rivers/nala existing in the area.



# 2.5.1 River Carrying Capacity:

SI. No.	Name of the River	Gauge Station	Zero level (In Mtr.)	Danger Level (In Mtr.)
		Sorada	79.250	81.990
		Aska	32.45	34.750
1	RUSHIKULYA	Janivili	48.920	53.180
		Hiradharabati	18.590	23.160
		Purushottampur	12.000	16.840
	BADANADI	Sorisamuli	98.600	102.11
2		Aska	32.060	35.420
2		Nuagam	68.030	70.930
		Madha Borida	55.780	60.650
3	BAGHUA	Kabisuryanagar road bridge	31.010	34.060
4	LOHARKHANDI	Bhanjanagar	68.650	72.310

# 2.5.2 Reservoir Details:

SI. No.	NAME OF THE RESERVOIR	Frl. in Mtr.	Live Storage Capacity in Ham.
1	Bhanjanagar	96.000	5766.000
2	Sorada	92.300	4975.000
3	Daha	118.600	2195.000
4	Ghodahada	117.800	3052.000
5	Dhanei	88.700	1313.000
6	Harabhangi	387.500	8625.000
7	BaghuaState-II	113.850	3100.000
8	Baghalati	106.000	3891.000



#### 2.6 <u>Demography</u>:

The district has an area of 8206 Sq.kms and 35.29 lakhs of population as per 2011 census. The district accounts for 5.27 percent of the state's territory and shares 8.41 percent of the state's population. The density of population of the district is 430 per sq.km as against 270 persons per sq.km of the State. It has 3250 villages covering 22 blocks and 23 Tahasils and 3 Sub-Divisions.

Households and its distribution:

Total Category			Category			Category		
Number of Families / HH	Rural	Urban	sc	ST	OBC	GEN	BPL	APL
758267	4275	992	7862	553	584852		3558	229532

Population and its composition:

Population density of the district and decadal growth of population-In the last decade (from the year 2001 to 2011), there has been 11.68 percent growth in population of the district in comparison to 2001 census i.e. 385 persons per sq.km in 2001 as against 430 persons per sq.km in 2011.

Population		SC		ST		OBC		
Т	М	F	М	F	М	F	М	F
3529031	1779218	1749813	342111	346124	59172	59756		

#### 2.6.3 Religion wise distribution of Population:

Total Population	Category					
, c.a., c.p.	Hindu	Muslim	Christian	Sikh	Others	
3529031	3486059	13315	23975	590	5092	

#### 2.6.4 Age Group:

Total Population	0-5 years	6-14 years	15-59 years	60 years and above
3529031	355007	662224	2160546	351254

#### 2.6.5 Sex Ratio:

Sex Ratio (Females per 1000 males):	F 983/ M 1000
Sex Ration(0-6 Years):	F 908/ M 1000



#### 2.6.6 Literacy Rate:

	Total	Male	Female
Literacy Rate	71.09 %	70.97 %	54.14 %

#### 2.7 <u>Socio-Economic Profile</u>:

Agriculture is the mainstay activity in the district. It is taken up in a cultivable area of 4,06,000 hectr. by a large section of population. In the urban areas, service sector, individual shopkeepers and micro businessman communities constitute majority of the population. The scope of public sector is very limited to provide employment opportunity to a large section of unemployed persons in the district.

#### 2.7.1 Workforce participation:

SI. No.	Category	Male	Female	Total
1	Worker	990027	511745	1501772
2	Main worker	718163	182581	900744
3	Marginal Worker	271864	326164	601028
4	Non-Worker	789191	1238068	2027259

#### 2.7.2 Land Holding Pattern:

Cultivated Area	406000 Hectare		
Cultivated Area Paddy	208420 Hectare		
Cultivated Non-Paddy Area	225580 Hectare		
High land Paddy	19400 Hectare		
Medium Land Paddy	103300 Hectare		
Low Land Paddy	100800 Hectare		
High Land	170315 Hectare		
Medium Land	10160 Hectare		
Low Land	2025 Hectare		
Landless household	122471		
Share croppers	79688		
Small farmers	42941		
Marginalfarmers	233069		
Semi medium farmers	16550		
Medium Farmer	2577		
Large farmers & above	252		
Total Farmers	295389		



#### 2.7.3 Agriculture & Irrigation:

Agriculture being the main activity in the district and is taken in a cultivable area of 4,06,000 hect by a large section of population, they need fullest cooperation to bring about overall development of the district. The total irrigation potential created for Kharif and Rabi are 260026 hectors and 55038 hectors respectively through major/medium irrigation projects in the district.

SI. No	Irrigation System	Block Covered	Ayacut (Hectare)
1	Rushikulya Irrigation System	17	60122.742
2	Daha Irrigation System	2	4762.400
3	Dhanei Irrigation System	3	4508.390
4	Hiradharabati Irrigation System	2	6309.084
5	Jaimangal	4	7348.149
6	Ghodahada	2	7758.000
7	Ramanadi	1	1321.050
8	Bahuda Irrigation Project	3	8068.830
9	Baghua Irrigation Project	2	8567.000
10	Baghalati Irrigation Project	2	5488.000
11	Harabhangi	3	9150.000
12	Baghua Dhanei Doab	2	1890.000

#### 2.7.4 Employment and livelihood:

Since the scope of public sector is very limited to provide employment opportunity to a large section of unemployed persons in the district, various employment generating schemesare implemented in the district like PMRY,JRY,SGSY,SGSSY,PMGRY,NREGA etc., Food security under NFSA and social security schemes/ anti malnutrition measures. Priority is given to nurture these groups to take up economic and income generating activities through Bank credit, financial assistance out of CMRF, expedite the process of poverty alleviation as well as to propose them to consolidate the perception of self help.

#### 2.7.5 Industries and mining:

1854 nos.of small scale industries are there with total capital investment of about Rs.8724.90 lakhs with 5694 nos.of individuals under Employment. Various kinds of handicraft works are undertaken by the skilled workers and artisans of the district. Sairat sources under minor minerals and decorative stone provide opportunity for engagement of a good number of persons to earn their wages.



Indian Rare Earths Ltd, TATA, GRASIM Industries, Coop-Sugar Industries, SARAFF Industries, Gopalpur Port are the prominent plants, industries & infrastructures in the district.

No. of PSU	01
No. of S.S.I. Units	9065
Capital investment	551.15 lakh
Persons employed	4,5431
Mines Area	2877.67 Ha.

# 2.7.6 Education:

The number of educational institutions in rural & urban areas imparting education to School/College children are as follows:

College	103
High School	676
ME/UP School	1382
Primary School	2377
Total Teachers	22267

#### 2.7.7 <u>Health</u>:

Medical College	1
No. of C.H.C	30
Primary Health Centre	7
PHC (N)	90
Primary Health Sub-Centre	460
No. of Homeopathic dispensary	38
No. of Ayurvedic dispensary	42



#### 2.7.8 <u>Housing</u>:

758267 Households have their own houses either pucca or kutcha in rural and urban areas. Eligible families are covered under Mo Jami, Mo Diha and pucca houses are awarded under Awas Yojana of Government (IAY/Mo Kudia/BPGY). In the aftermath of Cyclone-Phailin, 2013, Odisha Disaster Recovery Project (ODRP) has been implemented in which 16244 nos.of pucca houses (disaster resilient) have been constructed for beneficiaries in respect of 107 coastal villages under Chikiti/ Rangailunda/ Chatrapur/ Ganjam & Khallikote Blocks.

#### 2.7.9 Electrification:

3,48,447 nos. of Households have been electrified relating to 2217 villages of the district.

[The details are given at Table No.1.29 & 2.5 of Vol.II.]

#### 2.7.10 Drinking water and sanitation:

(Availability of Drinking water sources within ULBs:)

SI No	Name of the ULB	No. of Wards	Population (Aprox)	No. of Stand post	Tube Wells	
1	Chatrapur	14	22800	207	154	
2	Ganjam	12	13600	57	64	
3	Rambha	13	11700	62		
4	Khalikote	12	11400	53	87	
5	Aska	18	26300	120	116	
6	Buguda	13	13500	52	87	
7	Hinjilcut	21	25400	149	104	
8	K.S Nagar	18	17200	88	126	
9	Kodala	13	15600	43	67	
10	Polasara	19	22100	67	119	
11	Purushottampur	14	14800	84	84	
12	Bhanjanagar	15	22300	202	99	
13	Sorada	11	16400	100	65	
14	Bellaguntha	13	10800	0800 75		
15	BeMC	40	376700	1772	1158	
16	Gopalpur NAC	11	8,500	47	85	
17	Chikiti	12	13000	91	97	
18	Digapahandi	11	12400	133	110	



# (Availability of Drinking water sources within Block area)

SI			Drinking Water Sources						
No	Name of the Block	Population	Open Wells	Tube Wells	No. of village with Tap water				
1	Rangeilunda	133648	10	757	6				
2	Kukudakhandi	120082	30	733	0				
3	Chikiti	93786	18	678	3				
4	Patrapur	122000	125	708	20				
5	Hinjilcut	114418	22	687	07				
6	Sheregada	114880	14	667	01				
7	Digapahandi	140567	37	740	12				
8	Sanakhemundi	146118	36	719	12				
9	Chatrapur	124598	2	215	12				
10	Ganjam	79520	1	405	14				
11	Khalikote	136097	6	662	11				
12	Aska	133387	4	911	08				
13	Bhanjanagar	122449	17	1071	33				
14	Belaguntha	103077	2	663	04				
15	Buguda	106747	7	782	01				
16	Dharakote	101533	20	724	34				
17	J.N Prasad	117894	21	1156	22				
18	Kabisuryanagar	102441	04	532	04				
19	Beguniapada	112970	14	729	14				
20	Polosora	117281	09	726	09				
21	Purushottampur	129506	10	743	0				
22	Sorada	126075	60	907	107				
	TOTAL	2599074	469	15915	334				



#### 2.7.11 <u>Migration</u>:

SI	Block	No.of		Aigrat			dren Years)	Children (7-14 Years)	
No		migrating HHs	М	F	Total	М	F	М	F
1	Chatrapur	46	46	1	46	-	•	-	-
2	Ganjam	93	93	-	93	-	-	-	-
3	Khallikote	239	239	-	239	-	-	-	-
4	Begunipada	339	339	-	339	-	-	-	-
5	Purusottampur	71	53	18	71	-	-	-	-
6	Polosara	81	81	-	81	-	-	-	-
7	Kabisuryanagar	57	25	32	57	-	-	-	-
8	Hinjilicut	6	6	-	6	-	-	-	-
9	Digapahandi	151	151		151	-	-	-	-
10	Buguda	20	20		20	-	-	-	-
11	Aska	11	11		11	-	-	-	-
12	Rangeiliunda	19	19		19	-	-	-	-
	Total	1133	1083	50	1133	-	•	-	-

#### 2.7.12 Food Security:

About 24, 69,295 no. of beneficiaries in respect of 54,601 families have been enrolled to ensure their food security under NFSA. Severely malnourished and pregnant/lactating mothers are enrolled through AWCs & Mini AWCs across the district. Cases of malnutrition, hunger and distress cases is watched closely followed with appropriate action to redress the same.

[Details are at Table No.1.32 & 1.39 of Vol.II of the DDMP]

#### 2.7.13 Social Security:

2,47,542 nos.of beneficiaries under Old Age Pension, 81,335 nos.of beneficiaries under Widow Pension and 24,754 beneficiaries under Disability Pension have been covered and they are getting pension every month.

[Details are at Table No.1.38 & 3.16 of Vol.II of the DDMP]



2.8 Critical Infrastructure

2.8.1. Anganwadi Centers: 4968 nos. of AWCs are functioning in the District where 3,80,911 nos.of children and 82,756 nos.of pregnant/lactating mothers have been enrolled.

[Details are at Table No.1.32 & 1.39 of Volume II of the DDMP]

2.8.2 Schools and other Educational Institutions: 2377 nos. of Pry. Schools, 1382 nos. of ME Schools and 676 nos. of High schools and 103 nos. of Colleges are there in the District.

[Details are at Table No.1.26, 1.27 & 2.1 of Volume II of the DDMP]

2.8.3 Hospitals and Health Centers: 460 sub centers, 90 PHCs, 30 CHCs, 2 Aurvedic/ Homeopathic Hospitals, 2 SDHs, 58 Private Hospitals and one Medical College &Hospital, 2 Blood Banksare therein the District.

[Details are at Table No.1.33,1.34,2.2 & 2.3 of Volume II of the DDMP]

2.8.4 Veterinary Hospitals: There are 38 veterinary Hospitals to treat bovine population in the district.

[Details are at Table No.1.17 & 2.4 of Volume II of the DDMP]

- 2.8.5 Police and Fire Stations: There are 35 Police Stations and 21 Fire Stations in the district.

  [Details are at Table No.2.7 of Volume II of the DDMP]
- 2.8.6 Cooperative Societies: There are 392 P.A.C.S. in the district.

[Details are at Table No.1.16 of Volume II of the DDMP]

2.8.7 Banks and Post offices:

[Details are at Table No.1.35, 1.36 & 2.6 of Volume II of the DDMP]



#### 2.8.8 Road and Railway network:

Road network of this district covers 327 Kms of National Highway, 494 Kms of State Highway, 91 Kms of Major District Road, 877 of Other District Roads, 2520 Kms of village roads, 913 Kms of P.S. Roads, 8060 Kms of Gram Panchayat road and 496 Kms.of forest roads. Railway lines cover a length of 86 Kms having 12 nos.of Railway Stations which include Chatrapur (Dist. Headquarters) & Berhampur, a major town of the district.

[The details are given vide Table no.1.40 & 1.41 in Vol.II]

#### 2.8.9 Cyclone and Flood Shelters:

There are 72 nos. of Multipurpose Cyclone Shelters and 33 nos. of Multipurpose Flood Shelters in the District.

[Details are at Table no.3.17 of Volume II of the DDMP]

#### 2.8.10 Rain gauge and Automatic Weather Stations:

There are 22 nos.of Rain Recording Stations in the district (at each Block Headqtrs.) to record the rainfall data everyday and to transmit report to SRC, Odisha and uploading of data in Rainfall portal.

[Details are at Table No.3.19 of Volume II of the DDMP]





#### **HAZARD, VULNERABILITY AND RISK ASSESSMENT:**

Understanding the potential disaster risk faced by the district is of vital importance. Only then it will be possible to take into account the local specificities and address the risk in a proper manner.

The disaster **risk is a product of hazard, vulnerability, and capacity**. Thus the risk may be quantified through the following formula:  $R = (H \times V) / C$ , where R: risk, H: hazard, V: vulnerability, and C: capacity. The Hazard, Vulnerability, and Capacity Analysis (HVCA) of Ganjam aims to help to systematize disaster risk reduction as it provides an overview of each of these variables. Ganjam is a district prone to floods and droughts, being a coastal district of Odisha, the risk of cyclone and tsunami is also very high.

The first Sub Plan introduces the types of hazards to which Ganjam district is prone to, followed by the Sub Plan of vulnerability and capacity analysis, which touches upon the socio, economic, and environmental characteristics of the district and available resources to tackle major disasters, respectively. Drought, being a frequently visiting disaster for the district, specific analysis for drought has been discussed in this Sub Plan.

#### 3.1 Major Disasters/ Incidents during 2006-2015 :

A brief profile of major disasters/ incidents occurred in the district during last 10 years (2006 to 2015):

History of Disasters occurred in Ganjam District.

	nt uring		luring		ion		ק	I	Damage	to Infra	structure	s of la.)
S. N.	Disaster/ Incident	No. of incidents during	(2007-2017)	No. of Deaths	Affected Population (reccured)	Livest-ock Loss	Houses Damaged	School/ AWC Building	Hospital	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Other Critical	Damage and loss of Crop Area (in Ha.) Recurred
			Di:	sasters a	s approved u	nder SD	RF/ NDRF /	State Specif	ic Disaste	ers	·	-
1	Flood		05	16	1175265	0	3709	12	0	112	20	390466
2	Drought	t	03	0	560632	0	0	0	0	0	0	2229
3	Fire		1815	33	9075	0	5596	0	0	0	0	0
4	HailStor	m	0	0	0	0	0	0	0	0	0	0
5	Cyclone		01	17	1175265	2018	1 389032	1015	51	325	2273 electric. poles	390466
6	Earth Q	uake	0	0	0	0	0	0	0	0	0	0
7	Tsunam	i	0	0	0	0	0	0	0	0	0	0
8	Landslid	e	0	0	0	0	0	0	0	0	0	0
9	Avalanc	he	0	0	0	0	0	0	0	0	0	0
10	Cloud B	urst	0	0	0	0	0	0	0	0	0	0
11	Pest Atta	ack	0	0	0	0	0	0	0	0	0	0
12	Cold W	ave/	0	0	0	0	0	0	0	0	0	0



State Specific Disasters as per Notification No.1936 Dt. 01.06.2015												
13	Lightning	203	189	216	0	0	0	0	0	0	0	
14	Heat wave	164	62	164	0	0	0	0	0	0	0	
15	Whirlwind	0	00	0	0	0	0	0	0	0	0	
16	Tornado	0	00	0	0	0	0	0	0	0	0	
17	Heavy Rain	0	00	0	0	0	0	0	0	0	0	
18	Boat Accidents (Other than during Flood)	01	04	0	0	0	0	0	0	0	0	
19	Drowning (Other than during Flood)	24	24	0	0	0	0	0	0	0	0	
20	Snake Bite(Other than during Flood)	28	28	0	0	0	0	0	0	0	0	
Other Disasters												
21	Animal Menace	0	0	0	0	0	0	0	0	0	0	
22	Building Collapse	0	0	0	0	0	0	0	0	0	0	
23	Stampede	0	0	0	0	0	0	0	0	0	0	
24	Epidemics	0	0	0	0	0	0	0	0	0	0	
25	Industria/ Chemical Accidents	0	0	0	0	0	0	0	0	0	0	
26	Road Accidents	32	40	358	0	0	0	0	0	0	0	
27	Railway Accidents	0	0	0	0	0	0	0	0	0	0	
28	Hooch Incidents	0	0	0	0	0	0	0	0	0	0	
29	Communal Riot	0	0	0	0	0	0	0	0	0	0	
30	Dam Break/ Spill Way related flood.	0	0	0	0	0	0	0	0	0	0	
31	Soil/Coastal erosion	02	0	500	0	16	0	0	0	0	25,00,0 00/-	

[Year wise details of each disaster occurred during the last 10 years is at Table No. 3.1 of Vol.- II of DDMP]



# 3.2 <u>Major Disasters/ Incidents in the District during 2016-2018</u>:

#### Disasters occurred in 2016

	Incident	icidents 2016	aths	d on	Loss	Damaged	Damage	e to li	nfrastruc	ture	e and Crop 1 Ha.)
SI. No	Disaster/ Inc	No. of incidents during 2016			Houses Dan	AWC/ School Buildings	Hospitals	Road in K.	Critical Infrastruct	Damage and loss of Crop Area (in Ha.)	
1	Fire Accident	449	01	4035	0	799	0	0	0	0	76,22,006/-
2	Boat Accident	02	05	05	0	0	0	0	0	0	0
3	Drowning	22	24	26	0	0	0	0	0	0	0
4	Lightning	26	26	26	0	0	0	0	0	0	0
5	Snakebite	49	51	49	0	0	0	0	0	0	0
6	Heatwave	19	04	24	0	0	0	0	0	0	0
7	Railway Accident	0	0	0	0	0	0	0	0	0	0

# Disasters occurred in 2017

	dent	ents 7	ths	lation	SSC	page		Dam nfras		l loss rea of	
SI. No	Disaster/ Incident	No. of incidents during 2017	No. of Deaths	Affected population	Livestock Loss	Houses Damaged	AWC/ School Buildings	Hospitals	Road in Km.	Other Critical Infrastructure	Damage and loss of Crop Area (in Lakhs. of Rupees)
1	Fire Accident	589	04	2354	0	605	0	0	0	0	120
2	Boat Accident	0	0	0	0	0	0	0	0	0	0
3	Drowning	20	31	29	0	0	0	0	0	0	0
4	Lightning/Thunder stroke	38	38	42	3	0	0	0	0	0	0
5	Snakebite	66	81	66	0	0	0	0	0	0	0
6	Heatwave	6	7	6	0	0	0	0	0	0	0
7	Railway Accident	0	0	0	0	0	0	0	0	0	0
8	Flood	0	0	0	0	0	0	0	0	0	0
9	Cyclone	0	0	0	0	0	0	0	0	0	0
10	Hail Storm	0	0	0	0	0	0	0	0	0	0
11	Drought	0	0	0	0	0	0	0	0	0	0
12	Heavy rain	0	0	0	0	0	0	0	0	0	0
13	Earthquake	0	0	0	0	0	0	0	0	0	0
14	Un-seasonal Rain 2017	261328 no. Of farmers affected	0	0	0	0	0	0	0	0	(97233.17 80 Ha)
15	Pest attack, 2017	69781 no. Of farmers affected	0	0	0	0	0	0	0	0	(20010.04 14 Ha)



#### Disasters occurred in 2018

	dent	ents 8	ths	ation	SSC	pagı			age to		l loss ea of
SI. No	Disaster/ Incident	No. of Incidents during 2018	No. of Deaths	Affected population	Livestock Loss	Houses Damaged	AWC/ School Buildings	Hospitals	Road in Km.	Other Critical Infrastructure	Damage and loss of Crop Area (in Lakhs. of Rupees)
1	Fire Accident	0	3	0	0	0	0	0	0	0	0
2	Boat Accident	0	0	0	0	0	0	0	0	0	0
3	Drowning	0	75	0	0	0	0	0	0	0	0
4	Lightning/Thund er stroke	0	18	0	0	0	0	0	0	0	0
5	Snakebite	0	63	0	0	0	0	0	0	0	0
6	Heatwave	0	5	0	0	0	0	0	0	0	0
7	Railway Accident	0	0	0	0	0	0	0	0	0	0
8	Flood	0	0	0	0	0	0	0	0	0	0
9	Cyclone (TITLI & subsequent flood)	01	Died-11, Missing-8	39,5 Lakh	1324	24070	0	0	0	0	0
10	Hail Storm	0	0	0	0	0	0	0	0	0	0
11	Drought	0	0	0	0	0	0	0	0	0	0
12	Heavy rain	0	0	0	0	0	0	0	0	0	0

## 3.3 Vulnerability and Risk Assessment related to disasters:

Above Table indicates that major disasters that affect the district are: Flood, Drought, Cyclone, Heat Wave and Lightning. The sea side villages are vulnerable to sea surge & Tsunami. The thatched houses in rural areas are susceptible to fire accident. Losses due to local whirlwind, erratic rain and deaths due to Drowning & Snakebite are the ones occurring all over the district. Crop loss due to erratic and uneven distribution of rainfall is continuous threat. A large section of farmers growing non-paddy crops like sugarcane, maize, vegetables, pulses are dependent upon timely rainfall without which they become vulnerable to drought and crop loss.

## 3.4 Cyclone:

Being close to the sea and under the impact of low pressure/depression in the Bay of Bengal, traditionally this district has been facing Cyclones at regular intervals. The cyclones occurred in the year 1999 and again in 2013 were of the rarest ones in severity involving huge loss of life and property. These events pushed the livelihood settings of this district backward for many years. The devastating effects of cyclone vary according to the intensity and rainfall poured. Basing upon the past record and proximity to coast and other factors, the entire district comes under the grip of cyclone.



# 3.4.1 Cyclone vulnerable areas of the district:

	0		ds	c			Vulnerable Infrastructure			
SI.No.	Name of the Block/ ULB	susceptible	No. of susceptible Villages/ Wards	Vulnerable Population in Nos.	Milch and Draught animals	Houses	School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infrastructure
1	Chatrapur Block & NAC	17	76/7	44439	37415	24845	0	24	16.62	3212
2	Rangeilunda Block & Gopalpur NAC	24	82/11	55253	33954	26570	0	25	0	3715
3	Ganjam Block, Ganjam & Rambha NAC	14	106/10	43515	10740	20274	0	20	9.80	2120
4	Khallikote Block & NAC	26	202/13	57439	32790	15325	0	28	22.08	3098
5	Chikiti Block & NAC	17	135/5	28774	19225	11000	9	23	11.50	2987
6	Patrapur	18	240	5243	28575	11299	0	0	0	2567
7	Hinjilicut	19	48	7341	17397	12100	5	0	31.74	2612
8	Sheregada	13	73	34222	18443	8340	0	0	0	2835
9	Digapahandi	16	155	19022	47839	10120	0	34	3.90	2857
10	Sanakhemundi	17	109	12615	45888	8745	0	31	0	2636
11	Kukudakhandi Block & BeMC	16	88	42775	61510	22225	0	7	41.89	2837
12	Aska	14	75	34362	37690	17140	0	0	16.9	2432
13	Bhanjanagar	10	118	35926	48000	11490	0	20	10.00	4080
14	Belaguntha	12	65	11007	16500	9595	0	0	18.5	2035
15	Buguda	10	66	37326	10548	12972	0	0	0	2567
16	Dharakote	12	139	13721	13550	10900	42	0	3.5	2612
17	J.N Prasad	14	112	22831	36200	11870	0	0	23.10	2987
18	Kabisuryanagar	17	60	10790	5040	10620	3	05	70.87	2126
19	Beguniapada	15	137	15778	12720	12275	0	25	28.60	2835
20	Polasara	22	99	25732	42129	16780	0	3	12.00	2695
21	Purushottampur	24	91	20371	8169	18861	0	30	19.2	2575
22	Sorada	18	243	13237	39771	7270	0	0	16.00	3512

[Detailed list of vulnerable Villages/Wards is at table No. 3.2 of Volume II of the DDMP]



# ${\it 3.4.2} \quad {\it Critical Infrastructure Vulnerable to Cyclone:}$

Electrical Infrastructure and Cyclone Vulnerability:

SI. No.	Name of the Block	No. of Grid S/S	No. of 33/11KV S/S	Tr	of Distrib		Electrical / of Less n Kms)	ectrical es	Tension ers	ion lines 11KV n Kms)
SI. 1	Name of	No. of	No. of 33	11KV or Les	11KV < and < 60KV	60 KV and above	Conductor/Electrical Line - 11KV of Less (Length in Kms)	No. of Electrical Poles	No of High Tension Towers	High Tension lines above 11KV (Length in Kms)
1	Aska	1	3	448	0	0	578.70	12660	0	16.90
2	Beguniapada	0	2	376	0	0	480.00	6972	0	8.00
3	Bellaguntha	0	2	293	4	0	516.89	8844	0	22.00
4	Bhanjanagar	1	3	441	7	0	743.90	12304	0	23.70
5	Buguda	0	2	232		0	600.00	12000	0	32.00
6	Chatrapur	1	2	406	2	0	756.23	16537	0	44.00
7	Chikiti	0	1	378		0	433.00	11510	0	39.50
8	Dharakote	0	1	256		0	360.63	6360	0	38.00
9	Digapahandi	1	2	210	4	0	962.00	6320	0	42.00
10	Ganjam	1	3	559	5	0	675.61	14030	2	47.00
11	Hinjlicut	0	2	393	4	0	496.00	9920	0	45.00
12	J.N.Prasad	0	1	449	2	0	591.38	9531	0	15.30
13	K.S.Nagar	0	2	191	0	0	610.00	12200	0	21.00
14	Khallikote	0	2	467	4	0	920.46	16131	0	24.00
15	Kukudakhandi	0	2	357	0	0	629.64	11360	0	18.00
16	Patrapur	0	1	196	1	0	1125.60	6383	0	36.00
17	Polasara	0	1	388	0	0	585.00	8325	0	12.00
18	Purushottampur	1	2	367	0	0	530.60	7580	0	7.00
19	Rangeilunda	1	4	747	2	0	946.50	13283	0	42.00
20	Sanakhemundi	0	1	291	0	0	755.32	7520	0	15.00
21	Sheragada	0	1	420	3	0	565.23	11300	0	40.00
22	Soroda	0	1	458	2	0	715.69	11316	25	28.60
	Total	7	41	8323	40	0		232386	27	617.00



# 3.4.3 Drinking water facility vulnerable to Cyclone prone areas:

	ck/	lbe			PWS Sch	nemes		
SI. No.	Name of the Block/ ULB	Total No. of Tube Wells	No. of Wells	Total No.	Length in Mtrs.	No. of Over Head tanks	No. of Stand Points	Other Drinking Water Sources If any
1	Chatrapur	843	1	41	1372000	N.A.	N.A.	N.A.
2	Chikiti	962	19	44	N.A.	N.A.	N.A.	N.A.
3	Digapahandi	1105	36	63	N.A.	N.A.	N.A.	N.A.
4	Ganjam	657	0	42	N.A.	N.A.	N.A.	N.A.
5	Hinjilicut	915	22	52	N.A.	N.A.	N.A.	N.A.
6	Khallikote	1043	5	44	N.A.	N.A.	N.A.	N.A.
7	Kukudakhandi	1021	3	55	N.A.	N.A.	N.A.	N.A.
8	Patrapur	833	133	53	N.A.	N.A.	N.A.	N.A.
9	Rangailunda	1094	9	78	N.A.	N.A.	N.A.	N.A.
10	Sanakhemundi	913	28	41	N.A.	N.A.	N.A.	N.A.
11	Sheragada	1063	18	57	N.A.	N.A.	N.A.	N.A.
12	Aska	1311	7	57	143530	N.A.	N.A.	N.A.
13	Bhanjanagar	1575	29	57	138300	N.A.	N.A.	N.A.
14	Bellaguntha	1093	4	32	80580	N.A.	N.A.	N.A.
15	Buguda	1172	7	36	90650	N.A.	N.A.	N.A.
16	Dharakote	1077	39	51	128420	N.A.	N.A.	N.A.
17	Jagannathprasad	1877	22	109	244100	N.A.	N.A.	N.A.
18	Kabisuryanagar	940	4	43	108240	N.A.	N.A.	N.A.
19	Beguniapada	1280	18	36	90650	N.A.	N.A.	N.A.
20	Polasara	1208	16	39	98200	N.A.	N.A.	N.A.
21	Purusottampur	1239	0	52	130950	N.A.	N.A.	N.A.
22	Surada	1426	118	49	123380	N.A.	N.A.	N.A.
	Total	24647	538	1131	2749000			



## 3.5 <u>Flood</u>:

Floods have occurred in the year 1990, 1995, 2003, 2006, 2007, 2008, 2009,2012 and 2013 in this district. Main Rivers such as Rushikulya& Badanadi, and other small rivers like Sananadi, Kokolaba, Padma, Loharakhandi, Ghodahada, Bahuda, Dhanei, Baghua, Boda, and Kharakhari are flowing in this district. Besides these, there are tributaries / nalas i:e Bahana nala, Sapua nala, Bahuda nala, Taptapani nala, Ganju nala are also available and flowing. Overflowing of water in these rivers/ Nalas often cause floods threatening community by adversely affecting human life / cattle life, property, amenities or activity leading to economic loss.

Depending upon past records, proximity to rivers, situation alongside river embankments and Nalas, low lying areas etc., the below stated list if vulnerable areas has been prepared.

#### 3.5.1 Flood vulnerable areas of the district in general;

	ock/	ible ⁄ats	ible ds	Zos.	ught		Vulne	rable	Infrastruc	ture
SI. No.	Name of the Block/ ULB	No. of susceptible Gram Panchayats	No. of susceptible villages/ Wards	Population in Nos.	Milch and Draught animals	Houses	School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infrastructure
1	Chatrapur	4	18	15800	1450	2880	16	4	32	40
2	Ganjam Block & NAC	7	16	12350	1305	2160	9	5	24	30
3	Khallikote	1	04	1450	135	180	3	2	2	2
4	Purusottampur Block & NAC	3	20	45000	2450	3500	16	7	40	52
5	Polasara	1	8	12750	375	360	8	3	4	5
6	Kabisuyanagar Block & NAC	8	26	13250	1080	1080	6	2	12	12
7	Hinjilicut	6	8	8500	1130	1025	8	3	13.5	16
8	Sanakhemundi	2	4	3975	550	750	4	4	9	11
9	Chikiti	2	12	8250	210	180	12	5	3	5
10	Bhanjanagar	9	15	18600	1800	2700	20	6	30	37
11	Bellaguntha	5	12	7500	1440	2160	14	5	26	29
12	Aska Block & NAC	4	12	12350	1550	2215	17	3	28	30
13	Jaganathprasad	4	10	5750	550	1250	19	3	14	19
14	Sheragada	2	5	2250	450	950	12	3	11	14
	TOTAL	58	170	167775	14475	21390	164	55	248.5	302

(Detailed list of vulnerable Villages/Wards is at table No. 3.2 of Volume II of the DDMP.)



## 3.5.2 Causing agent wise flood vulnerable areas of the district:

	rs/ al	0)	01	0)	on	t		Vulne	erable	Infrastru	cture
SI. No.	Causing agent-Rivers/ Water bodies/Tidal Wave/ Others	No. of Susceptible Blocks/ ULB	No. of Susceptible GPs	No. of Susceptible Villages/ Wards	Vulnerable Population	Milch and Draught animals	Houses	School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infra.
1	River-1	7blocks /4 ULBs	34	112 Villages/ 45 Wards	110545	9520	14112	95	35	163.52	199
2	River-2	7 Blocks /1 ULBs	24	58 Villages/ 12 Wards	57230	4955	7278	69	20	84.98	103
3	Tidal Wave	4 Blocks /2 ULBs	16	55 Villages/ 23 Wards	25400	3000	7924	109	12	112.5	185
4	Flash Flood	7 Blocks /4 ULBs	34	112 Villages /45 Wards	11045	952 0	14112	95	35	163.5	199
5	Others	0	0	0	0	0	0	0	0	0	0

Catchment areas of the rivers of Ganjam District stretch to Nayagarh Dist., Kandhamal Dist., Khordha Dist/Gajapati Dist. & Andhra Pradesh State. Event of heavy rainfall feeds plenty of water which results in swelling of rivers and breach of embankments. Added to the cause, tidal highs of Sea during Full moon days push water in the river mouths causing non- discharge of river water to sea, which if added to heavy rains, can create floods typical to Ganjam district.

## 3.5.3 Agriculture and Flood Vulnerability

SI. No.	Name of the Block	Cultivable	Area (Hectares)		tible to Flood ctares)
110.		Paddy	Non Paddy	Paddy	Non Paddy
1	Aska	8020	9346	N.A.	N.A.
2	Bellaguntha	10600	6604	N.A.	N.A.
3	Bhanjanagar	13951	11421	N.A.	N.A.
4	Buguda	10330	11680	N.A.	N.A.
5	Chatrapur	8500	6700	N.A.	N.A.
6	Chikiti	9760	5180	N.A.	N.A.
7	Dharakote	6600	12013	N.A.	N.A.
8	Digapahandi	16151	10460	N.A.	N.A.
9	Ganjam	4590	8386	N.A.	N.A.
10	Hinjilicut	9460	5442	N.A.	N.A.
11	Jagannathprasad	13500	14853	N.A.	N.A.



SI.	Name of the Block	Cultivable	Area (Hectares)	•	tible to Flood ctares)
No.		Paddy	Non Paddy	Paddy	Non Paddy
12	Kabisuryanagar	9082	5404	N.A.	N.A.
13	Khallikote	10310	8341	N.A.	N.A.
14	Beguniapada	10800	7391	N.A.	N.A.
15	Kukudakhandi	10025	6373	N.A.	N.A.
16	Patrapur	10151	9826	N.A.	N.A.
17	Polasara	9195	6259	N.A.	N.A.
18	Purushottampur	12740	7604	N.A.	N.A.
19	Rangeilunda	9430	5746	N.A.	N.A.
20	Sanakhemundi	10700	8626	N.A.	N.A.
21	Sheragada	7730	8327	N.A.	N.A.
22	Sorada	10000	12222	N.A.	N.A.

## 3.5.4 Electrical Infrastructure in the Flood Prone Area:

		./S	. s/s		Distributionsformer	on	cal Line ss ss (sr	Poles	sion	above (sr
SI. No	Name of the Block	No. of Grid S/S	No. of 33/11KV S/S	11KV or Less	11KV < and < 60KV	60 KV and above	Conductor/Electrical Line - 11KV of Less (Length in Kms)	No. of Electrical Poles	No of High Tension Towers	High Tension lines above 11KV (Length in Kms)
1	Aska	1	3	448			578.70	12660		16.90
2	Beguniapada	0	2	376			480.00	6972		8.00
3	Bellaguntha	0	2	293	4		516.89	8844		22.00
4	Bhanjanagar	1	3	441	7		743.90	12304		23.70
5	Buguda	0	2	232			600.00	12000		32.00
6	Chatrapur	1	2	406	2		756.23	16537		44.00
7	Chikiti	0	1	378			433.00	11510		39.50
8	Dharakote	0	1	256			360.63	6360		38.00
9	Digapahandi	1	2	210	4		962.00	6320		42.00
10	Ganjam	1	3	559	5		675.61	14030	2	47.00
11	Hinjlicut	0	2	393	4		496.00	9920		45.00
12	J.N.Prasad	0	1	449	2		591.38	9531		15.30



SI. No	Name of the Block	No. of Grid S/S	No. of 33/11KV S/S	No. of Distribu tion Transfo rmer	Conductor/Elect  1KV < and rical Line - 11KV  < 60KV of Less  (Length in Kms)	60 KV and No. of Electrical above Poles	tor/Electri IKV of Le ingth in K	No. of Electrical Poles	No of High Tension Towers	High Tension lines above 11KV (Length in Kms)
13	K.S.Nagar	0	2	191	¥ .	9	610.00	12200	Ž	21.00
14	Khallikote	0	2	467	4		920.46	16131		24.00
15	Kukudakhandi	0	2	357	•		629.64	11360		18.00
16	Patrapur	0	1	196	1		1125.60	6383		36.00
17	Polosora	0	1	388	-		585.00	8325		12.00
18	Purushottampur	1	2	367			530.60	7580		7.00
19	Rangeilunda	1	4	747	2		946.50	13283		42.00
20	Sanakhemundi	0	1	291			755.32	7520		15.00
21	Sheragada	0	1	420	3		565.23	11300		40.00
22	Soroda	0	1	458	2		715.69	11316	25	28.60
	Total	7	41	8323	40		14578.38	232386	27	617.00

## 3.5.5 <u>Drinking water and Flood Vulnerability</u>:

		əqr	5		PWS S	chemes		ge : If
SI. No	Name of the Block/ ULB	Total No. of Tube Wells	No. of Wells	Total No.	Z		No. of Stand Points	Other Drinking Water Sources If any
1	Chatrapur	843	1	41	1372000	N.A.	N.A.	N.A.
2	Chikiti	962	19	44	N.A.	N.A.	N.A.	N.A.
3	Digapahandi	1105	36	63	N.A.	N.A.	N.A.	N.A.
4	Ganjam	657	0	42	N.A.	N.A.	N.A.	N.A.
5	Hinjilicut	915	22	52	N.A.	N.A.	N.A.	N.A.
6	Khallikote	1043	5	44	N.A.	N.A.	N.A.	N.A.
7	Kukudakhandi	1021	3	55	N.A.	N.A.	N.A.	N.A.



		lbe			PWS S	chemes		/ater /
SI. No	Name of the Block/ ULB	Total No. of Tube Wells	No. of Wells	Total No.	Length in Mtrs.	No. of Over Head tanks	No. of Stand Points	Other Drinking Water Sources If any
8	Patrapur	833	133	53	N.A.	N.A.	N.A.	N.A.
9	Rangailunda	1094	9	78	N.A.	N.A.	N.A.	N.A.
10	Sanakhemundi	913	28	41	N.A.	N.A.	N.A.	N.A.
11	Sheragada	1063	18	57	N.A.	N.A.	N.A.	N.A.
12	Aska	1311	7	57	143530	N.A.	N.A.	N.A.
13	Bhanjanagar	1575	29	57	138300	N.A.	N.A.	N.A.
14	Bellaguntha	1093	4	32	80580	N.A.	N.A.	N.A.
15	Buguda	1172	7	36	90650	N.A.	N.A.	N.A.
16	Dharakote	1077	39	51	128420	N.A.	N.A.	N.A.
17	Jagannathprasad	1877	22	109	244100	N.A.	N.A.	N.A.
18	Kabisuryanagar	940	4	43	108240	N.A.	N.A.	N.A.
19	Beguniapada	1280	18	36	90650	N.A.	N.A.	N.A.
20	Polasara	1208	16	39	98200	N.A.	N.A.	N.A.
21	Purusottampur	1239	0	52	130950	N.A.	N.A.	N.A.
22	Surada	1426	118	49	123380	N.A.	N.A.	N.A.
	Total	24647	538	1131	2749000			



## 3.6 <u>Tsunami</u>:

Even though this district is situated in the sea side and vulnerable to tsunami, fortunately this district is not victimized by Tsunami in the past years. However, tidal waves have yielded coastal erosion for a vast area and washed away parts of habitations in respect of coastal villages namely Aryapalli, Ramayapatna and Podempeta several times. The threat of Tsunami warrants a comprehensive planning and preparedness for coastal villages to save lives of people residing and their cattle.

#### 3.6.1 Tsunami vulnerable areas of the district:

	:k/ ULB	e Gram	iible rds	ation ir	ught		Vulnerable Infrastructure			
SI. No	Name of the Block/	No. of susceptible Panchayats	No. of susceptible Villages/ Wards	Vulnerable Population Nos.	Milch and Draught animals	Houses	School Buildings/ Anganwadi	Hospitals	Roads (in Km)	Other critical Infra structure
1	Chikiti	3 G.Ps	7 villages	6500	3392	1940	15	1	ı	-
2	Rangeilunda	6 GPs & 1 NAC	16 villages 11 Wards	16115	18900	18820	45	1	-	-
3	Chatrapur	4 G.Ps	13 villages	10456	6000	5800	25	1	1	-
4	Ganjam	2GPs & 1 NAC	16 villages 12 Wards	15541	3150	5750	35	1	-	-

[Detailed list of vulnerable Villages/Wards is at table No. 3.2 of Volume II of the DDMP]

## 3.7 Events/ Festivals/ Functions organized in the district where mass gathering occurs:

Community functions are mostly observed in Berhampur, Bhanja Nagar, Polasara, Purusottampur, Aska, Kabisuryanagar, Polasara & other places. The events are Bishub Sankranti, Dola Yatra of Ganjam / Humma & other places, Danda Yatra, Kartika Purnima festival, Gopalpur Sea Beach festival, Gopalpur kite festival etc. where the strength of population gathering is 5000 or above.



# 3.7.1 <u>Places of congregation</u>:

SI. No	Name of the Event / Festival/ Function	Place (Block & Gram Panchayat)	Duration of the event (in No. of days)	Month (as per English Calendar)	Strength of population gathering (Approx.)	Remarks (other vulnerabilities associated with the place/ event, if any to the mentioned)
1	Thkurani Yatra	BeMC, Berhampur/NA C,Polasara/Hu mma G.P.	10 days	April	10000 above	Law & order, stampede, drinking water crisis, fire accident
2	Chaitra Parva of Goddess Tara Tarini,	Purusottampur	30 days	March	10000 above	Law & order, stampede, drinking water crisis, fire tragedy
3	Maha Shivaratri	In all GPs of Blocks	1 day	February	5000 above	Fire tragedy
4	Kartika Purnima	In all GPs of Blocks	1 day	Novemb er	5000 above	Drowning
5	Prastistha and Chabish Prahar Nama Jagnya	In all GPs of Blocks	3-5 days	March & April	5000 above	Stampede, fire tragedy, water crisis

# 3.8 Boat Tragedy: Boat operation points:

		Name of the ghat	Name of	No. of	Daily to and fro		of boats ng in Nos.
SI. No	Name of the Block	/ boat operation point	the water body	Panchayats / villages connected	movement of people in Nos. (Approx.)	Mech anised	Non- Mechanis ed
1	Purusottampur	Handighara	Rushikulya	Handighar	Occasional (Rainy season)	0	1
2	Chatrapur	Kansariganda (Potlampur & Municipentho)	Rushikulya	Potlampur	Occasional	0	1
3	Ganjam	Khatia RCh.pur	Rushikulya	K R Chpur	Occasional	0	1
4	Chikiti	Pati Sunapur	Bahuda	Sunapur	Occasional	0	1
5	Bhanjanagar	Dhananjaypur	Badanadi	Kulada	Occasional	0	1
6		Niladripur, Golapada	Badanadi	Golapada	Occasional	0	1
7	Aska	Cheramaria	Rushikulya	Nalabanta	Occasional	0	1
8	Dharakote	Mundamarei	Rushikulya	Mundamarei	Occasional	0	1
9	Sheragada	Kanjiamma	Rushikulya	Tahara	Occasional	0	1
10		Pitala	Rushikulya	Pitala	Occasional	0	1
11	Khallikote	Rambha,Pathara, Sabulia	Chilika lake	Pathara Sabulia	Tourist seasons	12	0



## 3.9 <u>Land Slide Vulnerability</u>:

Vulnerable Areas in the Dist.

	a/			ï		Vulnerable Infrastructure					
SI. No.	Land Slide Zone/ Area Location	Area in Sq. Km	No. of susceptible Villages/ Wards	Vulnerable Population Nos.	Houses	School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infrastructure		

In the year 2018, in the mean time of Cyclone TITLI and subsequent very heavy rainfall Ankuli, Buratal & Tumba Gram Panchayats of Patrapur Block have severely affected.

## 3.10 Lightning:

## Vulnerable Areas in the District :

SI.	Name of the Block/		able incidents of hit in last 5 years	of ing ts	llity/ sr	ps us	rks
No.	ULB	No. GPs	No. of Villages/ Wards	No. of Lightning events	No. fatality/ Deaths	Injured Persons	Remarks
1	Aska	3	3	4	4	0	
2	Kodala	3	3	3	3	0	
3	Bellaguntha	4	4	6	6	0	
4	Bhanjanagar	3	3	5	5	0	
5	Buguda	1	1	1	1	0	
6	Chatrapur	4	4	4	4	0	
7	Chikiti	1	1	1	1	0	
8	Dharakot	3	3	3	3	0	
9	Digapahandi	8	8	10	10	0	
10	Ganjam	1	1	1	1	0	
11	Hinjilicut	2	2	5	5	0	
12	J.N.Prasad	5	5	5	5	0	
13	K.S.Nagar	2	2	3	3	0	
14	Khallikote	4	4	6	6	0	



SI.	Name of the Block/		able incidents of thit in last 5 years	of ning nts	fatality/ Jeaths	red	arks
No.	ULB	No. GPs	No. of Villages/ Wards	No. of Lightning events	No. fatalit Deaths	Injured Persons	Remarks
15	Kukudakhandi	2	2	2	2	0	
16	Patrapur	2	2	2	2	0	
17	Polasara	5	5	6	6	0	
18	Purushottampur	5	5	5	5	0	
19	Kanisi	5	5	5	5	0	
20	Sanakhamundi	4	4	5	5	0	
21	Sheragada	2	2	2	2	0	
22	Sorada	6	6	7	7	0	

[List of villages is at Table No. 3.2 of Volume II of the DDMP]

## 3.11 Areas Vulnerable to Industrial & Chemical Hazards:

Major Industrial Establishments/ Chemical & Other hazardous material storage points:

	of the point	ф	sno 1		in the	ages/ : Kms.	tion		Vulnerable Infrastructure		
SLNO	Name & location of the Industry/ Storage point	Dept./ Ownership	Name of hazardous materials stored	Quantity	Total no. of workers establishment	No. of adjacent Villages/ Habitations within 2 Kms. radius	Susceptible Population	əsnoH	School Buildings & AWC	Hospitals	ther Critical Infra.
	Jayshree,	M/s. Grasim	Caustic Soda	72000MT	500	6	6500	1800	20	2	5
1			Liquid Chlorine	64344 MT							
'	Ganjam	Industrie	HCL	55440 MT							
		s Ltd.	Sodium Hydro chlorate	32400 MT							
2	Lanjipalli, Berhmapur	M/s. BPCL	Motor Spirit	9027 KL	20	4	1700	700	8	0	1
	Бетппари	Deport.	HSD	17647 KL							



	of the point	ď	sus I		in the	Villages/ n 2 Kms.	tion		Vulnerable Infrastructure		
ON"IS	Name & location of the Industry/ Storage point	Dept./ Ownership	Name of hazardous materials stored	Quantity	Total no. of workers establishment	No. of adjacent Villa Habitations within 2 radius	Susceptible Population	əsnoH	School Buildings & AWC	Hospitals	ther Critical Infra.
3	Narayanpur, Gopalpur,	M/s. United Spirits Ltd.	Indian Made Foreign Liquor	2,43,0000 0 Ltr.	490	4	1650	680	8	0	1
4	Alipur, Narayanpur	M/s. Fortune Spirits Ltd.	Indian Made Foreign Liquor	1,29,000 Ltr.	200	4	1800	520	8	0	1

[Detailed vulnerable habitations list and other critical infrastructure is at Table No. 3.2 of Vol- II of the DDMP]

## 3.12 <u>Drought</u>:

Drought conditions appear due to deficit rainfall over an extended period of a season, year or even more/ failure of rains in season with those of normal rainfall of a region / natural scarcity of water and other climatic factor. If the rainfall deficit is between 26-50%, the drought is classified as 'moderate', and if the deficit exceeds 50% it is 'severe'. This causes distress situation and water problem for people, animals and agriculture crop. Overall degradation of forest cover, accelerated soil erosion, encroachment/extinction of traditional water bodies / ponds/water harvesting structures are the factors leading to runoff of rainwater and cited as cause of drought.

Not only the total quantum of rainfall, but also its equal distribution over all regions matters for agricultural operations and crop production.

The drought is being declared basing upon Weather & Crop situation report submitted by Collector basing upon on field reports from Tahasildars which includes eye estimation survey and crop cutting experiments. Basing upon the crop situation report, Govt. takes decision after consultation with concerned Line Departments, towards declaration of Drought.

As per new Drought Manual, released by Central Govt. in December, 2016, four important indices are to be taken into consideration apart from other factors

- (i) Rainfall related indices
- (ii) Remote sensing based vegetation indices
- (iii) Crop situation related indices
- (iv) Hydrological indices.



Almost all the blocks have been affected by droughts in 1996, 2002, 2011 and four Blocks in 2009 drought and 16 blocks in 2015 drought were affected. In the most recent drought experienced in 2015, the below stated blocks, G.P and U.L.Bs were affected.

## 3.12.1 Drought Vulnerability (Basing upon Past Drought Records) :

			Year 20	002		Year 2009				
SI. No	Name of the Block	No. of GPs experienc	No. of	Agricu Crop A (in He	rea lost	No. of GPs experie	No. of	Agricul Crop Ar (in Hec	ea lost	
		ed drought	villages	Paddy	Non Paddy	nced drough t	villages	Paddy	Non Paddy	
1	Aska	25	76	7079	2189	0	0	0	0	
2	Bellaguntha	16	65	9357	2894	0	0	0	0	
3	Bhanjanagar	18	100	12314	3808	0	0	0	0	
4	Buguda	18	71	9215	2850	0	0	0	0	
5	Chatrapur	14	56	7503	2321	0	0	0	0	
6	Chikiti	15	99	8615	2664	2	6	620.66	20.1	
7	Dharakote	15	126	5826	1802	0	0	0	0	
8	Digapahandi	22	167	14256	4409	0	0	0	0	
9	Ganjam	12	84	4149	1283	0	0	0	0	
10	Hinjilicut	18	39	8350	2583	0	0	0	0	
11	Jagannathprasad	21	103	12692	3926	0	0	0	0	
12	Kabisuryanagar	18	56	8017	2479	0	0	0	0	
13	Khallikote	23	166	9101	2815	0	0	0	0	
14	Beguniapada	19	122	9630	2978	0	0	0	0	
15	Kukudakhandi	18	67	8849	2737	0	0	0	0	
16	Patrapur	20	245	9192	2843	3	12	1297.4	40.85	
17	Polasara	22	88	8116	2510	0	0	0	0	
18	Purushottampur	23	70	11246	3478	0	0	0	0	
19	Rangeilunda	21	61	8324	2574	1	1	108.11	3.5	
20	Sanakhemundi	18	113	9445	2921	0	0	0	0	
21	Sheragada	19	79	6823	2110	1	1	136.06	2.42	
22	Sorada	23	188	8827	2730	0	0	0	0	
	TOTAL	419	2241	196925	60905	7	20	2162.20	67	



			Year 2	011		Year 2015				
SI. No	Name of the Block	No. of GPs experienced drought	No. of villa	(in He	ultural rea lost ctares) Non	No. of GPs experien ced	No. of villages	Area He	tural Crop lost (in ctares) Non	
			ges	Paddy	Paddy	drought		Paddy	Paddy	
1	Aska	27	106	11245	348	15	30	187	189.15	
2	Bellaguntha	18	93	11835	366	10	0	273	275.74	
3	Bhanjanagar	20	142	15532	480	3	9	846	854.88	
4	Buguda	20	99	11176	346	9	37	818	826.69	
5	Chatrapur	16	81	8772	271	4	10	268	270.89	
6	Chikiti	17	140	7248	224	8	29	2310	2333.47	
7	Dharakote	17	211	10431	323	0	0	0	0	
8	Digapahandi	24	219	20341	629	20	80	313	316.43	
9	Ganjam	14	116	12184	377	11	47	645	651.41	
10	Hinjilicut	21	56	11398	353	0	0	0	0	
11	Jagannathprasa d	24	148	20564	636	19	60	2862	2890.76	
12	Kabisuryanagar	21	79	8822	273	0	0	0	0	
13	Khallikote	26	215	7420	229	1	2	61	62.01	
14	Beguniapada	22	158	4302	133	5	8	40	40.74	
15	Kukudakhandi	20	112	9308	288	1	2	11	10.9	
16	Patrapur	23	315	13914	430	20	213	2361	2384.61	
17	Polasara	25	136	9761	302	2	27	288	291.09	
18	Purushottampu r	26	98	15616	483	6	21	226	227.93	
19	Rangeilunda	24	82	19075	590	0	0	0	0	
20	Sanakhemundi	21	162	15561	481	7	55	51	51.88	
21	Sheragada	22	114	10009	310	0	0	0	0	
22	Sorada	26	262	18442	570	0	0	0	0	
	TOTAL	474	3144	27295 7	8442	141	630	11562	11678.58	

[ The detailed list of drought Villages is at Table No. 3.3 of Volume II of the DDMP]



# 3.12.2 Status of Agricultural Land dependent upon Seasonal Rain

		A		Culti	vated Are	a (In Hecta	res)
SI.	N. CH. D. I	Average Annual Rain	Ground	Pade	dy	Non-	Paddy
No.	Name of the Block	Fall ( in mm)	Water Level	Rain fed Area	Irrigate d area	Rain fed Area	Irrigated area
1	Aska	1276.2	N.A	241	7779	2804	6542
2	Bellaguntha	1276.2	N.A	318	10282	1981	4623
3	Bhanjanagar	1276.2	N.A	419	13532	3426	7995
4	Buguda	1276.2	N.A	310	10020	3504	8176
5	Chatrapur	1276.2	N.A	255	8245	2010	4690
6	Chikiti	1276.2	N.A	293	9467	1554	3626
7	Dharakote	1276.2	N.A	198	6402	3604	8409
8	Digapahandi	1276.2	N.A	485	15666	3138	7322
9	Ganjam	1276.2	N.A	138	4452	2516	5870
10	Hinjilicut	1276.2	N.A	284	9176	1633	3809
11	Jagannathprasad	1276.2	N.A	405	13095	4456	10397
12	Kabisuryanagar	1276.2	N.A	272	8810	1621	3783
13	Khallikote	1276.2	N.A	309	10001	2502	5839
14	Beguniapada	1276.2	N.A	324	10476	2217	5174
15	Kukudakhandi	1276.2	N.A	301	9724	1912	4461
16	Patrapur	1276.2	N.A	305	9846	2948	6878
17	Polasara	1276.2	N.A	276	8919	1878	4381
18	Purushottampur	1276.2	N.A	382	12358	2281	5323
19	Rangeilunda	1276.2	N.A	283	9147	1724	4022
20	Sanakhemundi	1276.2	N.A	321	10379	2588	6038
21	Sheragada 1276.2		N.A	232	7498	2498	5829
22	Sorada 1276.2		N.A	300	9700	3667	8555
	Total	-	~	6649	214973	56460	131741



## 3.12.3 Drought Vulnerability:

Due to erratic rainfall, all the blocks of the district of Ganjam are taken as vulnerable to Droughts.

River system is not enough to cater to the irrigational needs of large extent of farming lands as those are only seasonal in nature.

Many acrage of agricultural lands lies on the hilly slopes/ terrains of Chikiti, Patrapur, Sanakhemundi & Sorada Blocks.

The average annual rainfall of 127.62 cm is also not on a higher side. If all the rainfall do not pour in the appropriate season, moisture stress is experienced and drought occurs areas in many parts of the district. Such situation is going to be very common in upcoming years due to climatic change.

As majority chunk of population is dependent upon agriculture & agricultural labour, loss of crop has a cascaded effect in all concerns of life in the district. Apart from crop damage, there is loss of livelihood, loss of cattle feed, loss of purchasing power, loss of business and so on.

Hence, only disbursement of agricultural input to affected farmers will not improve the situation. Long term measures by line departments such as creation of labour days, restructuring /waving of agricultural loans, supply of agricultural kits, exploring water harvesting structures, restructuring, restoration and improvement of irrigation and canal systems etc. are issues to be taken up with all seriousness. S.O.P for all required line departments to mitigate drought has been discussed in Response Sub Plan at 1.1.36.

## 3.13 Drinking Water Crisis:

Water Crisis Areas

SI. No.	Name of the Block/ ULB	Villages/ Wards without	proper source of drinking water	Villages/ Wards having	drinking water during summer season	Fluoride	Contamination	Others Arsenic/ aline/ Iron If any
		No. of Villages/ Wards	Population	No. of Villages/ Wards	Population	No. of Villages/ Wards	Population	Others Saline/
1	Chatrapur	-	-	8	16200	-	-	-
2	Hinjilcut	-	-	17	19800	-	-	-
3	BeMC	-	-	37	376700	-	-	-
4	Purushottampur	-	-	12	12300	-	-	-
5	Bhanjanagar	-	-	9	14100	-	-	-
6	Gopalpur	-	-	2	1500	-	-	-
7	Digapahandi	-	-	2	2500	-	-	-
8	Chikiti	-	-	4	3000	-	-	-

[Block wise village list is at Table No. 3.2 of Volume II of the DDMP]



## 3.14 Railway Line Exposed to different Hazards:

[Note: Total length railway line, number of stations and movement of trains to be discussed first followed by the table]

Railway lines exposed to Hazard:

SI. No.	Hazard	Location	
1	Flood	N.A	N.A
2	Land Slide	N.A	N.A
3	Storm Surge	N.A	N.A
4	Tsunami	N.A	N.A

## 3.15 Road Accidents:

RTO CHATRAPUR									
Stretch of Road (From - to)	Length in Kms.	No. of Traffic Congestion Areas	No. of Accid ent Prone Areas	No. of villages/ habitations adjacent to accident prone areas					
Narayani Jn. To Girisola (NH-16)	87	16	17	14					
Berhampur to Soroda Via Gajalbadi upto Raipur (NH-59)	118.9	10	03	10					
Kalasandhapur to Durgaprasad Via Aska and Bhanjanagar ( <b>NH-157</b> )	64	03	01	02					
Batachatrapur to Gopalpur Port(NH-516)	05	_	_	_					
Nandika (Putiapadar) to Hinjilicut Sanulei Jn to Sheragada ( <b>SH-36</b> )	24	01	_	01					
Berhampur (1st gate) to Digapahandi Jn ( <b>SH-17</b> )	24.6	_	01	01					
Sabardeipeta to Chikiti via Jakara to Digapahandi (SH-29)	31.4	01	01	01					
Kathamantu Chowk to Tamana Via Chikiti, Dhanaghara ,Kelua,Surangi (SH-22)	49.0	-	_	-					
Khallikote to K S Nagar Via Kodala (SH-30)	26	02	01	01					
Humma to K S Nagar via Purushottampur(SH-31)	39	04	_	03					
Purushottampur to Jagannathpur Via Bhatakumarada Bhabandha ( <b>SH-32</b> )	27	05	01	04					
Chatrapur to Ganjam Via Putiapadar(\$H-7)	07	01	01	01					
Badashankha to Nandika Via Tara Tarini (SH-36)	30	03	_	02					



Stretch of Road (From - to)	Length in Kms.	Name of Traffic Congestion Areas	No. of Accid ent Prone Areas	No. of villages/ habitations adjacent to accident prone areas
Girisola Checkgate to Sorolo Village	02	Girisola Checkgate to Sorolo Village, Junction NH-16	01	02
Konisi Junction	01	Konisi Junction	01	03
Randha Junction	0.5	Randha Junction	01	02
Haldiapadar railway overbridge connecting, NH-16 from Gosaninuagoan, Berhampur	1.5	Haldiapadar railway overbridge	01	02
Jagannathpur Junction with the road moving towards Railway goods shed and the railway crossing	02	Jagannathpur Junction	01	01
DRDA chhak and Science College Junction at, Chatrapur	01	DRDA, Chhak	01	02
Road from Triveni Math to Surjyanarayanapur Via, Puintola	02	Road from Triveni Math to Surjyanarayanapur Via, Puintola	01	01
Humma dry fish market on NH	01	Humma	01	02
Khallikote-Keshpur Ghat road section	0.5	Khallikote-Keshpur Ghat road section	01	01
Keshpur village and township	01	Keshpur village and township	01	01
Ankushpur near Budhighar Thakurani Temple on Berhampur- Aska Road	02	Ankushpur near Budhighar Thakurani Temple on Berhampur-Aska Road	01	01
At Ram Chandrapur before pital and at Khadabhanga after Nalabantha	02	At Ram Chandrapur before pital and at Khadabhanga after Nalabantha	02	04
Engineering school at Aska road through Gate Bazar-Langipalli Komapalli fly over to Askia road via Gate Bazar and from Halidapadar to Aska Road / Badabazar Via: Andhapasara road inside Berhampur town area.	05	Engineering school at Aska road through Gate Bazar-Langipalli Komapalli fly over to Askia road via Gate Bazar and from Halidapadar to Aska Road / Badabazar Via: Andhapasara road inside Berhampur town area.		
Bhanjanagar to Aska, Pakalapalli chhaka near Kantheipalli Chhaka	-	Bhanjanagar to Aska, Pakalapalli chhaka near Kantheipalli Chhaka	04	04
Aska to Dharakote Reddy Damodarpalli chhaka	-	Aska to Dharakote Reddy Damodarpalli chhaka	02	02
Kantheipalli to Khairaputti Chhaka, Hanumana Mandira Bridge	-	Kantheipalli to Khairaputti Chhaka, Hanumana Mandira Bridge	02	02



Stretch of Road (From - to)	Length in Kms.	Name of Traffic Congestion Areas	No. of Accid ent Prone Areas	No. of villages/ habitations adjacent to accident prone areas
Jodabandha Chhaka turning near Ghungudi Devi Mandira	-	Jodabandha Chhaka turning near Ghungudi Devi Mandira	02	02
Badagada to Sheragada near Bambo depo	ı	Badagada to Sheragada near Bambo depo	02	02
Manikapur Forest Gate, Bhanjanagar	-	Manikapur Forest Gate, Bhanjanagar	01	01
Sorada to Gajalbadi Baunsia Chhaka Pitalapatta Bridge	•	Sorada to Gajalbadi Baunsia Chhaka Pitalapatta Bridge	03	03
Gajalbadi to Ramanabadi	-	Gajalbadi to Ramanabadi	02	02
Bellaguntha to Balipadar Bijaylaxmi -Saranapur	-	Bellaguntha to Balipadar Bijaylaxmi- Saranapur	03	03
Bellaguntha to Jagannathprasad near Jirabadi	-	Bellaguntha to Jagannathprasad near Jirabadi	02	02
Bhanjanagar to Phulbani, Suradevi Temple	•	Bhanjanagar to Phulbani, Suradevi Temple	02	02

(Note: The data above as received from the NHAI & concerned road authorities of the district.)

	RTO BHANJANAGAR									
Stretch of Road (From - to)	Length in Kms.	No. of Traffic Congestion Areas	No. of Accident Prone Areas	No. of villages/ habitations adjacent to accident prone areas						
Karsing to Bhanjanagar	SH-21 44Km	J.N. Prasad, Belaguntha (02)	Jeerabadi, Baragan & Tanarada	03						
Karsing to Balipadar	SH-33 32.6Km	Buguda & Balipadar(02)								
Sheragada, Badagada to Sorada	SH-36 42.5Km									
Bhanjanagar to Dasapala	SH-37 48Km									
Aska Sugar factory to Balipadar to Belaguntha	SH-30 56Km		02	03						
Khadabhag Chhaka to Gajalabadi	NH-59		11	15						
Kalasandhapur to Durgaprasad	NH-157	Kalasandhapur, Aska, Gangapur, Bypass Bhanjanagar, Durgaprasad	14	20						



## 3.16 <u>Population Requiring Special Care</u>:

Apart from community in General, there are specific groups within the community who need special attention. A list of such people is tabled below:

SI. No	"   Dlock Name		No. of HHs headed by PWD	With D	Persons Disability WD)	No. of Wido w		No. of Children	No. Orpł			ons and	No. of Pregnant and lactating mothers
		No. of HHs headed by Women	ų	М	F		0-5 Yrs	6-14 Yrs	М	F	М	F	oN sl
1	Chatrapur	N.A	N.A	2778	2096	2715	N.A	N.A	N.A	N.A	7408	5589	N.A
2	Ganjam	N.A	N.A	1797	1355	1807	N.A	N.A	N.A	N.A	5433	4099	N.A
3	Khallikote	N.A	N.A	2821	2128	2758	N.A	N.A	N.A	N.A	4856	3664	N.A
4	Beguniapada	N.A	N.A	2391	1803	2377	N.A	N.A	N.A	N.A	7087	5346	N.A
5	Polasara	N.A	N.A	2619	1976	2619	N.A	N.A	N.A	N.A	7682	5795	N.A
6	Purushottampu r	N.A	N.A	2767	2087	2692	N.A	N.A	N.A	N.A	7398	5581	N.A
7	KSNagar	N.A	N.A	2637	1990	2218	N.A	N.A	N.A	N.A	5957	4494	N.A
8	Hinjilicut	N.A	N.A	2447	1846	2384	N.A	N.A	N.A	N.A	6579	4963	N.A
9	Rangeilunda	N.A	N.A	8483	6399	7838	N.A	N.A	N.A	N.A	1947 2	1469 0	N.A
10	Kukudakhandi	N.A	N.A	2708	2043	2405	N.A	N.A	N.A	N.A	6322	4769	N.A
11	Digapahandi	N.A	N.A	2835	2138	2778	N.A	N.A	N.A	N.A	7872	5938	N.A
12	Sanakhemundi	N.A	N.A	3222	2431	2771	N.A	N.A	N.A	N.A	6953	5245	N.A
13	Chikiti	N.A	N.A	1911	1441	1951	N.A	N.A	N.A	N.A	6124	4620	N.A
14	Patrapur	N.A	N.A	2527	1906	2239	N.A	N.A	N.A	N.A	6344	4786	N.A
15	Bhanjanagar	N.A	N.A	2738	2066	2663	N.A	N.A	N.A	N.A	7465	5631	N.A
16	Bellaguntha	N.A	N.A	2253	1699	2087	N.A	N.A	N.A	N.A	5840	4406	N.A
17	Buguda	N.A	N.A	2183	1647	2307	N.A	N.A	N.A	N.A	6995	5277	N.A
18	JNPrasad	N.A	N.A	2476	1867	2258	N.A	N.A	N.A	N.A	6918	5219	N.A
19	Aska	N.A	N.A	2563	1933	2874	N.A	N.A	N.A	N.A	8043	6068	N.A
20	Dharakote	N.A	N.A	1944	1466	2236	N.A	N.A	N.A	N.A	5237	3951	N.A
21	Sorada	N.A	N.A	2407	1815	2689	N.A	N.A	N.A	N.A	7714	5816	N.A
22	Sheragada	N.A	N.A	2254	1700	2177	N.A	N.A	N.A	N.A	5858	4420	N.A

[The table is the block wise abstract of population requiring special care. Village wise details are at Table No. 3.16 of Volume II of the DDMP]



## **INSTITUTIONAL ARRANGEMENT:**

## 4.1 National Disaster Management Authority (NDMA):

The National Disaster Management Authority (NDMA) was constituted under the Sub-section (1) of Section (3) of National Disaster Management Act 2005. NDMA is the apex body for Disaster Management in the country headed by the Hon'ble Prime Minister of India to lay down policies, plans and guidelines to manage disaster and coordinating their enforcement and implementation for ensuring timely and effective response to disaster.

The Chairperson of the NDMA is the Hon'ble Prime Minister of India (ex-officio) and others members not exceeding than nine may be nominated by him. The Chairperson may designate one of the members to be the Vice-Chairperson.

## 4.2 National Executive Committee (NEC):

The central government has constituted a National Executive Committee (NEC) under sub-section (1) of Section (8) of DM Act-2005 to assist the National Disaster Management Authority in the discharge of its function and also ensure compliance of the directions issued by the central government.

The Union Home Secretary is the Chairperson (ex-officio) of NEC. The Secretaries to the Government of India in the ministries/departments having administrative control of the Agriculture, Defense, Drinking water supply, Environment and Forests, Finance (expenditure),

Health, Power, Rural Development, Science and technology, Space, Telecommunication, Urban Development, Water resources and Chief of the Integrated Defense Staff of the chief of staffs are other members of NEC.

### 4.3 State Disaster Management Authority (SDMA):

The State Disaster Management Authorities (SDMA),Odisha has been constituted by state government under the subsection (1) & (2) of section 14 of Disaster Management Act 2005. The Hon'ble Chief Minister, Odisha is the Chairperson (ex-officio) of OSDMA and other members not exceeding than eight have been be nominated by the Chairperson.

The Chairman of the State Executive Committee (SEC), i.e. Chief Secretary, Odisha is the Member and Chief Executive Officer (ex-officio) of SDMA



#### The State Disaster Management Authority, Odisha shall:

- Lay down policies and plans for disaster management in the State.
- Approve the State Plan in accordance with the guidelines laid down by the NDMA,
   Coordinate the implementation of the State Plan, recommend provision of funds for mitigation and preparedness measures.
- Review the developmental plans of different departments of the State to ensur ethe integration of prevention, preparedness and mitigation measures.
- Lay down guidelines to be followed by different departments of the State Government for the purpose of integration of measures for prevention of disasters and mitigation in their development plans and projects and provide necessary technical assistance also review the measures being taken for mitigation, capacity building and preparedness by the departments of the State Government & issue such guidelines as may be necessary.
- Lay down detailed guidelines for providing standards of relief (Not less than the minimum standard of relief in the guidelines of NDMA) to persons affected by disaster in the State.

## 4.4 <u>State Executive Committee (SEC)</u>:

The State Executive Committee (SEC) has been constituted by the State Government under sub-section (1) & (2) of section (20) to assist the State Disaster Management Authority (SDMA) in the performance of its function and to coordinate action in accordance with the guidelines laid down by the SDMA and ensure the compliances of directions issued by the State Government under the D.M. Act. The Chief Secretary of the State is the Chairman of SEC (ex-officio). Four Secretaries of State Government are the other member's ex-officio. The Chairperson of SEC use powers delegated by OSDMA and state Government.

#### The State Executive Committeeshall:

- Coordinate and monitor the implementation of the National Policy, National Plan and State Plan.
- Examine the vulnerability of different parts of the State to different forms of disaster and specify measures to be taken for their prevention and mitigation.
- Lay down guidelines for preparation of disaster management plans by the departments of the Government of the State and the District authorities and monitor the implementation of the plans.
- Evaluate preparedness at all government and non-government levels to respond to any threatening disaster situation or disaster and give all directions where necessary for enhancing such preparedness.



## 4.5 Revenue and Disaster Management Department:

The Revenue and Disaster Management Department is responsible for providing immediate relief to the people affected by various calamities like floods, droughts, cyclones, hailstorms, earthquakes, fire accidents, etc. It also takes initiatives for relief, rescue, rehabilitation and restoration work. The Department is headed by the Principal Secretary/Addl. Chief Secretary, Revenue and Disaster Management Department who exercises all administrative and financial powers.

## 4.6 <u>Special Relief Organization</u>:

The Special Relief Organization was established under the Board of Revenue in 1965-66 for carrying out relief and rescue operation during and after various disasters. Since its inception, the scope of Relief Organization has been diversified. Now it deals with disaster management i.e. response, relief and rehabilitation. It coordinates with districts/departments for quick relief and rescue operation, reconstruction and rehabilitation work. It also promotes disaster preparedness at all levels in the State with the assistance of Odisha State Disaster Management Authority (OSDMA). Quick response in the natural calamities is the hall-mark of Special Relief Organization.

## 4.7 Odisha State Disaster Management Authority (OSDMA):

Odisha State Disaster Mitigation Authority (OSDMA) was established by the Government of Odisha as an autonomous organization vides Finance Department Resolution No. IFC- 74/99-51779/F dated the 28<sup>th</sup> December 1999 (in the immediate aftermath of the Super-cyclone in 1999). It was registered under the Societies Registration Act, 1860 on Dt. 29.12.1999 as a non-profit making & charitable institution for the interest of the people of Odisha, with its headquarters at Bhubaneswar and jurisdiction over the whole State.

The Authority has the mandate not only to take up the mitigation activities but also the relief, restoration, reconstruction and other measures. These activities cover the entire gamut of disaster management including preparedness activities and also include:

- Coordination with the line departments involved in reconstruction,
- Coordination with bilateral and multi-lateral aid agencies,
- Coordination with UN Agencies, International, National and State-level NGOs.
- Networking with similar and relevant organizations for disaster management.



## 4.8 State Level Committee on Natural Calamity (SLCNC):

A State Level Committee on Natural Calamity (SLCNC) has been constituted under the Chairmanship of the Hon'ble Chief Minister to oversee disaster preparedness and response activities.

#### The Function of the SLCNC is -:

- To advise the State Government regarding precautionary measures to be taken in respect of flood, drought and other natural calamities.
- To assess the situations arising out of the calamities.
- To recommend to Government the nature and quantum of relief; and
- To recommend to Government the Policy to be adopted in giving such relief in areas affected by such calamities.

## 4.9 <u>District Disaster Management Authority (DDMA)</u>:

Under the sub-section (1) of section 14 of DM act 2005 District Disaster Management Authority (DDMA) has been constituted by the State Government. The DDMA consists of the Chairperson and such number of the other members, not exceeding seven, as may be prescribed by the State Government, and unless the rules otherwise provide. It shall consist of the following, namely: -

- The Collector or District Magistrate, Ganjam is the Chairperson (ex-officio) of DDMA.
- There are other Members of dist. level function as Members. The current structure is as follows.



# Structure of District Disaster Management Authority (Ganjam District)

SL No.	Name of the Officer	Designation	Position in DDMA	Contact No.
1	Vijay Amruta Kulange, IAS	Collector & D.M., Ganjam	Chairperson,Ex -officio	9438835404
2	Smt Sonam Pallei	Chairman, Zilla Parishad	Co-Chairperson, Ex officio	
3	Sri Brijesh Kumar Rai,1PS	S.P, Ganjam	Member,Ex-Officio	06811-263366
4	Sri Pinak Mishra, IPS	S.P, Berhampur	Member,Ex-Officio	0680-2291000
5	Dr.Bijay Ku Panigrahi	CDM& PHO, Ganjam	Member, Ex-Officio	9437358542
6	Er. Dillip Kumar Das	EE Chikiti Irrigation Divn, Berhampur and EE,Embankment(I/c)	Member, DDMA	9437092530
7	Er.Bijaya Kumar Pala	EE, Berhampur Irr. Divn., Berhampur EE, Embankment	Member, DDMA	9437236162
8	Sri N.R. Samantaray	EE, Embankment EE Bhanjanagar Irr. Divn., Bhanjanagar	Member, DDMA	9437623588
9	Sri Laxmikant Sethi, OAS (S)	ADM, Ganjam in charge of Emergency	Chief Executive Officer,Ex Officio	9437147962
10	Er. P. K. Mishra	Executive Engineer, RD –I	Member, DDMA	9437255319
11	Er. P.K. Jena	Executive Engineer, RD –II,	Member, DDMA	9437255320
12	Er. Sidhharth Sankar Swain, IAS	PD, DRDA, Ganjam	Member, DDMA	9437063965
13	Sri Manoj Kumar Behera	Dy. Director, Agriculture	Member, DDMA	9437579780



CHAIRPERSON CO-CHAIRPERSON Collector & D.M. President-CHIEF EXECUTIVE OFFICER Additional District Magistrate Superintendent of **Chief District** Executive Engineer in Police (Member, **Medical Officer** Charge of Embankment ex officio) (Member, ex officio) (Member, ex Member,Exec Member, Member, utive PD, DRDA, Dy. Director, Engineer, RD

Figure 1: Organogram of District Disaster Management Authority (DDMA)

The DDMA acts as the district planning; coordinating and implementing body for disaster management and take all measures for the purpose of disaster management in the district in accordance with the guidelines laid down by the NDMA and SDMA.

The District Disaster Management Authority (DDMA) shall;

- a. Prepare Disaster Mgmt. Plan including Dist. response Plan of the Dist.
- b. Coordinate and Monitor the implementation of the National DM Policy, State DM Policy, State DM Plan and District DM Plan.
- c. Ensure vulnerable areas of the districts are identified and prevention and mitigation measures are being undertaken by the departments of the Government bodies at local level.



- d. Ensure that guidelines for Prevention and Mitigation measures, Preparedness and Response as lay down by NDMA and SDMA are being followed by all departments of Government.
- e. Monitor the implementation of Disaster Management Plans/Contingency Plans prepared by the departments of the Government at the district levels & their S.O.P.
- f. Lay down guidelines to be followed by different Government bodies both at district level and local level for integrating disaster prevention and mitigation measures in their development plans and projects and provides necessary technical assistance therefor;
- g. Review the state of capability for responding to any disaster or threatening disaster like situation in the district and give directions to the relevant departments or authorities at the district level for their up gradation.
- h. Review the preparedness measures and give directions to the concerned departments at the district level for bringing the preparedness measures to the levels required for responding effectively to any disaster.
- i. Organize, coordinate and facilitate specialized training programms and awareness programms for different level of officers, employees, voluntary rescue workers and community members for prevention and mitigation of disaster with support of governmental and non-governmental organization and local authorities.
- j. Set up, maintain, review and upgrade mechanism for early warning and dissemination of proper information to public.
- k. Review development plans prepared by the departments of the government at the district level, statutory authorities with a view to make necessary provisions therein for prevention of disaster or mitigation.
- I. Examine construction in any area in the district an ensure standards for prevention of disaster or mitigation laid down for such construction to be followed by the concerned departments and authorities.
- m. Identify buildings and places which could be used as relief centers or camps in the event of any disaster or disaster like situation and make arrangements for water supply and sanitation in such buildings and places.
- n. Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at short notice;
- Encourage the involvement of Non Government Organization and Voluntary social
   -welfare institutions working at the grass root level in the district for disaster management.



- p. Ensure communication systems are in order and disaster management drills are carried out periodically.
- q. Perform such other functions as the State Government or State Authority may assign to.

r.

#### 4.10 Specific task assigned to members of DDMA by the Chairperson:

#### 4.10.1 Member 1: Superintendent of Police, Ganjam & Berhampur:

- An officer to be appointed as nodal officer on his behalf
- Overall traffic management and patrolling of all highways and other access roads to disaster sites
- Identification of antisocial elements
- Provisions of security at the transit camps / feeding Centers / relief camps / Cattle camps/ Cooperative food stores and distribution centers.
- Providing assistance to district authorities for taking necessary action against hoarders, black marketers and those found manipulating relief material.
- Coordination with military service personnel in the area being carried out under relief operation
- Providing assistance to the community in organizing emergency transport or injured.

## 4.10.2 Member 2: PD, DRDA, Ganjam:

- An officer to be appointed as nodal officer on his behalf
- Co-ordination head among various Govt. agencies.
- Issue proper guidance to all BDOs and E.Os of U.L.Bs
- Bring into line all PRI members to streamline post-disaster relief measures and their active involvement
- Monitoring and appropriate deployment of NDRF/ODRAF/Civil Defense forces in critical areas affected
- Provide employment oriented labour intensive work in selected distress areas or pockets
- Plan for drought prone areas in which durable remunerative, productive and asset creating schemes and projects for execution towards permanent solution of drought problem
- Contingency plan of such works and as soon as drought situation develops; or the situation worsens these projects are to be switched on to.



#### 4.10.3 Member 3: CDMO, Ganjam, Berhampur

- An officer to be appointed as Nodal Officer
- Stockpiling of live saving, anti-diarrhoeal drugs, de-toxicants, anesthesia, anti-snake venom, adequate drinking water
- Arrangement of ambulance/ generators
- In-house emergency medical teams to ensure the adequate staff available at all times to handle emergency causalities
- Listing of private health facilities
- Strengthening of disease surveillance
- Formation of mobile units and ensure communication with them
- Identification of sites in probable disaster areas for site operation areas
- Awareness generation by supporting strength in community

## 4.10.4 Member 4: Dy. Director, Agriculture, Berhampur

- Communication establishment with District and Block/ Tahasil control room and departmental officers within the division
- An officer to be appointed as nodal officer
- Information provided about the disaster and likely damages to crop and plantation
- Organized transport, storage and distribution of seeds/ fertilizers/ pesticides
- Cleaning operation carried out to avoid water logging and salinity
- Surveillance for pests and diseases amelioration measures and facilitation of agriinputs
- Establishment of farmers club and sensitization and stress-counseling.
- Identification of different areas to be affected by the hazard and diversification of crop pattern.

## 4.10.5 Member 5: E.E.in charge of Embankments, Berhampur /Bhanjanagar & Chikiti Irr. Divisions

- Closure of past breaches occurred in embankments and canals/ strengthening of weak points
- Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division during flood
- An officer to be appointed as Nodal Officer
- Activation of flood monitoring and response mechanism



- Evolve mechanism for forewarning, attention towards down streams/ judging live storage / advance alerting in case of evacuation / coordination with local administration and other Water Resource bodies
- Arrangements of material adequately for response operations
- Repair/ completion of ongoing works in a time bound manner, to meet the local needs and strengthening of the embankments
- Watch and assess the river gauge and reporting to state and district head quarters
- Inlet and outlet channels are cleared
- Special attention to weak embankments and stock piling of materials, to check flood
- Ensuring adequacy of water for Khariff to canals MIPs/LIPs in ayacut area up to tail end
- Construction of check dams over streams, rivers and nalas to save standing crops, in case of deficient rain fall.

## 4.10.6 Member 6: Executive Engineer, R W Division I & II:

- An officer to be appointed as nodal officer
- Arrangement of extra vehicles/ heavy equipments, such as front-end loaders/ towing vehicles/ earth moving equipments/ cranes etc.
- Inspection and emergency repair for roads/ road bridges/ underwater inspection/ piers/ concrete and steel work
- Arrangement for clearance of road blockade for commuters
- Barricading roads/bridges submerged or over topped by flood water to avoid hazard and erection of cautionary hoardings.
- Mobilizing of community and their assistance for road clearing and sub-way
- Rapid repair and restoration of damaged road and portions.
- Rapid assessment of damages to road, culvert and other critical infrastructure and submission of report to the higher quarters.

## 4.11 <u>District Level Committee on Natural Calamity (DLCNC)</u>:

The Codal provision of Odisha Relief Code envisages the constitution of District Level Committee on Natural Calamity (DLCNC) which is the apex committee at the district level to monitor preparedness level, advise precautionary measures and appropriate relief measures in respect of flood, drought & other natural calamities. The members of DLCNC are:



#### Structure of District Level Committee on Natural Calamity

SI No.	Designation of the Officer/Public Representative	Designation in the D.L.C.N.C.	Contact No.
1	Collector of the District	Chairman	06811-263700(Res)/ 263800(Off.)9438835404
2	M.P-Aska P.C. M.P-Brahmapur P.C. M.P-Kandhamal P.C.	Members	N.A
3	All M.L.As	Members	N.A
4	C.D.M& P.H.O.	Member	9437358542
5	C.D.V.O.	Member	9437212334
6	Suptd. Engr (Irr.)	Member	N.A
7	Dist. Emergency Officer	Member Secretary	9937396145

The Chairman may invite dist. level officers of various Deptts., B.D.Os, Block Chairmans, Tahsildars to attend the D.L.C.N.C. meeting and participate.

The Ministers, Ministers of Stae, Dy Ministers, Speaker and Dy. Speaker may nominate any person from their constituency to represent them in the D.L.C.N.C.in case they are unable to attend such meeting.

(Any other existing committees for Disaster Management at District/ Block/Panchayat and Village level will be incorporated during further upgradation)

#### 4.12 National Disaster Response Force (NDRF):

The Disaster Management Act 2005 has made the statutory provisions for the constitution of the National Disaster Response Force (NDRF) for the purpose of specialized response to natural and man-made disasters. The NDRF comprises of 12 units of Central Paramilitary Forces (CPMF) that includes 3 units each from Central Reserve Police Forces (CRPF) and Boarder Security Forces (BSF) and 2 Unit each from Central Industrial Security Forces (CISF), Indian Tibbet Boarder Police (ITBP) and Sahastra Seema Bal (SSB). Each battalion has 18 self-contained specialists Search and Rescue teams of 45 personnel. The NDRF team includes Chemical, Biological and Radiological Disaster (CBRN) emergency responders, S&A element, engineers, technicians, electricians, dog squads and paramedics. The NDRF battalions are strategically located at 8 different locations in the country based on the vulnerability profile to cut down response time for their deployment. During the threatening disasters proactive deployment of NDRF is being carried out by NDMA in consultation with the State Governments.



# <u>Location of National Disaster Response Forces :</u>

SI. No.	Battalion, Location	State	Man power drawn from	Contact Person	Contact No.
1	01 Bn, NDRF, Guwahati	Assam	BSF	Mr. S. K. Shastri	0361-2840284 09401048790 09435117246
2	02 Bn, NDRF, Kolkata	West Bengal	BSF	Mr. Nitish Upadhyay	033-25875032 09474061104 09474116775
3	03 Bn, NDRF, Munduli, Cuttack-754013	Odisha	CISF	Mr. M.K. Yadav	0671-2879711 09437581614 9437964571
4	04 Bn, NDRF, Arakkonam	Tamil Nadu	CISF	Ms. Rekha Nambiyar	04177-246594 09442140269 09442105169
5	05 Bn, NDRF, Pune	Maharashtra	CRPF	Mr. Anupam Srivastava	02114-247000 09422315628 09423506765
6	06 Bn, NDRF, Gandhinagar	Gujrat	CRPF	Mr. R. SJoon	079-23201551 09723632166 09428826445
7	07 Bn, NDRF, Ghaziabad	Uttar Pradesh	ITBP	Mr. P.K. Srivastava	0120-2766618 09412221035 09968610014
8	08 Bn, NDRF, Bhatinda	Punjab	ITBP	Mr. Ravi Kumar Pandita	0164-2246193 0164-2246570 09417802032
9	09 Bn, NDRF, Patna	Bihar	BSF	Mr. Vijay Sinha	06115-253939 08544415050 07762884444
10	10 Bn, NDRF, Vijayawada	Andhra Pradesh	CRPF	NA	0863-2293050 08333068559 0863-2293178
11	11Bn, NDRF, Varanasi	Uttar Pradesh	SSB	Mr. A.K. Singh	0542-2501101 08004931410 09455511107
12	12 Bn, NDRF, Itanagar	Arunachal Pradesh	SSB	Mr. Angom Kiran Chand Singh	0360-2277106 0360-2277104 09485236141



## 4.13 Odisha Disaster Rapid Action Force (ODRAF):

The Government of Odisha formed Odisha Disaster Rapid Action Force (ODRAF) vide notification no.939/CD dated 07.06.2001. ODRAF is a multi-disciplinary, multi-skilled, high-tech force for all types of disasters. ODRAF aims at reducing casualties, clearance of communication channels, quick deployment of personnel and equipments and minimize expenditure and time lag and support institutional arrangement. In 3 phases, ten units of ODRAF have been set up in the state so far. The ODRAF units are strategically located throughout Odisha. Locations of these units are identified on the basis of vulnerability profile to cut down the response time for their deployment. The ODRAF Units do not have any geographical / territorial restrictions in terms of area of operation.

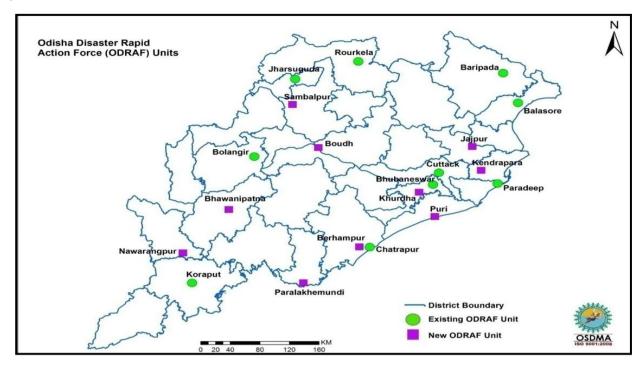
10 new units of ODRAF have been proposed to set up at different locations like Sambalpur, Boudh, Kalahandi, Nawarangpur, Gajapati, Berhampur, Puri, Khorda, Kendrapada and Jajpur.

Location of Odisha Disaster Rapid Action Force with contact details :

SI. No	Place	Personnel drawn from	Name of the Commandant	Contact No.	ODRAF In charge	Contact No.
1	Cuttack	OSAP 6th Bn, Cuttack	Mr. Lingaraj Parida, OPS	9861039267	Mr. Mahatang Hansda	9439457443
2	Jharsuguda	OSAP 2nd Bn, Jharsuguda	Mr Mohammed Zahid, OPS	9437176264	Mr. Kul Bahadur Thapa	9658630354
3	Koraput	OSAP 3rd Bn, Koraput	Mr. Subash Chandra Nayak	9437250194	Mr. Ramesha Chandra Hati	9938406905
4	Chatrapur	OSAP 8th Bn, Chatrapur	Mr. Udaya Ku. Rath,	9437233728	Mr. Ashok Kumar Behera	9437866774
5	Balasore	Armed Police Reserve (APR), Balasore district	Mr. Nithi Sekhar, IPS	9438153309	Mr. P.K. Ransingh	9439379619
6	Bhubaneswar	OSAP 7th Bn, Bhubaneswar	Mr. Biren Ku. Sasmal, OPS-I	9437081266	Mr. D.K. Dehuri	9437185548
7	Mayurbhanj at Baripada	OSAP 5th Bn, Baripada	Mr. Abinash Kumar, IPS	9438153308	Mr. Chandamani Bag	9861986183
8	Rourkela	OSAP 4th Bn, Rourkela	Mr. Khageswar Goud, OPS	9437358292	Mr. Ashok Behera	9437419436
9	Balangir	Armed Police Reserve (APR), Balangir district	Mr. Ashish Kumar Singh, IPS	8895046814	Mr. M. Laxmiranjan	9439268154
10	Jagatsinghpur at Paradeep	Armed Police Reserve (APR), Jagatsinghpur district	Mr. J.N. Pankaj, IPS	9437102020	Mr. P.K. Routray	9438436188



Map: Location of ODRAF Units



## 4.14 Other Disaster Response Teams in the district :

List of other Disaster Response Teams in the District

SI. No	Name of the Institutions	Name of the Chief Coordinator of the Organization	Designation	Contact Number	Alternate Contact Number	Number of Volunteers
1	Home Guards	Sri A.K.Singh, IPS	Commandant, Home Guard	06811- 263946	N.A	638
2	National Service Scheme (NSS)	Dr. Satish Kumar Nayak	Dist. Programme Officer	9861966775	N.A	N.A
3	National Cadet Crops (NCC)	Lt. Cornel Arnab Banarjee	Admn. Officer	7381009803	0680- 2280038	N.A
4	Nehru Yuva Kendra (NYK)	Ashok Kumar Dash	Dist. Youth Co-ordinator	9437137422	N.A	46
5	Red Cross	B.Govinda Rao, YRC	Lecturer in Botnay	9438189199	N.A	2160
6	NGOs	Lokanath Mishra	Director, ARUNA	9338464261	N.A	N.A
7	VOs	Tuna Maharana	Secy., Kamadhenu Seva Samiti, Kalyanpur, Gm.	9437402023	9861587 344	52
8	Civil Defense					

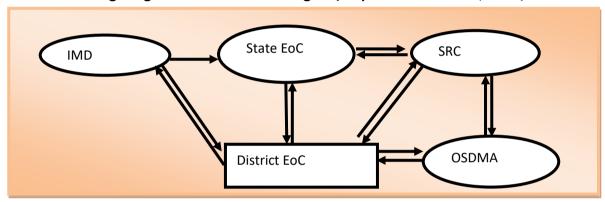


### 4.15 Emergency Communication System:

### 4.15.1 State Emergency Operation Center (SEOC):

The State Emergency Operation Centre has been made operational at Rajiv Bhawan, Bhubaneswar with state of art communication net-work. The State EOC functions round the clock throughout the year. The Organisation is headed by the Special Relief Commissioner (SRC) who exercises all administrative and financial powers. He is assisted by a group of experienced officers and staff. During any natural disaster, the office functions round the clock in an emergency mode.

### Organogram of the State Emergency Operation Center (SEOC)



### 4.15.2 District Emergency Operation Centers (DEOC):

### Structure and Function:

- The District Emergency Operation Centre (DEOC) is to identify and ensure implementation of DRR into all developmental projects and schemes and ensure proper functioning of the resources present in the District every six months.
- Based on the analysis, the DEOC has to procure/purchase/borrow resources from the
  concerned authorities and replace the dilapidated and non-functioning resources using the
  developmental funds.
- Monitor that all the officers of the frontline departments are trained as per their requirement and also to ensure that all prevention, mitigation, preparedness and response measures are properly implemented within the district.
- Convene meeting of District Disaster Management Authority in appropriate time
- Prepare and update District Disaster Management Plan
- Ensure running of Control room at District level and subordinate levels
- Dissemination of weather and disaster warnings
- Reporting on casualties, losses relating to disasters to higher quarters



# Equipments provided to DEOC and their operational status :

SI			St	atus	_
No	Equipments	Unit	Operational	Non-Operational	Remarks
1	Desktop Computer	5	4	1	
2	Laser Printer	3	3	0	
3	UPS	4	4	0	
4	Scanner	1	1	0	
5	Fax	1	0	1	
6	Ink Jet Printer	0	0	0	
7	Multi Utility Machine (Printer, Scanner, Fax, copy)	1	1	0	
8	Laptop	0	0	0	
10	LCD Projector	1	1	0	
11	Photocopier	0	0	0	
12	GPS Unit	0	0	0	
13	Satellite Phone	1	1	0	
14	VHF Sets	1	0	1	
15	VHF Mobile Station	0	0	0	
16	Walkie-Talkie (VHF hand Set)	0	0	0	
17	Portable Diesel Generator	1	1	0	
18	Inverter with Battery	1	1	0	
19	Inflatable Tower Light	2	2	0	
20	Power Saw	2	2	0	
21	Life Jacket	0	0	0	
22	Life Buoy	1	1	0	
23	Aluminum Ladder	0	0	0	
24	Fire Extinguisher	0	0	0	
25	Siren	1	1	0	
26	Megaphone	1	0	1	
27	Colour TV/Stand	0	0	0	
28	Mobile Phone	0	0	0	



SI No	Equipments	Unit	Status	Remarks	SI No
29	Display Board	0	0	0	
30	White Broad	1	1	0	
31	Computer Table/Chair	0	0	0	
32	Rack	0	0	0	
33	Book Case	1	1	0	
34	GI Trunk	1	0	1	
35	Commando Search Light	0	0	0	
36	Steel Almirah	0	0	0	

Figure: Information flow chart from District Emergency Operation Center (DEOC) to Villages with early warning

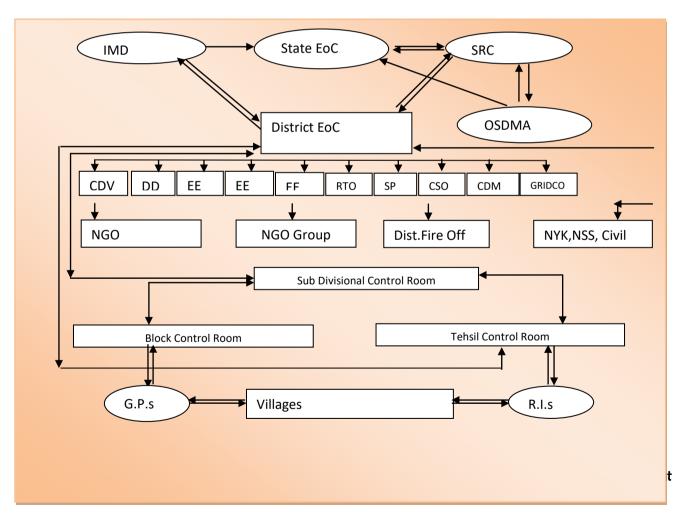
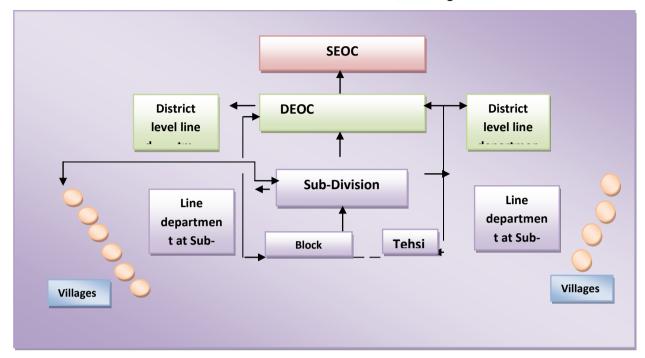




Figure: Information flow chart from Villages to District Emergency Operation Center (DEOC) without early warning

Table showing Important Line Departments of the District.

(Details given vide table no.04 of Vol-II)



### 4.15.3 Block Emergency Operation Center (BEOC):

- The Block Emergency Operation Centre (BEOC) is to identify and ensure implementation of DRR into all developmental projects and schemes and ensure functioning of the resources present in the Blocks every six months.
- Monitors and ensures that all the officers / stakeholders are trained as per their requirement and also all prevention, mitigation, preparedness and response measures are properly implemented within the block

#### The BEOC is to ensure -

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



### Figure: Coordination Structure at the District Level and Down the Line

#### Collector/DM Health Transport Food Supply Welfare Agriculture Education Animal Husbandry Labour Finance DLO RTO cso DSWO DAO CDMO DEO CDVO DAO/TO ACSO SDWO AAO ADMO DPO (SSA) DPO ADVO MVI (RAMSA) VAW MO/DPM BEO SI/MI WEO ASHA

#### 4.16 GO-NGO Coordination before and after disaster in the district :

### 4.17 Role of Corporate Sector in the district relating to Disaster Management :

Within the context of extensive damage caused by the very severe cyclonic storm "PHAILIN" in the coastal areas of the Ganjam district and to take up rapid measures in relief, rehabilitation and restoration work on war footing basis it highly was necessary to have a coordination among N.G.Os and their activities and implement their actions in field in a judicious and rational manner an Inter Agency Coordination Group (I.A.C.G.) was formed by Collector vide order no.1475/Dtd.19-10-2013. The aim and objective was to fairly distribute the services and critical supplies offered by various N.G.Os / Voluntary Organizations and Corporate sectors to mitigate the impact of the cyclone.

#### 4.18 Public Private Partnership: Public & Private Emergency service facilities available in the district.

Apart from man power and resources available with line deptts. of the dist. different disaster management equipments, vehicles, tools, kits, machines, emergency services and skilled man power etc. are also available with Private Enterprises, Individuals as well as with Corporate sector present in the dist. 4.19 Multi Purpose Cyclone Shelters (MCS) in the district



### 4.19 <u>Multipurpose Flood Shelters (MFS) in the District</u>:

Table containing details of MCSs & MFSs in the district alongwith their Presidents, Secretaries and their contact nos. is given vide Table no.3.14 in Vol-II)

Details of equipments provided to MCS

## STANDARDIZED SHELTER LEVEL EQUIPMENTS

SI. No.	I IIEMS I			Description	UNIT PER SHELTER	
1.	Lifebuoy (Ring Type)				SOLAS/ IRS approved	5 Nos.
2.	Life Jacket (A	Adult)			Assorted Size	5 Nos.
3.	Fluorescent . (25 + 25)	Jacket – 5	0 Nos.		25 Reddish Orange & 25 Lime Yellow	50 Nos.
4.	Safety Shoes				(Hard Toe Industrial) 10 Pairs	10 pairs
5.	Hand Glove	S			(Ordinary working) – 10 Pairs	10 pairs
6.	Safety Helm	et (Indust	rial)		10 Nos ISI mark	10 Nos.
7.	Rain Suit- 10	set			(Rubberized Polyester Fabric)	10 Sets
8.	Foldable Stre	etcher			(208L x 54.5 W x 13 HCM)	2 No.
9.	Dari				( 12ft x 12 ft)	2 Nos.
10.	Inflatable To	wer Ligh	t		(Recoil start portable A.C. Generator set)	1 No
11.	Telescopic type)	Tower	Light	(LED	Base light-420x with DG set	1 No.
12.	Nylon Rope	(12 mm)			12 mm dia 50 mtr length rope	2 Nos.
13.	Karnamenta	l Rope			12 mm dia 50 mtr length rope	2 Nos.
14.	G.I. Trunk				Size:6ft x 3ft x 2.5ft	1 No.
15.	Wall Suppor	t Extensio	n Ladde	er	(Aluminum) 35 ft.	1 No.
16.	Steel Almiral	n			(78"H x 36"W x 19"D)	1 No.
17.	Steel Rack				(IS 226/1975, size 6.5ftH x 3ftL x 2ft)	1 No.
18.	Plastic Mold	er Chairs			(Size: 548L x 555W x 850H mm)	10 Nos.
19.	Handheld Tools			Spade- 2 No.s Pick Axe- 2 Nos. ii. Crow Bar- 2 Nos. v. Large Axe- 2 Nos. v. Hand Saw- 2 Nos. i. Shovel- 2 Nos.	1 Set	
20.	Solar Lantern			(Portable Type)	2 Nos.	
21.	Fire Extinguisher 4.5 Kg			(Co2 type)	1 No.	
22.	Handheld Megaphone				1 No.	
23.	Handheld Se		t		Led Type	1 No.
24.	Siren (Electri	cal)			(Electric Siren 220/250 volt single phase)	1 No.



SI. No.	ITEMS	Description	UNIT PER SHELTER
25.	Radio	(Reputed mark)	1 No.
26.	Notice Board with Kitchen net covering and locking wooden	(Size: 120 x 90 cm)	1 Set
27.	First Aid Box with materials and manuals	(Size of Box: 14" x 9" x 4")	1 No.
28.	Free Kitchen Utensils	( 22 type Annexure Attached)	1 Set
29.	Water Filter	Aquatech	4 Nos.
30.	Power Saw (Chain Saw)	ISI marked Standard make	2 Nos.
31.	Wheel Chair	Dura Hard Cushion Wheelchair	2 Nos.
32.	Tarpaulin	Standard Size	2 Nos.
33.	Diesel Generator	5kv powered silent DG set	1 No.
34.	Dustbin 120 ltr	(2-Green & 2-Blue)	4 Nos
35.	Dustbin 100 ltr With stand post	(1-Green & 1-Blue)	2 Nos
36.	Dustbin-110 ltr- Trolley		1 No

### 4.20 Other identified Safe temporary shelters in the district:

Table: Identified Safe temporary shelters

Table containing details of identified safe temporary shelters. is given vide Table no.3.19 in Vol-II)

## 4.21. Other Safe Sites for temporary shelter for Flood/ Tsunami etc. :

SI. No.	Block Name	GP Name	No. of Mounts	No. of High Bridges	No. of villages
1	Chatrapur	Agastinuagam	2	1	1
2		Kalipalli	1	0	1
3		Konamana	0	0	3
4	Chikiti	Ekasingi	1	0	1
5		Katuru	3	0	4
6		Sonapur	2	0	2
7	Ganjam	Ganjam NAC	2	1	1
8		Huma	2	1	1
9		Palibandha	1	1	4
10		Ramagada	2	0	9
11	Rangeilunda	Golabandha	1	0	2
12		Gopalpur NAC	1	0	1
13		Indrakhi	0	0	2
14		Keluapalli	1	0	2



SI. No.	Block Name	GP Name	No. of Mounts	No. of High Bridges	No. of villages
15		Narayanapur	1	0	1
16		Baxipalli	1	0	2
17		Sasanapadar	1	0	2
TOTAL			22	2	39

### 4.22 <u>District Crisis Group</u>:

In accordance with Rule-8 of Chemical Accidents (Emergency Planning, preparedness and Response) Rule, 1996, District Crisis Group (DCG) of this District was constituted during the year, 2002 with the following members.

Collector, Ganjam is the Chairman, Asst. Director, Factories and Boilers, Berhampur Zone, Berhampur is the Member Secretary. The Members are - MLA, Chatrapur AC/ MLA, Berhampur AC., Dist. Emergency Officer, Ganjam, District Fire Officer, Ganjam/ DIPRO, Ganjam, Chatrapur/ SCO, Ganjam / S.P. Berhampur/ CDMO, Ganjam/Chairman, BeMC, Berhampur/ E.E. RWSS, Berhamapur/ R.O. Odisha State Pollution control Board/ Dist. agriculture Officer, Chatrapur, Berhampur/ RTO, Ganjam.

### Main activities of D.C.G., Ganajm:

The main activities of the **District Crisis Group** are as follows:

- Location of all Major Accident Hazard & Hazardous factories shall be examined with reference to threat to human lives and properties and action shall be taken to relocate the units having potential threat to human lives.
- To ensure that units having storage of petroleum products shall install water tanks
  of adequate capacity for fire fighting in case of emergency & to ensure availability
  of sufficient foam materials to face any eventuality.
- To ensure conduct of offsite Mock drill at least once in a year involving all stakeholder departments including OSDMA, ODRAF, State Fir service, Health & Family Welfare Department, Police, RTO State Pollution Control Board & local Asst. director of Factories and Boilers
- ODRAF team shall be moved to deal with the Chemical accidents, i.e. to facilitate
  their effective involvement during evacuation and rescue activities during
  chemical emergency in industries.
- To ensure setting up of specialized Burn centers /Hospitals at Industrial clusters.
- Effective steps shall be taken to conduct survey in respect of population and properties which are under threat including cascading effects, if any, in close vicinity of the MAH Factories and preparation of Hazard Mappings.



### **PREVENTION & MITIGATION MEASURES:**

- 5.1 <u>Construction and restoration works on the line of vulnerability of the area and laid principles towards execution.</u>
  - 1) Vulnerability of the area and portions of the public road/ river & canal embankment susceptible to heavy flow of the accumulated water, positioning Govt. buildings or such structures to be reviewed while preparation of development plans are done by the Departments of Government in the district/ statutory authorities or local authorities with a view to make necessary provision therein for prevention of disaster or mitigation.
  - 2) Examine the construction/restoration works in any area in the district; if it is of the opinion that the standards have not been followed, the concerned authority to take such action as may be necessary to secure compliance of such standards.
  - 3) Authorities/ line Deptt. working in the district and in charge of execution of public works should mandatorily include principles for execution of works as per their list of projects and make such provisions & prepare estimates on the lines of safety norms, sustainable and serviceable standard and more over its endurance in the face of recurring natural calamities as a standard practice.
  - 4) To maintain accountability and attention to be given to the repair & restoration work done, so that it does not get wasted in the succeeding calamity /monsoon and for avoidance of un-necessary expenditure of public money.

#### Role and responsibilities:

- Department of WaterResources covering all Irrigation Divisions, Minor
   Irrigation Divisions and Lift Irrigation Division of this district
- Panchayati Raj & Drinking Water Dept. covering DRDA, all Blocks and RWSS Divisions of this district
- o Rural Development Dept. covering all R.W. Divisions of this district
- Housing & Urban Development Department.covering BeMC, Berhampur ,
   Hinjilicut Municipality, all NACs and all PH Divisions of this district
- o Home Dept. and their establishments
- o Energy Department. covering all Electricity Divisions of the district
- School and Mass Education Department and their establishments



- o Forest and Environment Department and all Forest Divisions in this district
- Agriculture and Farmers Empowerment Department covering DDA & DDH establishments in this district
- Health & Family Welfare Department and their establishments in this district
- Works Department covering all Road & Building Divisions and establishments in this district

### 5.2 Ways & Means to prevent or reduce the impact of various disasters:

**Prevention:** Disaster Risk Reduction activities shall be implemented for outright avoidance of the adverse impact of hazards and means to minimize related environmental, technological and biological disasters. Depending on social and technical feasibility and cost/benefit considerations, investing in preventive measures is to be justified in areas frequently affected by disasters.

Mitigation: Steps shall be taken to minimize the extent of a disaster or potential disaster. Mitigation can take place before, during or after a disaster. Mitigation measures are both physical and structural, such as flood defenses or strengthening buildings as well as non-structural, such as training in disaster management, regulating land-use and public education, among others.

**Preparedness:** Activities and measures shall be taken before a hazard event to ensure effective response to the impact of hazards. It involves measures that enable governments, community and individuals to respond rapidly to disaster situations and cope with them effectively. Preparedness includes

- making of viable emergency plans
- development of warning systems
- maintenance of inventories
- training of personnel
- search and rescue measures
- evacuation plans for areas that may be 'at risk' for a recurring disaster.



### 5.3 <u>Structural Measures</u>:

SI. No	Name of the Department / Office	Activity/ Project	Starting date	Date of Completi on	Cost	Funding source
1	OSDMA	Construction of Multipurpose Flood Shelter	NA	NA	NA	CMRF
2	OSDMA	Construction of Multipurpose Cyclone Shelter under NCRMP	NA	NA	NA	World Bank
3	OSDMA	Raising and Strengthening of Saline Embankment under NCRMP	NA	NA	NA	World Bank
4	OSDMA	Construction of Approach Road under NCRMP	NA	NA	NA	World Bank
5	OSDMA	Construction of Approach Road under NCRMP Additional Financing	NA	NA	NA	World Bank
6	OSDMA	Construction of MCS under NCRMP Additional Financing	NA	NA	NA	World Bank
7	OSDMA	Resilient Housing plan under Odisha Disaster Recovery Project for Cyclone-Phailin victims	04.03.2 014	30.06.201 7	Rs.131 2/- Crore	World Bank (70%) & State Govt.(30%)

## 5.4 Non-structural Measures:

SL NO	Name of the Department / Office	Activity/ Project	Starting date	Date of Completi on	Cost	Funding source
1	OSDMA/ DEOC, Ganjam	Preparation and updation of District Disaster Management Plan	NA	NA	Rs.1000/	OSDMA/ UNDP
2	OSDMA/ DEOC, Ganjam	Training of Govt. functionaries, Community, Block and District level officials and other stake holders on preparation and updation of DDMP and training of disaster management teams etc.	NA	NA	Rs.8000 0/-	OSDMA/ UNDP
3	OSDMA/ DEOC, Ganjam	Preparation and updation of Village Disaster Management Plan	NA	NA	NA	OSDMA/ UNDP
4	OSDMA/ DEOC, Ganjam	Preparation of Village Disaster Management Plan	NA	NA	Rs.1200 0/-	OSDMA/ UNDP



SL NO	Name of the Department / Office	Activity/ Project	Starting date	Date of Completi on	Cost	Funding source
5	OSDMA/ DEOC, Ganjam	Training for preparation of School Safety Plan	NA	NA	Rs.8000 /-	OSDMA/ UNDP
6	OSDMA/ DEOC, Ganjam	Workshop for Dist. Level Line Deptts. on implementation of DRR	14.03.201 1	14.03.201 1	Rs.1000 0/-	OSDMA
7	OSDMA/ DEOC, Ganjam	Training to SHG on post disaster livelihood and preparation of livelihood plan	03.02.20 11	04.02.20 11	Rs.5000 0/-	OSDMA/ UNDP
8	OSDMA/ DEOC, Ganjam	Community level awareness activity and training of PRI members and functionaries	NA	NA	Rs.4400 0/-	OSDMA/ UNDP

## 5.5 Scope for integrating different schemes for Disaster Risk Reduction (DRR) Activities.

SI No.	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
1	National Agriculture Insurance Scheme (NAIS)/ Rastriya Krishi Bima Yojna (RKBY)	Crop Insurance	Agriculture Insurance Company of India (AICI)	To protect the farmers against the losses suffered by them due to crop failures on account of natural calamities, such as droughts, floods, hailstorm, storms, animal depredation, etc.
2	Janashree Vima Yojna	Life Insurance	Life Insurance Corporation Of India	This will help in augmenting financial soundness of the bereaved families (rural and urban poor) whose members have been died during disasters.
3	Mahatma Gandhi National Rural Employment Guarantee Schemes (MGNREGS)	Livelihoo d Security	Ministry of Rural Development / Panchayati raj Department	D.R.R. activities such as excavation of ponds, reclamation of river beds by distillation and removal of weeds from river beds, repair and restoration of river sides, construction of relief line roads/height increasing of main village roads are some of the areas which can be explored and covered under the scheme. Further, spl. focus on engaging drought/flood affected people may be thought
4	National Rural Livelihood Mission ( Deen Dayal Antordaya Yojana)	Poverty reduction program me	Ministry of Rural Development / Panchayati raj Department	This will help in restoring livelihood of disaster affected people enabling the poor households to access gainful self-employment and skilled wage employment opportunities on a sustainable basis.



SI No.	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
5	Deen Dayal Upadhaya - Gramin Kaushalaya Yojana (DDU-GKY)	Skill develop ment scheme	Ministry of Rural Development / Panchayati raj Department	DDUGKY is a placement linked skill development scheme for rural poor youth. This initiative is a part of NRLM. This will be implemented in all disaster affected areas of the dist. in the response phase of future disasters.
6	Pradhan Mantri Gram Sadak Yojana (PMGSY)	Poverty Reductio n Strategy	Rural Development Department	Efforts will be made to construct high elevated life line / relief line roads in the villages and resuce roads in the affected villages.
7	School safety Programme	Disaster Educatio n	School & Mass Education Deptt.	To increase awareness among school teacher, students and their families on preparedness and mitigation measures to reduce impact of possible disasters
8	Pradhan Mantri Awas Yojana (Housing for all – Urban)	Rehabilit ation of Slum Dwellers	Ministry of Housing and Urban Poverty Alleviation	<ul> <li>The Mission will be implemented during 2015-2022 and will provide central assistance to Urban Local Bodies (ULBs) and other implementing agencies through States/UTs for:         <ol> <li>In-situ Rehabilitation of existing slum dwellers using land as a resource through private participation</li> <li>Credit Linked Subsidy</li> <li>Affordable Housing in Partnership</li> <li>Subsidy for Beneficiary-led individual house construction/enhancement.</li> </ol> </li> <li>This programme will be implemented in true spirit in the aftermath of serious disasters which has caused damages to urban housing</li> </ul>
9	Swachha Bharat Mission	Cleanline ss, Water & Sanitatio n, Urban	Ministry of Drinking Water & Sanitation	The two Sub-Missions under the scheme i.e. the Swachh Bharat Mission (Gramin) and the Swachh Bharat Mission (Urban), which aims to achieve Swachh Bharat by 2019, as a befitting scheme will be utilized for restoration of healthy & hygienic condition after disasters in order to prevent spreading of Epidemics.
10	National Rural Drinking Water Programme (NRDWP)	Safe Drinking Water	Ministry of Drinking Water & Sanitation	The aim and objective of National Rural Drinking Water Programme (NRDWP) is to provide every rural person with adequate safe water for drinking, cooking and other basic domestic needs on a sustainable basis, with a minimum water quality standard, which should be conveniently accessible at all times and in all situations including disaster periods.

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SI	Name of the		Nodal	odal		
No.	Scheme	Sector	Department	Objective of the Scheme		
11	Pradhan Mantri Krishi Sinchai Yojana (PMKSY) – Integrate Watershed Management Programme (IWMP)	Agricultu re	Ministry of Agriculture and Farmers Welfare, Gol	This will be intensified in identified drought prone and non-irrigated areas of the district		
12	Deen Dayal Upadhaya Gram Jyoti Yojana (DDUGKY)	Rural Electrifica tion	Ministry of Power	Rural electrification as a mitigation and response activity will be ensure at all disaster prone villages		
13	Shyama Prasad Mukherjee Uban Mission – NRuM	Economi c Develop ment	Ministry of Rural Development	The objective of the National Rurban Mission (NRuM) is to stimulate local economic development, enhance basic services, and create well planned Rurban clusters. This will be reinforced in all applicable areas as a disaster mitigation activity		
14	Pradhan Mantri Fasal Bima Yojana (PMFBY)	Agricultu re Insurance	Ministry of Agriculture and Farmers Welfare, Government of India	<ul> <li>To provide insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of natural calamities, pests &amp; diseases.</li> <li>To stabilize the income of farmers to ensure their continuance in farming.</li> </ul>		
15	National Health Mission (NHM)	Halth	Department of Health & Family Welfare, GoO	<ul> <li>Improved health status and quality of life of rural population with unequivocal and explicit emphasis on sustainable development measure. Same will be reinforced in a planned way for disaster prone areas.</li> </ul>		
16	Integrated Child Development Scheme (ICDS)	Women and Child	Ministry of Women and Child Development	Spl. focus will be given by the field workers to the victims during post disaster situations		
17	Digital India — Public Internet Access Programme — Providing common Service Center in each Gram Panchayat	Digital India	Ministry of Electronics & Information Technology Government of India	CSC in each Gram Panchayat. CSCs would be made viable and multifunctional end-points for delivery of government and business services. Deity would be the nodal department to implement the scheme.		
18	Pradhan Mantri Awaas Yojana(Grameen) Earlier - Indira Awaas Yojana (IAY)			Already in practice to rehabilitate disaster affected poor persons.		

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OSDMA						
SI No.	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme		
19	Gopabandhu Gramin Yojana (GGY)	Rural Develop ment	Panchayati Raj Department	• The principal objective of the scheme is to provide additional development funds to the targeted districts to provide infrastructure consisting of Bijili, Sadak and Pani (i.e. electrification, roads and water supply) to every revenue village in the identified districts on need based manner. This will will improve the disaster resilience of community in long run.		
20	Biju Pucca Ghar Yojana (BPGY)	Rural Housing	Rural Development Department	Biju Pucca Ghar Yojana is a major Flagship program of Government of Odisha, which plays a pivotal role in Rural Development. Odisha Government attaches utmost priority and importance to provide pucca house to every household, living in kutcha house and is committed to achieve this goal by 2019. This will add to the disaster resilience of the community.		
21	Self Employment training & bank Linkage ( SKILL DEVELOPMENT)	RUDSET Institute, Bhubanes war	Odisha Livelihood Mission, Panchayati Raj Department	The objective of the programme is to provide Self employment/Skill development training to rural youths within the age group of 18-35 & bank linkage them for their economic development with free of cost. In a post disaster situation this prog. will be intensified to augment the income of community.		



SI No.	Schemes	Possible activities for DRR
1	Biju Krushak Kalyan Yojana (BKKY)	To provide health security to the farmers and their families To provide financial support through health and accident insurance
2	GopabandhuGraminYojana (Bijli,Sadak&Pani)	Road connectivity Water supply Installation of critical infrastructures
3	BijuSetuYojana (Rural Bridges)	All weather road connectivity in remote areas Infrastructure development
4	Mission Shakti	Institution building Capacity building for risk reduction
5	Integrated Child Protection Scheme (ICPS)	To provide a safe and secure environment for overall development of the children  Protection of child rights
6	Odisha Tribal Empowerment &Livelihood Programme Plus (OTELP Plus)	Livelihood support to tribal and vulnerable community Creation of durable structures
7	DAMAN (DurgamaAnchalare Malaria Nirakaran)	Malaria control Health safety
8	Pradhan Mantri Fasal Bima Yojana (PMFBY)	Crop insurance Firming risk coverage in natural calamities
9	Pradhan Mantri Gram Sinchai Yojana (PMGSY)	Irrigating the field of farmers and improving water use efficiency Enhance crop per drop by implementing water-saving technologies and precision irrigation
10	Sansad Adarsh Gram Yojana (SAGY)	Development of model villages Social, cultural, economic and infrastructure developments in the villages
11	JanashreeVimaYojna	Insurance protection Risk transfer
12	PradhanMantriSurakshaBimaYojana (PMSBY)	Insurance protection Risk transfer
13	PradhanMantriJeevanJyotiBimaYoja na (PMJJBY)	Insurance protection Risk transfer
14	PradhanMantriAwasYojana (PMAY) - Housing for all by 2022	Construct disaster resilient houses Vulnerable infrastructure risk reduction
15	Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)	Construction of roads in remote areas Construction of multi-hazard shelters Plantation Activities Permanent Livelihood Activities
16	National Health Mission (NHM)	Emergency Medical Response Ambulances Service Mobile Health Facility in Remote Areas



SI No.	Schemes	Possible activities for DRR
17	PradhanMantri Gram SadakYojana (PMGSY)	Rural Road connectivity to remote and unconnected villages
18	SarvaShikshaAbhiyan (SSA)	Construction of new disaster resilient school buildings Retrofitting in existing school buildings Disaster preparedness and planning at school
19	Swachh Bharat Mission (SBM)	For clean and hygienic environment Protection health
20	Soil Health Card Scheme	Complete evaluation of the quality of soil Corrective measures to improve productivity
21	PradhanMantriUjjwalaYojana (PMUY)	Smoke and pollution free environment Protection of women health by smoke free cooking

[Source: Government Department/Web Site]

### 5.6 <u>Scheme for Legal Services to the victims of disasters through Legal Services Authorities</u>

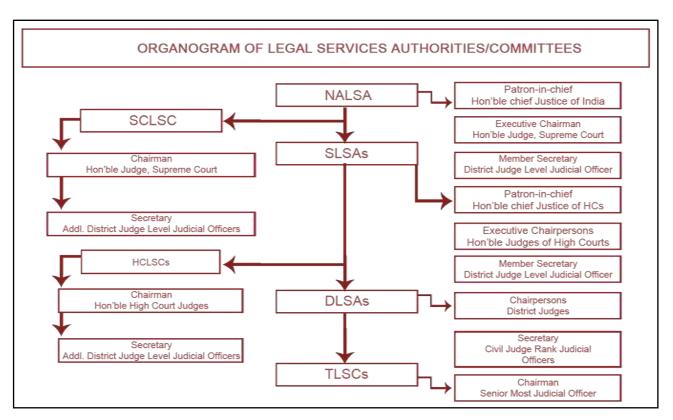
### 5.6.1 National Legal Services Authority (NALSA):

The National Legal Services Authority (NALSA) has been constituted under the Legal Services Authorities Act, 1987 to provide free Legal Services to the weaker sections of the society. The Chief Justice of India is the Patron-in-Chief and the Senior most Hon'ble Judge, Supreme Court of India is the Executive Chairman of the Authority.

Public awareness, equal opportunity and deliverable justice are the cornerstones on which the edifice of NALSA is based. The principal objective of NALSA is to provide free and competent legal services to the weaker sections of the society and to ensure that opportunities for securing justice are not denied to any citizen by reason of economic or other disabilities, and to organize Lok Adalats for amicable settlement of disputes. Apart from the abovementioned, functions of NALSA include spreading legal literacy and awareness, undertaking social justice litigations etc.

With the aim of reaching out to the diverse milieu of people belonging to different socio-economic, cultural and political backgrounds, NALSA identifies specific categories of the marginalized and excluded groups from the diverse populace of the country and formulates various schemes for the implementation of preventive and strategic legal service programmes to be undertaken and implemented by the Legal Services Authorities at the various levels. In carrying out all these responsibilities, NALSA works in close coordination with the various State Legal Services Authorities, District Legal Services Authorities and other agencies for a regular exchange of relevant information, monitoring and updating on the implementation and progress of the various schemes in vogue and fostering a strategic and coordinated approach to ensure smooth and streamlined functioning of the various agencies and stakeholders.





### 5.6.2 Odisha State Legal Services Authority (SALSA):

Odisha State Legal Services Authority is a Statutory Body established under the Legal Services Authorities Act, 1987. Hon'ble Chief Justice of High Court of Odisha is the Patron-in-Chief of the Odisha Legal Services Authority and the Sr. Judge of the High Court of Odisha is the Executive Chairman of the Odisha Legal Services Authority. To look after the legal services pertaining to the High Court, there is High Court Legal Services Committee, which is chaired by a sitting Judge of the High Court and the Registrar (Judicial), Odisha High Court is functioning as the Secretary of High Court Legal Services Committee. The State Legal Services Authority monitors and guides the District Legal Services Authorities and Taluk Legal Services Committees in achieving the aims and objectives of the Act. There are 30 District Legal Services Authorities in the State of Odisha and 81 Taluk Legal Services Committees functioning under them. The District Legal Services Authorities are headed by District & Sessions Judges. An officer in the cadre of Senior Civil Judge functions as the Secretary of the District Legal Services Authority. The Taluk Legal Services Committees are headed by the senior most judicial officer posted at the station as the Chairman.

The general public who need any legal help / legal aid can directly contact the concerned Taluk Legal Services Committee / District Legal Services Authority, the High Court Legal Services Committee and the State Legal Services Authority, as the case may be, for their legal needs. Added to it, Front Offices have also been established in the premises of the District Legal Services Authority and Taluk Legal Services Committee manned by advocate retainers to offer legal advice to the beneficiaries and the general public as well and also to assist them in different Legal Services Activities.



The State Legal Services Authority has 15 Members which include the Hon'ble Chairman of High Court Legal Services Committee, Principal Secretaries in the Depts. of Law and Finance, Director-General and Inspector-General of Police, Advocate General, District Judges of Cuttack and Khurda at Bhubaneswar. Apart from that the State Authority has 5 nominated Members namely Hon'ble Minister, Law, Odisha, a Senior Advocate of Odisha High Court, an M.P., an M.L.A., and an eminent social worker who have experience in the field of Law, Finance, Social Service or Administration and who are engaged in the upliftment of the weaker sections of the society, including Schedule Castes, Schedule Tribes, Women, Children, rural and Urban Labour and who are interested in the implementation of the Legal Service Schemes.

[Source: NALSA & Odisha State Legal Service Web Portal]



## **CHAPTER-6**

### CLIMATE CHANGE ADAPTATION & MITIGATION:

Weather and climate are the results of complex interactions between anthropogenic and natural factors. Evidence of global climate change include higher average temperatures, changes in precipitation, ocean warming, ocean acidification, sea level rise, decreasing sea ice, and changes in physical and biological systems. Observed climate change can be linked with the increase of green house gas concentrations in the atmosphere since the industrial revolution. Global surface temperature change for the end of the 21st century is likely to reach 4°C if no drastic mitigation actions are taken. Various sources of climate data exist that can support planning for climate change.

### 6.1 Important Greenhouse Gases:

Greenhouse gases (GHGs) are trace gases in the atmosphere that absorb and emit long wave radiation. They naturally blanket the earth and keep it at about 33° C warmer than it would be without these gases in the atmosphere. The table features the seven most important greenhouse gases as regulated under the Kyoto Protocol. The seven gases each have a different capacity to trap heat in the atmosphere, or a so-called "global warming potential" (GWP). They all belong to the group of long-lived greenhouse gases (LLGHGs), because they are chemically stable and persist in the atmosphere over time scales of a decade to centuries or longer, so that their emission has a long-term influence on climate. Some of the GHGs occur naturally (e.g. CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O) but increases in their atmospheric concentrations over the last 250 years are due largely to human activities. Other greenhouse gases are entirely the result of human activities (e.g. HFCs, PFCs, SF<sub>6</sub> and NF<sub>3</sub>).

Greenhouse Gas	Global Warming Potential (GWP) (over 100 years)	% of Total Anthropogenic GHG Emissions (2010)
Carbon dioxide (CO <sub>2</sub> )	1	76%
Methane (CH <sub>4</sub> )	25	16%
Nitrous oxide (N2O)	298	6%
Hydrofluorocarbons (HFCs)	124-14,800	< 2%
Perfluorocarbons (PFCs)	7,390-12,200	< 2%
Sulphur hexafluoride (SF <sub>6</sub> )	22,800	< 2%
Nitrogen trifluoride (NF3)	17,200	< 2%



### 6.2 Important Greenhouse Gases: Carbon Dioxide (CO<sub>2</sub>):

Most important greenhouse gas (contributes  $\sim$ 64% to total radiative forcing by long-lived GHGs). Half of CO<sub>2</sub> emitted by human activities is being absorbed in the biosphere and in the oceans. Rest remains in the atmosphere for hundreds to thousands of years

The most important anthropogenic GHG is carbon dioxide ( $CO_2$ ). It accounts for around 64% of total radiative forcing due to LLGHGs. Carbon dioxide does not have a specific lifetime because it is continuously cycled between the atmosphere, oceans and land biosphere and its net removal from the atmosphere involves a range of processes with different time scales.  $CO_2$  is primarily emitted as a result of burning of fossil fuels, deforestation and forest degradation and iron and steel production. Oceans and forests are the main sequesters of carbon i.e. sinks that can absorb  $CO_2$  from the atmosphere. Carbon dioxide is the gas to which all other gases are compared when speaking of Global Warming Potential. Emissions of other greenhouse gases can be converted into  $CO_2$  equivalent emissions.

SI. No	Name of the Industry/Plant/Firm	Location	Quantity of CO2 emission (PPM)	Ranking as per CO2 emission (in the District)	Other Major pollutants emitted (PPM)	Action taken for cutting down emission
1	M/s. Aska Co- operative Sugar Industries Ltd.	At- Nuagam,PO- Aska, Dist. Ganjam			PM, SOx, NOx	Installed Multi Cyclone dust collector and Wet Scrubber
2	M/s. IRE Ltd., (OSCOM), ( Monazite Processing Plant)	At. Matikhalo, Chatrapur, Dist. Ganjam	1		PM, SOx, NOx	Installed Bag Filters and Scrubbers
3	Tata Steel Ltd. ( Ferro Chrome Plant),	Project Gopalpur, Chamakhandi, Dist- Ganjam- 761020			PM, SOx, NOx	Installed Heat exchanger followed by Bag House
4	Saraf Agencies Pvt. Ltd.,	At- NH-16, By Pass, PO- Chatrapur, Dist- Ganjam			PM, SOx, NOx	Installed Heat exchanger followed by Bag House

### 6.3 <u>Important Greenhouse Gases: Methane (CH4)</u>

Second most significant greenhouse gas (contributes ~18% to total radiative forcing by long-lived GHGs). Approximately 40% of methane is emitted into the atmosphere by natural sources. About 60% comes from human activities &Stays in the atmosphere for approximately 12 years.



The second most significant anthropogenic GHG is methane (CH<sub>4</sub>) which contributes to approximately 18% of total radiative forcing due to LLGHGs. Approximately 40% of methane is emitted into the atmosphere by natural sources (e.g. wetlands and termites). About 60% comes from human activities (e.g. cattle breeding, rice agriculture, fossil fuel exploitation, landfills and biomass burning). Methane is mostly removed from the atmosphere by chemical reactions, persisting for about 12 years. Thus although methane is an important greenhouse gas, its effect is relatively short-lived.

SI. No.	Name of the Block/ULB	Major Source	Annual emission (In PPM)	Ranking as per CH <sub>4</sub> emi ssion (PPM)	Action taken for cutting down emission
1.	Berhampur Municipal Corporation, Berhampur Tel.No. 0680 -2206290	Solid waste dump & Disposal site	1	1	No action has been taken by the ULB
2.	Kabisurya Nagar NAC, Kabisurya Nagar Tel.No- 06810- 270623	Solid waste dump & Disposal site	~~	~~	No action has been taken by the ULB
3.	Purushottampur NAC, Purushottampur Tel.No- 06811- 275333	Solid waste dump & Disposal site			No action has been taken by the ULB
4.	Aska NAC, Aska Tel. No. – 06822- 273068, 271109.	Solid waste dump & Disposal site			No action has been taken by the ULB
5.	Buguda NAC, Dist- Ganjam, Tel.No- 06818-250135	Solid waste dump & Disposal site			No action has been taken by the ULB
6.	Belaguntha NAC, Balaguntha Ph. No. 06821-258244	Solid waste dump & Disposal site			No action has been taken by the ULB
7.	Chikiti NAC, Tel.No- 0680- 327222	Solid waste dump & Disposal site			No action has been taken by the ULB
8.	Polasara NAC, Tel.No- 06810- 282235	Solid waste dump & Disposal site			No action has been taken by the ULB
9.	Digapahandi NAC, Digapahandi, Dist- Ganjam Tel. No- 06814- 247330	Solid waste dump & Disposal site			No action has been taken by the ULB
10.	Ganjam NAC, Tel.No- 06811- 254357	Solid waste dump & Disposal site			No action has been taken by the ULB
11.	Gopalpur NAC, Tel.No- 06802-242029	Solid waste dump & Disposal site			No action has been taken by the ULB



SI. No.	Name of the Block/ULB	Major Source	Annual emission (In PPM)	Ranking as per CH <sub>4</sub> emissi on (PPM)	Action taken for cutting down emission
12.	Bhanjanagar NAC, Bhanjanagar Tel. No- 06821- 241107	Solid waste dump & Disposal site			No action has been taken by the ULB
13.	Khallikote NAC, Khallikote Tel. No- 06810-256333	Solid waste dump & Disposal site			No action has been taken by the ULB
14.	Hinjilicut NAC, Hinjilicut Tel. No- 06811- 280025	Solid waste dump & Disposal site			No action has been taken by the ULB
15.	Rambha NAC, Rambha Tel. No- 06810- 278336	Solid waste dump & Disposal site			No action has been taken by the ULB
16.	Surada NAC, Tel. No- 06819- 270129	Solid waste dump & Disposal site	1		No action has been taken by the ULB
17.	Kodala NAC, Kodala Tel. No- 06810- 268335	Solid waste dump & Disposal site			No action has been taken by the ULB
18.	Chatrapur NAC, Chatrapur Tel. No- 06811- 263975	Solid waste dump & Disposal site			No action has been taken by the ULB

### 6.4 <u>Important Greenhouse Gases : Nitrous Oxide(N2O) :</u>

The third most significant greenhouse gas (contributes ~6% to total radiative forcing by long-lived GHGs). Stays in the atmosphere for approximately 114 years. Nitrous oxide is emitted into the atmosphere from both natural (about 60%) and anthropogenic sources (approximately 40%).

Nitrous oxide is the third most significant GHG, contributing to about 6% of radiative forcing due to LLGHGs. The primary human sources of  $N_2O$  are fertilizer production and use in agriculture and various industrial processes. It is estimated that  $N_2O$  stays in the atmosphere for an estimated 114 years. Its impact on climate, over a 100-year period, is 298 times greater than equal emissions of carbon dioxide. It also plays an important role in the destruction of the stratospheric ozone layer which protects us from the harmful ultraviolet rays of the sun.

SI. No.	Name of the Block	Fertiliser /Industrial processes	Annual Usage (In tonnes)	Ranking as per N2O Emission (PPM)	Other major polluants emited (PPM)	Action taken for cutting down émission
1	Chatrapur Block	Gopalpur Ports Ltd., (Fertiliser Bagging Plant of capacity 50 TPH Approx.)	1		Ammoniacal nitrogen (as N) mg/l max	Not Applicable



### 6.5 Important Green house Gases: Fluorinated Gases:

Global warming effect up to 23,000 times greater than carbon dioxide. Stay in the atmosphere up to 50,000 years. Three main groups: hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride ( $SF_6$ ). Mainly developed as substitutes for ozone-depleting substances.

Fluorinated gases are a family of man-made gases used in a range of industrial applications. Sources include refrigerants, air-conditioning, solvents, aluminium and magnesium production, etc. Many fluorinated gases have very high global warming potentials (GWPs) relative to other greenhouse gases. That means small atmospheric concentrations can have large effects on global temperatures. They can also have long atmospheric lifetimes, in some cases, lasting thousands of years. Fluorinated gases are removed from the atmosphere only when they are destroyed by sunlight in the far upper atmosphere. In general, fluorinated gases are the most potent and longest lasting type of greenhouse gases emitted by human activities. There are three main categories of fluorinated gases: hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF6).

Hydrofluorocarbons (HFCs) are the most common group of *F-gases*. They are used in various sectors and applications, such as refrigerants in refrigeration, air-conditioning and heat pump equipment; as blowing agents for foams; as solvents; and in fire extinguishers and aerosol sprays.

- Perfluorocarbons (PFCs) are typically used in the electronics sector (for example for plasma cleaning of silicon wafers) as well as in the cosmetic and pharmaceutical industry. In the past PFCs were also used in fire extinguishers and can still be found in older fire protection systems.
- Sulphur hexafluoride (SF<sub>6</sub>) is used mainly as an insulating gas, in high voltage switchgear and in the production of magnesium and aluminium.

SI. No.	Name of the Industry/Firm/Plant	location	Annual émission (In PPM)	Ranking as per flourinated gas Emission (PPM)	Action taken for cutting down émission
•	-	-	,	-	~



### 6.6.1 Important Green House Gases: Chlorofluoro Carbons (CFCs):

Chlorofluorocarbons (CFCs) an important Green House Gas contribute about 12% to radiative forcing by long-lived GHGs has not been included in the Kyoto Protocol because they are already regulated under the Montreal Protocol on Substances that Deplete the Ozone Layer which entered into force in 1989.

The Montreal Protocol includes, for example, chlorofluorocarbons (CFCs) which contribute about 12% to total radiative forcing by LLGHGs. CFCs can stay in the atmosphere for more than 1,000 years. CFCs have a global warming potential (GWP) that ranges between 4,750 and 14,400 (over 100 years time span). CFCs are used in the manufacture of aerosol sprays, blowing agents for foams and packing materials, as solvents, and as refrigerants.

SI No	Name of the Industry/Firm/Plant	location	Annual émission (In PPM)	Ranking as per flourinated gas Emission (PPM)	Action taken for cutting down émission
-	-	~	-	•	

[Ref.: IPCC (2007). Fourth Assessment Report, Technical Summary – Changes in Human and Natural Drivers of Climate &UNEP (2012). Emissions Gap Report; WMO (2013). Greenhouse Gas Bulletin

### 6.7 <u>Green House Gas Sequestration</u>

In order to prevent dangerous anthropogenic interference with the climate system, actions need to be taken to stabilize greenhouse gas concentrations in the atmosphere. Such actions are referred to as "climate change mitigation". More specifically, climate Change mitigation involves:

- Reducing GHG emissions, e.g. by making older equipment more energy efficient;
- Preventing new GHG emissions to be released in the atmosphere, e.g. by avoiding the construction of new emission-intensive factories;
- Preserving and enhancing sinks and reservoirs of GHGs, e.g. by protecting natural carbon sinks like forests and oceans, or creating new sinks ("carbon sequestration").

[Source: UNFCCC (2009). Fact Sheet: The Need for Mitigation]



### Major Greenhouse Gases Contributors (Anthrpogenic) to Climate Change:

Greenhouse Gas	Human Source (Examples)	% of Total Global GHG Emissions (2010)
Carbon dioxide (CO <sub>2</sub> )	Fossil fuel combustion, land use changes, cement production, etc	76%
Methane (CH <sub>4</sub> )	Fossil fuel mining/distribution, livestock, rice agriculture, landfills, etc	16%
Nitrous oxide (N₂O)	Agriculture (fertilisers) and associated land use change, etc	6%
Hydrofluorocarbons (e.g. HFCs)	Liquid coolants, etc	< 2%
Perfluorocarbons (e.g. PFCs)	Refrigerant, electronics industry and aluminium industry, etc	< 2%
Sulphur hexafluoride (SF <sub>6</sub> )	Insulator in electronics and magnesium industry, etc	< 2%
Nitrogen trifluoride (NF3)	Electronics and photovoltaic industries, etc	< 2%

[Source: Reproduced from IPCC 2007, UNEP 2012 and FERN]

The global community has committed itself to hold warming below 2°C (compared to pre-industrial temperatures) to prevent dangerous climate change. The 2013 IPCC report on the physical science basis of climate change provides a "budget approach" to this goal, looking at total allowable CO<sub>2</sub> emissions level to meet the 2°C target. The report states that in order to have a greater than two in three chance of keeping *global warming* below 2°C, cumulative emissions of CO<sub>2</sub> cannot exceed 1,000 Gigatonnes of carbon (GtC). As of 2011, more than half this amount, or over 500 GtC, has already been emitted since 1861-1880. When the effects of other greenhouse gases are included, even less CO<sub>2</sub> could be emitted to keep below a 2°C warming.

Current annual emission levels are at 9.5 GtC and are likely to grow every year due to population growth and economic development patterns. If annual emissions continue to grow as in past years ("business as usual" scenario) the carbon budget will be exhausted in the next three decades.

[Source: IPCC (2013). Climate Change 2013 – The Physical Science Basis, Summary for Policymakers]

Details of forest as a major Carbon sink (District)

Reserved Forest / Protected Forest (in Sq. KM)	Revenue / Village Forest (in Sq. KM)	Private owned Forests (in Sq. KM)	Others (If any) (in Sq. KM)	Total (in Sq. KM)
-	-	-	-	-

### 6.8 <u>Sectors with High Mitigation Potential</u>

SI. No	Sectors	Mitigation Options
1	Energy	<ul> <li>Use of renewable heat and power (hydropower, solar, wind, geothermal and bio-energy)</li> <li>Improved supply and distribution efficiency</li> <li>Carbon capture storage (CCS)</li> <li>Combined heat and power</li> </ul>
2	Transport	<ul> <li>More fuel efficient vehicles</li> <li>Use of alternative energy sources (biofuels, cleaner diesel, etc.)</li> <li>Better land-use and transport planning</li> <li>Shift from individual transport to public transport systems</li> <li>More efficient driving practices</li> <li>Non-motorized transport (cycling, walking)</li> </ul>
3	Industry	<ul> <li>Process-specific technologies that improve efficiency and reduce emissions</li> <li>Material recycling and substitution</li> <li>Heat and power recovery/cogeneration</li> <li>Control of greenhouse gas emissions</li> </ul>
4	Agriculture	<ul> <li>Manure and livestock management to reduce CH<sub>4</sub> emissions</li> <li>Improved fertilizer application techniques to reduce N<sub>2</sub>O emissions</li> <li>Improved crop and grazing land management to increase soil carbon storage</li> <li>Restoration of cultivated peaty soils and degraded lands</li> <li>Agro-forestry practices</li> </ul>
5	Forestry	<ul> <li>Reduced deforestation</li> <li>Afforestation/reforestation</li> <li>Forest management</li> <li>Tree species improvement to increase biomass productivity and carbon sequestration</li> </ul>
6	Waste	<ul> <li>Landfill methane recovery</li> <li>Waste incineration with energy recovery</li> <li>Composting of organic waste</li> <li>Controlled wastewater treatment</li> <li>Recycling and waste minimization</li> <li>Biocovers and biofilters to optimize CH<sub>4</sub> oxidation</li> </ul>

## 6.9 <u>Sector Specific Climate Change Mitigation Projects</u>:

SI.	Coctor	Project	Per	iod	Mitigation Targets
No.	Sector	Title	From	То	Mitigation Targets
~	-	-	-	-	-





### SAFETY OF SCHOOL AND CHILD CARE INSTITUTIONS:

### 7.1 Order on WP(C) 483/2004 of Hon'ble Supreme Court :

The Hon'ble Supreme Court vide orders of dated 14.08.2017 in WP (C) 483/2004, directs vide letter no 2437/2004/SC/PIL/(WRIT) dt. 23.08.2017 that the School Safety Policy (SSP) 2016 guidelines issued by NDMA are statutory in nature and shall be implemented in letter and spirit by all concerned authorities for all schools. The direction of the Supreme Court in Implementation of the School Safety Policy Guidelines Inter-alia postulates as follow:

- Time bound implementation of the Guidelines
- District Disaster Management Authority to ensure and monitor compliance of the said Guidelines
- District Education Officer of each District to be a "Nodal officer" with responsibility, liability and obligation as well as powers and functions to ensure strict compliance with the Guidelines within the district of his jurisdiction.
- Joint Monitoring Committee consisting of representations of both Department of School Education & Literacy, Ministry of HRD and NDMA
- Quarterly compliance reports from the Chief Secretary to MHRD and NDMA on the actions taken.

Hon'ble Supreme Court has also defined few actions at different levels to ensure school safety.

### **STATE & DISTRICT LEVEL**

- Policy for safety audits in all schools
- 'Stability certificate' by Governmentcertified engineer.
- Manual for fire safety procedures and other safety precautions
- The National Building Code of India, 2005, to construct fire-safe buildings. (Revised 2016)

### **SCHOOL LEVEL**

- Schools must take appropriate safety measures and an emergency response plan that delineates staff responsibilities, communication modes, and training and updating procedures for all members of the faculty, staff and students.
- Fire insurance coverage should be made mandatory for all schools.
- Ensuring that the kitchen in the precincts of the school has adequate safety mechanisms.

[Ref.: Fire Safety Measures in Schools (Section 3.1 p-23) / Training of School Teachers & Other Staff (Section 3.1 p-25) / School Building Specifications (Section 3.1 p-27) Clearance & Certificates (Section 3.1 p-29) SC. Judgement on WP(C) 483/2004]



### 7.2 Guidelines on School Safety Policy, 2016- NDMA:

The School Safety encompasses "the creation of safe environments for children starting from their homes to their schools and back." This as well includes safety from large-scale natural hazards, human made risks, pandemics, violence as well as more frequent and smaller-scale fires, transportation and other related emergencies and environmental threats that can adversely affect the lives of children.

#### Vision:

- The Guidelines stand for a vision of India where all children and their teachers, and other stakeholders in the school community are safe from any kind of preventable risks that may threaten their well-being during the pursuit of education.
- Educational continuity is maintained/ resumed even in the immediate aftermath of a disaster so that Children are physically, mentally and emotionally secure within their schools.

### Approach and Objectives:

- All hazard approach.
- All schools; all stakeholders 2. Strengthening existing policy provisions to make schools safer
- School Safety as an indicator of quality for continued planning, execution and monitoring
- Primary objective is to ensure the creation of safe learning environment for children.
- Also seek to highlight specific actions towards school safety that can be undertaken by different stakeholders within the existing framework of delivery of education.

### Applicability:

- The National School Safety Policy Guidelines apply to all schools in the country- whether government, aided or private, irrespective of their location in rural or urban areas.
- They apply to all stakeholders involved in delivery of education to Children in India

#### All hazard approach:

- School Safety efforts needs to take cognizance of all kinds of hazards that may affect the wellbeing of children.
- Hazards include structural and non-structural factors.
- Structural factors include dilapidated buildings, poorly designed structures, faulty construction, poorly maintained infrastructure, loose building elements, etc.
- Non Structural factors include loosely placed heavy objects such as almirahs, infestation of
  the campus by snakes and any other pests, broken or no boundary walls, uneven
  flooring, blocked evacuation routes, poorly designed and placed furniture that may cause
  accidents and injury, inadequate sanitation facilities, etc.



#### Right to Education Act 2009:

- The Act sets minimum norms and standards with regard to location and quality of schools and in Clause 19, lays down that no school shall be established, or recognized unless it fulfills the norms and standards specified in the schedule.
- One of the key standards is in relation to access to "all weather buildings"; in "areas with difficult terrain, risk of landslides, floods, lack of roads and in general, danger for young children in the approach...
- the State Government / Local Authority shall locate the school in such a manner as to avoid such dangers".
- The Act lays down the formation of the School Management Committee for planning of infrastructure and other requirements with respect to operational functioning of schools.
- The School Development Plan, as laid out by the Act, spells out the physical requirements of additional infrastructure and equipments to meet the norms spelt out in the schedule (in relation to all weather buildings).

#### Key Action Areas:

- 1. <u>Institutional strengthening at the State & District levels:</u>
  - Co-opting senior officials of the Department of Education in SDMA and DDMA.
  - Nomination of School Safety Focal Point Teacher & Sensitization of School Management Committee on DM.

#### 2. Planning for Safety:

- Structural Measures (including siting, design and detailing for structural safety).
- Non-structural Measures.
- Preparation & implementation of School Disaster Management Plan.
- Leveraging existing flagship programmes to make school campus safer.

### 3. Capacity building for safe schools:

- Training for students and school staff
- Specialized training and skill building of Education officers, representatives of SCERT and DIET, SDMA, DDMA, etc on school safety
- Mock Drills
- 4. Disaster Management in Core Curriculum:
- 5. Regular monitoring of risk and revision of School Safety Plans (including Safety Audits & Availability of Emergency Equipment).



## 7.3 Category & Type of Schools:

		G	overr Scho	nment				rnmer schoo		Pri	vate S	Scho	ols			ENT CH					ecial hool	
SI. No	Name of the Block	Elementary		72.0000	Secondary	Flomontany	Liemeniary	Secondary		ī	Elementary		Secondary	Flementary	Licinalia	Secondary		Flementary	Licinalia		Secondary	TOTAL SCHOOL
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Ĕ
1	ASKA	131		13		4		17		12		1		0		1		0		0		179
2	BEGUNIAPADA	121		12		5		14		14		0		0		0		0		0		166
3	BELLAGUNTHA	109		17		1		6		14		1		0		0		0		0		148
4	BHANJANAGAR	168		16		4		7		13		4		0		0		0		0		212
5	BUGUDA	117		15		2		9		13		0		0		0		0		0		156
6	CHATRAPUR	116		12		5		8		11		1		0		0		0		0		153
7	CHIKITI	111		16		0		3		12		0		0		0		0		0		142
8	DHARAKOTE	133		13		1		7		9		1		0		0		0		0		164
9	DIGAPAHANDI	184		19		7		12		10		1		0		0		0		0		233
10	GANJAM	107		7		1 3		9		10		0		0		0		0		0		146
11	HINJILICUT	73		12		3		11		19		0		0		0		0		0		118
12	JAGANATHPRASAD	182		16		0		14		13		1		0		0		0		0		226
13	KABISURYANAGAR	95		14		6		6		5		1		0		0		0		0		127
14	KHALLIKOTE	171		19		3		9		11		2		0		0		0		0		215
15	KUKUDAKHANDI	124		14		0		8		16		5		0		0		0		0		167
16	PATRAPUR	179		13		0		11		7		2		0		0		0		0		212
17	POLASARA	116		18		7		11		7		0		0		0		0		0		159
18	PURUSOTAMPUR	110		15		6		12		14		1		0		0		0		0		158
19	RANGEILUNDA	115		14		3		12		26		1		0		0		0		0		171
20	SANAKHEMUNDI	147		16		5		10		11		0		0		0		1		0		190
21	SHERAGADA	120		21		2		6		14		0		0		0		1		0		164
22	SURADA	183		23		0		7		6		1		0		0		0		0		220
23	ASKA NAC		15		3		0		1		6		2		0		0		0		0	27
24	BELLAGUNTHA NAC		8		1		0		1		4		0		0		0		0		0	14
25 26	BERHAMPUR MPL BHANJANAGAR NAC		13		15 4		0		6		60 2		19 0		0		0		0		0	172 20
27	BUGUDA NAC		10		3		0		0		6		0		0		0		0		0	19
28	CHATRAPUR NAC		10		2		0		1		8		2		0		0		0		0	23
29	CHIKITI NAC		6		3		0		0		4		0		0		0		0		0	13
30	DIGAPAHANDI NAC		9		2		0		0		8		1		0		1		0		0	21
31	GANJAM NAC		9		2		1		0		3		1		0		0		0		0	16
32	GOPALAPUR NAC		3		1		2		1		1		0		0		0		0		0	8
33	HINJILICUT NAC		9		3		0		0		6		2		1		0		0		0	21
34	KABISURYANAGAR NAC		11		3		0		1		9		1		0		0		0		0	25

																					C	SDMA
35	KHALLIKOTE NAC		11		3		0		0		3		2		0		0		0		0	19
36	KODALA NAC		7		2		0		0		4		0		0		0		1		0	14
37	POLASARA NAC		12		2		0		1		5		1		0		0		0		0	21
38	PURUSOTAMPUR NAC		8		2		0		1		7		0		0		0		0		0	18
39	RAMBHA NAC		9		2		1		0		3		0		0		0		0		0	15
40	SURADA NAC		6		2		3		1		4		0		0		0		0		0	16
	DISTRICT: GANJAM	2912	224	335	55	77	9	209	14	267	143	23	31	0	1	1	2	2	2	0	1	4308
SOL	JRCE: UDISE 2017-18																					

## 7.4 <u>Category & Type of Students:</u>

		Gov	ernment	Schools		Gover	nment A	ided sch	ools		Private S	chools	\$
SI. No.	Name of the Block	Elementary		Secondary	Secondary			Secondary	•	Ī	Elementary	Secondary	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1	ASKA	14477		2245		322		2561		2558		73	
2	BEGUNIAPADA	16785		2283		377		2411		2141		0	
3	BELLAGUNTHA	10649		2565		60		856		2011		0	
4	BHANJANAGAR	14841		2355		208		1095		4164		564	
5	BUGUDA	13254		2352		312		1312		1376		0	
6	CHATRAPUR	13160		2093		544		1239		2099		140	
7	CHIKITI	10618		2408		0		560		1405		0	
8	DHARAKOTE	13370		1636		137		1307		1328		139	
9	DIGAPAHANDI	17866		3181		571		1823		2164		179	
10	GANJAM	9431		1523		964		1579		1340		0	
11	HINJILICUT	10573		1747		370		1518		2345		0	
12	JAGANATHPRASAD	15047		2417		210		1793		1590		87	
13	KABISURYANAGAR	13045		2489		373		802		784		62	
14	KHALLIKOTE	19908		3362		416		1547		1554		162	
15	KUKUDAKHANDI	15127		2827		118		1161		3744		475	
16	PATRAPUR	13750		2179		60		1389		1297		154	
17	POLASARA	16219		2784		746		1740		814		0	
18	PURUSOTAMPUR	15809		2506		653		1903		1976		65	
19	RANGEILUNDA	14158		2384		406		1888		4623		83	
20	SANAKHEMUNDI	18369		3593		733		1862		2195		0	
21	SHERAGADA	15110		3332		262		1360		1701		0	
22	SURADA	19344		2956		0		1284		841		111	
23	ASKA NAC		1145		485		132		73		2683		375
24	BELLAGUNTHA NAC		897		185		68		112		1248		0
25	BERHAMPUR MPL		10538		402 5		445		425		28054		5115
26	BHANJANAGAR NAC		1555		904		0		0		207		0
27	BUGUDA NAC		1166		827		0		0		1478		0

	OSDMA												
		Gov	ernment	Schools		Gover	nment A	ided sch	ools	I	Private S	chools	
SI. No.	Name of the Block	Elementary		Secondary		A CHOCK	cielliellal y	Secondary			Elementary	Secondary	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
28	CHATRAPUR NAC		1175		607		30		124		2988		315
29	CHIKITI NAC		1080		535		0		0		932		0
30	DIGAPAHANDI NAC		1248		507		0		0		1508		200
31	GANJAM NAC		750		499		36		0		960		40
32	GOPALAPUR NAC		519		193		71		64		441		60
33	HINJILICUT NAC		2178		733		0		0		1970		32
34	KABISURYANAGAR NAC		1404		945		84		36		2004		214
35	KHALLIKOTE NAC		1167		618		0		0		1831		278
36	KODALA NAC		1224		329		0		0		840		0
37	POLASARA NAC		1931		547		0		99		1618		0
38	PURUSOTAMPUR NAC		1019		199		75		43		1044		0
39	RAMBHA NAC		1191		431		27		0		548		0
40	SURADA NAC		1060		418		694		139		1053		0
DI	STRICT: GANJAM	320910	31247	55217	2987	7842	1662	32990	1115	44050	51407	2294	6629

- 7.5 <u>School Safety Advisory Committee of Ganjam District</u>:
  - 1. Date of Formation:
  - 2. Institutional Architecture:

SI. No.	Name & Designation	Contact No.	Email ID	Remarks
1	Collector & District Magistrate, Chairperson	-	-	-
2	Superintendent of Police, Co-Chairperson	-	-	-
3	District Fire Officer, Member	-	-	-
4	District Welfare Officer, Member	-	-	-
5	District Social Welfare Officer, Member	-	-	-
6	Chief District Medical Officer, Member	-	-	-
7	Executive Engineer, RWS&S/PWD, Member	-	-	-
8	District Emergency Officer, Member	-	-	-
9	Panchayat Raj Officer, Member	-	-	-
10	Principal, DIET, Member	-	-	-
11	BEO, District Headquarter, Member	-	-	-
12	2 NGO Personnel (Having experience in Disaster Management to be nominated by the Collector), Member	-	-	-
13	District Project Coordinator, SSA, Member	-	-	-
14	District Education Officer, Nodal Officer & Member Convener	-	-	-



## 7.6 <u>Details of School Safety in the District</u>:

SI. No.	Activity	Total School	Total Target	Total achievement
1	Schools having School Safety Advisory Committee (Number)	36	4336	31
2	Schools having School Disaster management Plan (Number)	36	4336	30
3	Schools having conducted Safety Audits (Structural) (Number)	36	4336	2
4	Safety Audits (Non-Structural) (Number)	36	4336	29
5	Schools having conducted Annual Mock Drills (Number)	36	4336	203
6	Schools Having Fire Extinguisher (Number)	36	4336	3814
7	Schools Adhering to safety norms in storing inflammable & Toxic Material (Number)	36	4336	870
8	Schools confirming safety standards as per local building bye- laws (Latest) (Number)	36	4336	398
9	Schools having issued Recognition certificate under sub Rule(4)-Rule 15 of RTE rules 2010 (only to schools that comply with Structural safety norms) (Number)	71	471	4
10	Schools where students & teachers undergo regular training on School Safety & Disaster Preparedness (Number)	36	4336	3
11	Schools where disaster management is being taught as part of the curriculum (Number)	36	4336	54
11	Awareness Programme on School Safety	36	4336	31

## 7.7 <u>Disaster management Education (School Safety and School Disaster Preparedness)</u>

SI. No.	Name of the Programme	No. of Schools, Colleges and Other Educational institutions to be covered during the year	Time Line	Remarks
1	Awareness generation and mock drills for fire/earth quake etc.	21	October- December, 2018	-
2	Preparation of School disaster management plan	7577	December, 2018	-



### 7.8 <u>Details of Child Care Institutions</u>:

SI. No.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments (Fire Extinguisher, Alarm ) Yes/ No	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
1	Observation Home for Boys, Near RDC Res, Brahmapur	100	0	100	Sanjay Kumar Mohanty 7008216943	Yes	No			
2	Observation Home for Girls, Near RDC Res, Brahmapur	0	02	02	G. Sharmila 8895718743	Yes	No			
3	Special Home for Boys, Near RDC Res, Brahmapur	09	0	09	Sanjay Kumar Mohanty 7008216943	Yes	No			
4	Special Home for Girls, Near RDC Res, Brahmapur	0	0	0	G. Sharmila 8895718743	Yes	No			
5	Utkal Balashram, Gosainnuagam, Brahmapur	01	74	75	Sasmita Padhy 8249323266	Yes	No			
6	Sraddha Sanjivani, Gopalpur	29	24	53	Lokanath Mishra 9338464261	No	No			
7	Specialized Adoption Agency, C/o Utkal Balashram, Gosainnuagam, Brahmapur	01	04	05	Sibiyan Pradhan 9439338066	Yes	No			
8	Divine Life Society, Khajuria, Chikiti	35	0	35	Pramod Kumar Padhy 8908191898	Yes	No			
9	ISRD-Open Shelter, Jyotinagar, Brahmapur	26	0	26	Sudhir Sabat 9438406565	No	No			
10	Balmikeswar Anathashram, Dharakote	32	34	66	K. Tuna Dora 9777088517	Yes	No			
11	RCM Boys, Sorada	36	0	36	Manoj Gurudia 8280331277	Yes	No			
12	Navajeeban Sevashram, Konisi	21	24	45	Susanta Maharana 9437322820	No	No			
13	Nirmala Sisu Bhaban, Brahmapur	06	05	11	Uttam Ranjit	Yes	No			
14	Thakkarbappa Ashram	0	0	0	Chittaranjan Dash	Yes	No			





### **CAPACITY BUILDING MEASURES:**

#### 8.1 Approach:

Developing a DDMP without building capacity or raising awareness amongst stake-holders can be detrimental to the development of a successful and sustainable plan. Stakeholders and communities are critical components to a successful, long-term, sustainable disaster management plan. Capacity Building develops and strengthens skills, competencies and abilities of both Government and non-government officials and communities to achieve the desired results during and after disasters, as well as preventing hazardous events from becoming disasters

Developing institutional capacity is very important. At the same time, by making the local community part of the capacity building process helps in ensuring that disaster mitigation measures are more likely to be implemented and maintained over time.

### 8.2 Capacity Building of Stakeholders:

[Note: a training strategy should be formulated for training of major government and non-governmental cadres in the district who can aid in disaster management. Programmes to be finalized by the district based on need and requirement.

Districts to first utilize the funds available under different schemes at the district level, for capacity building activities. Besides, funds are also available under State Disaster Response Fund (SDRF). District Administration to prepare the Capacity Building plan for the district and send the same with detailed budget to SDMA for necessary funding.



s. N.	Name of the Course/ Training Programme	Participants	Duration of the Training Program me	Mont h of Organ izatio n	To be Organize d by	Remarks if any
1.	Orientation training programme on disaster management	ADM, Sub- Collector All BDOs, Tahasildars, E.Os of U.L.Bs, Head of line Departments, Police & Fire Dept. etc.	½ day	June	DDMA / Collector	To be coincided with the first quarter meeting of the DDMA
2	Training programme on heat wave preparedness	All BDOs/ E.Os of U.L.Bs/EE,P.H.E.D./ RWS &S, CDMO, CDVO, NGOs, etc.	1 day	Feb	DDMA/ Collector	To be held maximum by 15th of March
3	Hospital preparedness and mass causality management including hospital management plan	Doctors and Hospital Administrators	1 day	Jan	CDMO	
4	Training progamme on treating heat wave related health issues	Doctors and Paramedical Staff/ ANMs	1 day	Feb	CDMO	
5	Mass Casualty Management.	Para Medics/Police/ RPF/Home Guard/Fire and Civil Defense/ Railway Officials	1 day	Sep	DDMA	
6	Earth quake resistant construction	Asst. Engineers & JEs	1 day	June	DDMA	
7	Post disaster damage assessment(Crop loss/ House Damage)	AEs of all Blocks/ R.Is of all Tahsils and field staff of line departments	1 day	July	DDMA	
8	GIS mapping of Utilities	Block Computer Programmers, Line Department MIS officials	1 day	Aug	OSDMA	
9	Public health in emergencies- safe drinking water and sanitation	All BDOs, Block and district level officials of PHED/ RWS & S Dept.	1 day	Sep	CDMO	
10	Training of teachers on school safety including DM plan and conduct of Mock Drills	Principal/ Head Masters of all Govt. & Private Institutions	1 day	June	DEO	



S. N.	Name of the Course/ Training Programme	Participants	Duration of the Training Program me	Mont h of Organ izatio n	To be Organize d by	Remarks if any
11	Role of PRIs and ULBs in disaster management.	Members of ZP and ULBs, Chairman & Vice Chairman of PS.	1 day	Nov	DDMA/ Collector	
12	Block level training programmes on role of PRIs in disaster management	Sarapanchas & PS members	1 day	Nov	BDOs	
13	Role of NGOs/VOs/CBOs in disaster management.	District and block level NGOs/ VOs involved with district administration in disaster management	1 day	Dec	DDMA/ Collector	
14	Training of ZKSS and BKSS members on basics of disaster management and creating community level awareness for DOs and DON'Ts related to common disasters.	ZKSS and BKSS members	1 day	Oct	District Culture Officer/ DIPRO	
15	Search & rescue and safe evacuation.	Civil Defense Volunteers, NSS, NYK Volunteers, NCC	5 days	Oct	SP/ Asst. Comman dant of the nearest ODRAF unit.	
16	Training of Masons on earthquake resistant construction.	To be selected from the ODRP beneficiaries	7 days	Sep	DDMA with the assistance of Gram Vikas	
17	Role of Media in Disaster Management	Media Personal	1 day	Oct	DIPRO	



# Indicative list of training programmes is given below.

### Tabletop Exercise:

[Each year in the 1st week of April, Collector to organize a tabletop exercise involving all district and block level key officials to assess the emergency response plans for various disasters.]

MODE	AGENCY RESPONSIBLE
Training Programme for Rescue & Relief	SP, Dist. Fire Officer, Civil Defence, NGOs, CBOs
Training for common people on Health Care, Sanitation & First Aid	CDMO, BDOs & CBOs
Disaster Orientation Training of Police/ Fire Personnel/ Medical Teams	OSDMA/ ODMA/ UNDP/ SRC

## <u>Setting up of Disaster Volunteer Force - Identification & Training :</u>

	Warning Group- Warn the community of the impending danger.		
Block level Task Force	Rescue & Evacuation Group- To be put into task immediately after abatement of calamity.		
G.P. Level Task Force	k Force Water & Sanitation Group- Ensured safe drinking water in the shelter camps, MCS		
	Shelter management Group- Shall remain overall charge of managing the evacuees in shelter camps.		
Village Level Task Force	First Aid & Medical Group- Shall take care of the minor elements in the rescue camp.		
	Patrolling and Liaison Group- Shall watch & Word belongings of the inmates in the shelter camps & keep liaison with Govt.		



# 8.3 <u>Responsibilities of the Stakeholders:</u>

Stakeholders	Activities
COLLECTOR / A.D.M/ D.E.O.	<ul> <li>Assigning specific responsibilities to different agencies.</li> <li>Coordination with all line departments &amp; other agencies.</li> <li>Liaison with Rev. Control Room / OSDMA / SRC/ RDC</li> <li>And overall view on:</li> <li>Ensure availability of Vulnerability map of the Block/ Tahasil</li> <li>Heave a list of Resource inventory, Capacity analysis.</li> <li>List of cut off areas with safe route map for communication.</li> <li>List of storage facilities, dealers of food.</li> <li>Control room setup / assignment of control room duty.</li> <li>Pre-positioning of staff for site operation centers.</li> <li>Arrangement of alternative communication / generator sets etc.</li> <li>Arrangement of vehicles / Boasts for evacuation.</li> </ul>
SUPERINTENDENT OF POLICE	<ul> <li>Communication establishment with District and Block / Tahasil Control Rooms and departmental Offices within the division.</li> <li>An officer to be appointed as nodal officer on his behalf</li> <li>Overall traffic management and patrolling of all highways and other access roads to disaster sites</li> <li>Identification of antisocial elements</li> <li>Provisions of security in transmit camps / feeding Centers / relief camps / Cattle camps/ Cooperative food stores and distribution centers.</li> <li>Providing assistance to district authorities for taking necessary action against hoarders, black marketers and those found manipulating relief material.</li> <li>Coordination with military service personnel in the area being carried out under relief operation</li> <li>Providing assistance to the community in organizing emergency transport or injured.</li> </ul>
Civil Supply Officer	<ul> <li>Identification of inaccessible pockets at Blocks.</li> <li>Keeping list of whole sell traders of local market.</li> <li>List of storage agents with quantity of monthly allotment &amp; uptake.</li> <li>Detail data on beneficiary / Annapurna Scheme</li> <li>List of Petrol pump dealer</li> <li>List of Medicine Shops.</li> <li>List of traders dealing with temporary shelters materials.</li> <li>Diversion of essential commodities to affected pockets as &amp; when requisition.</li> </ul>
CDVO	<ul> <li>Identification of inaccessible pockets at Blocks.</li> <li>Keeping list of whole sell traders of local market.</li> <li>List of storage agents with quantity of monthly allotment &amp; uptake.</li> <li>Detail data on beneficiary</li> <li>List of Fodder dealer</li> <li>List of Medicine Shops.</li> <li>List of traders dealing with temporary shelters materials.</li> <li>Diversion of essential commodities to affected pockets as &amp; when requisition</li> <li>Coordination.</li> </ul>



Stakeholders	Activities
BDOs and Tahasildars	<ul> <li>Prepare Vulnerability map of the Block/ Tahasil</li> <li>List out cut off areas with safe/ alternative route map</li> <li>Identification and management of shelter camps</li> <li>List of storage facilities dealers of food</li> <li>Control room setup/ assignment of control room duty</li> <li>Prepositioning of staff for site operation centers</li> <li>Arrangement of alternative communication/ generator sets etc.</li> <li>Dissemination of warning/ coordination with DCR</li> <li>Ensuring coordination with GP/ RI/ village committee</li> </ul>
SOUTHCO	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Standby arrangements for temporary electric supply or generator</li> <li>Inspection and repair of high-tension lines/ substations/ transformers/ poles etc.</li> <li>Clearing of damaged poles/ salvaging of conductors and insulators</li> <li>Identification of materials required for response operation</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>
Telecommunication / Private Cellular Service Operators	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Standby arrangements for temporary electric supply or generators</li> <li>Inspection and repair of poles etc.</li> <li>Identification of materials required for response operations</li> <li>All staff informed about the disasters, likely damages and effect</li> </ul>
CDMO	<ul> <li>Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division</li> <li>An officer to be appointed as Nodal Officer</li> <li>Stockpiling of live saving, anti-diarrheal drugs, anti-venom injections, detoxicants, anesthesia, adequate drinking water</li> <li>Arrangement of ambulance/ generators</li> <li>In-house emergency medical teams to ensure the adequate staff available at all times to handle emergency causalities</li> <li>Listing of private health facilities</li> <li>Strengthening of disease surveillance</li> <li>Formation of mobile units and ensure communication with them</li> <li>Identification of sites in probable disaster areas for site operation areas</li> <li>Awareness generation by supportive strength.</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>
PHD, RWSS	<ul> <li>Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division</li> <li>An officer to be appointed as Nodal Officer</li> <li>Arrangement of water tankers and other temporary means of distribution and storage water</li> <li>Adequate arrangement to provide water to relief camps/ affected villages, alternative water supply arranged in feeding centers/ cattle camp etc.</li> <li>Disinfections of water bodies</li> <li>Identification of appropriate portable water supply</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>



Stakeholders	Activities
Irrigation	<ul> <li>Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division</li> <li>An officer to be appointed as Nodal Officer</li> <li>Activation of flood monitoring mechanism</li> <li>Methods / communication arrangement of alerting officers on various sites established.</li> <li>Mechanism evolved for forewarning settlements in the down streams/ evacuation/ coordination with other dam authorities</li> <li>Identification of materials required for response operations</li> <li>Repair/ under construction activity are well secured</li> <li>Water level gauges marked</li> <li>In late and out late to tanks are cleared</li> <li>Watch and ward of weak embankments and stock piling of repair material</li> <li>Guarding of week embankments</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>
Agriculture	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Information provided about the disaster and likely damages to crop and plantation</li> <li>Organized transport, storage and distribution of seeds/ fertilizers/ pesticides</li> <li>Cleaning operation carried out to avoid water logging and salinity</li> <li>Surveillance for pests and diseases being carried out</li> <li>Establishment of public information centers requirements for salvage or replantation assessed damage</li> <li>Identification of different areas to be affected by different hazards</li> <li>Listing of irrigation sources with status</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>
Public Works Department	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Arrangement of extra vehicles/ heavy equipments, such as front-end loaders/ towing vehicles/ earth moving equipments/ cranes etc.</li> <li>Inspection and emergency repair for roads/ road bridges/ underwater inspection/ piers/ concrete and steel work</li> <li>Emergency inspection by mechanical engineer of all plant and equipments</li> <li>Route strategy for evacuation and relief marked</li> <li>Clearance of blocked roads</li> <li>Community assistance mobilized for road clearing</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>



NGOS & CBOS, Mahila Samitis, SHGS, Youth Clubs, religious Institution or Trust etc.

	PREPAREDNESS	REMARKS
•	IEC Campaign	
•	Preparation of community Contingency Plan	
•	Formation of Village Disaster Preparedness Community with	
	assigning their particular responsibilities	Shall keep direct link with
•	Generation of Community Contingency Fund	Block administration
•	Mock Drill in different levels	
•	Training to the NGO/ Village Volunteers on Rescue & First Aid/	
	Ham/ VHF Etc.	

## ODRAF

PREPAREDNESS	REMARKS	EQUIOPMENTS
<ul> <li>Formation of Village Disaster Preparedness Community with assigning their particular responsibilities</li> <li>Mock Drill in different levels</li> <li>Training to the NGO/ Village Volunteers on Rescue &amp; First Aid/ Ham/ VHF Etc.</li> </ul>	Shall keep direct	Stated before

## 8.3.1 District/ Block level Mock Drills:

SI. No.	Type of Mock Drill	Officials/ Institutions to be involved	Month/ Date	Remarks
11	Tsunami	Govt. officials, community members, task force and PRI members.	First week of September	
22	Flood	Govt. officials, community members, task force and PRI members.	19 <sup>th</sup> June	
33	Cyclone	Govt. officials, community members, task force and PRI members.	19 <sup>th</sup> June	
44	Industrial Accidents/ Industry Specific Mock drills	Govt. officials, community members, task force, PRI members and Industrial employees.	As per pre- scheduled programme of concerned industrial establishments	



### 8.3.2 Disaster management Education (School Safety and School Disaster Preparedness):

SI. No.	Name of the Programme	No. of Schools, Colleges and Other Educational institutions to be covered during the year	Time Line	Remarks
1.	Awareness generation and mock drills for fire/ earth quake etc.	64	Before first fortnight of December	

### 8.4 <u>Preparation of Village Disaster Management Plans (VDMPs)</u>:

The State Executive Committee (SEC) in its meeting held on 05-01-2017 has been approved for preparation of VDMPs for Community Based Disaster Management (CBDM) in the disaster prone villages. The Village Disaster Management Committee (VDMC) and Task Forces at village level are to be formed and capacitate them to work for disaster management equipped with preparedness to minimise the loss of life and property of the target community.

### Preparation of Village Disaster Management Plans

SI. No.	Block Name	No. of GPsto be covered during2019- 20	Noof vulnerable villages to be covered during 2019-20 (No. Of villages as per census 2011-No. Of un- inhabited villages)	No. of VDMC and task force member to be oriented	No. NGOsto be involved in the process	Time Line
1	Ganjam	15	92 (113-21)	92	1	July-Dec. 2019
2	Chatrapur	18	74 (80-6)	74	1	July-Dec. 2019
3	Rangeilunda	32	79 (83-4)	79	1	July-Dec. 2019
4	Chikiti	17	122 (137-15)	122	1	July-Dec. 2019
	Total	82	367	367	4	



# 8.5 <u>Capacity Building of Flood Shelter Maintenance & Management Committee (FSMMC) and Task Force Members (TFM)</u>

FSMMC and TFM members will be given training from time to time to update their knowledge and skills on shelter management, equipment management and disaster management.

### Capacity building of FSMMC & TFM

SI. No.	Name of the Training Programme	Total No. of Persons to be trained	No. of Training Programmes to be organized	Time Line
1	Basic orientation of FSMMC	200	10	November
2	Training of task force members on search & rescue and first aid	70	4	December
3	Disaster and shelter management skills, record keeping procedures	70	4	December

### 8.6 Community Capacity Building for Community Based Disaster Management:

SI. No	Block Name	No. of vulnerable villages to be covered during 2017-18	No. of VDMC and task force member to be oriented	No.of NGOs to be involved in the process	Time line	Remarks
1	Khallikote	16	80	2	Prior to conduct of Mock drills	
2	Ganjam	29	145	5	Prior to conduct of Mock drills	
3	Chatrapur	11	55	1	Prior to conduct of Mock drills	
4	Rangeilunda	10	50	1	Prior to conduct of Mock drills	
5	Chikiti	12	60	2	Prior to conduct of Mock drills	
6	Digapahandi	3	15	1	Prior to conduct of Mock drills	
7	Sheragada	4	20	1	Prior to conduct of Mock drills	
8	Hinjilicut	6	30	1	Prior to conduct of Mock drills	
9	Bellaguntha	1	5	1	Prior to conduct of Mock drills	
10	Kabisuryanagar	2	10	1	Prior to conduct of Mock drills	
11	Surada	1	5	1	Prior to conduct of Mock drills	
12	Polasara	1	5	1	Prior to conduct of Mock drills	
13	Aska	2	10	1	Prior to conduct of Mock drills	
14	Bhanjanagar	1	5	1	Prior to conduct of Mock drills	
15	Purushottampur	6	30	1	Prior to conduct of Mock drills	



# 8.7 <u>Capacity building of Cyclone and Flood Shelter Maintenance & Management Committee and Task Force members:</u>

SI. No.	Name of the Training Programme	Total No. of persons to be trained	No. of training Programmes to be organized	Time Line	Remarks if any
1	Orientation of CSMMC and FSMMC	525	24	Prior to conduct of Mock drills	
2	Training of task force members on Search & Rescue and First Aid	420	12	Prior to conduct of Mock drills	

## 8.8 Shelter level mock drills:

SI. No.	Туре	No. of Cyclone/ Flood Shelters to be covered	No. of villages to be covered	Month/ Date
1	Cyclone Mock drill	72	108	19th June
2	Tsunami Mock drill	29	39	First week of September
3	Flood Mock drill	33	52	19th June



#### PREPAREDNESS PLAN:

#### About the Plan:

The ultimate goal for the DDMP with respect to various hazards is to have prepared communities in a way that when the hazards strike, there is little or no loss of life; least number of injuries and the losses to property and infrastructure are not critical.

Each element in this Sub-plan has a specific role and significant contribution towards the end target of a safer District. All the elements attend to a distinct but interrelated with the area of concern. The plan rests on the conviction that well defined strategies, goals and end targets with identified players, roles and responsibilities are the precursors of successful implementation of any project. The strategies for hazard loss reduction aim at reducing losses in the event of a future occurrence of a hazard.

Preparedness focuses on plans to respond to a disaster threat or occurrence. It takes into account an estimation of emergency needs and identifies the resources to meet these needs. It also involves preparation of well-designed plans to structure the entire post-disaster response, and familiarizes the stakeholders, particularly the communities through training and simulation exercises. The first objective of preparedness is to reduce the disaster impact through appropriate actions and improve the capacity of those who are likely to be affected most (that is, marginalized, poor and handicapped, women & children etc.) to get maximum benefit out of relief. The second is to ensure that ongoing development continues to improve the capacities and the capabilities of the system to strengthen preparedness efforts at community level. Finally, it guides the reconstruction in a manner so that there is reduction in vulnerability. The best examples of preparedness activities are the development of local warning and community evacuation plans through community education, evolving local response structures such as Community based Disaster Management Teams (DMT) and administrative preparedness by way of stockpiling of supplies; developing emergency plans for rescue and relief.

In the Disaster Management System, Actors from different fields such as Political, Administrative, Government, Non-Governmental sectors and Civil Society Organizations have their own roles and responsibilities starting from IEC to Rehabilitation or in the resilient process. These Disaster Managers are assigned with specific responsibilities to avoid overlapping of power & confusion in discharging their duties at the time of crisis. The very purpose of this chapter is to coordinate their services for smoother delivery of timely action and delivery of goods or services to the people at the time of their worst suffering.



# Steps For Preparedness Plan:

# The preparation of a Disaster Preparedness Plan involves the following steps:

Steps	What is to be done	Who are to be involved	How it is to be done
I	Review and Analysis	District Collector, ADM, Emergency Officer, BDOs, Gram Panchayat, Village community, NGOs/CBOs, Community/Village level workers	Past history of disasters to be discussed and documented Extent of severity and damage to be recorded The nature of the Warning issued to be analyzed The nature and extent of the rescue and restoration done, to be reexamined
II	Situation Analysis	Sub-Collector, BDOs, Line Deptts, Gram Panachayat, Village community, NGOs/CBOs, Community/Village level workers	Mapping the geography and topography of the risk prone areas, block-wise, GP-wise and village-wise  Demographic details to be recorded  Mapping of the habitation in the concerned areas  The natural resources to be marked on the maps  Listing all the livelihoods and properties  The existing risk prone/ safe infrastructure to be marked on the map
111	Hazard Analysis	Sub-Collector, BDOs, Line Deptts, Gram Panachayat, Village community, NGOs/CBOs, Community/Village level workers	Identification of all possible hazards in the area based on past experience and available records Identification of the most vulnerable areas with relation to threat to life, livelihoods and property
IV	Vulnerability Assessment	Sub-Collector, BDOs, Line Deptts, Gram Panachayat, Village community, NGOs/CBOs, Community/ Village level workers	Locations of the vulnerable areas are to be mapped separately Identification of the vulnerable people such as, the elderly, the disabled, children and pregnant women, families living in thatched houses, fishermen (if any), ailing people, etc. Identification of property or assets which are likely to be affected, such as, cattle and other livestock's, kachcha houses, weak structures, pump sets, tube wells and other installations, crops, horticulture and plantations, boats, nets, etc. Identification of weak points on embankments Marking the drainage system in the concerned area



Steps	What is to be done	Who are to be involved	How it is to be done
V	Opportunity Analysis	Sub-Collector, BDOs, Line Deptts, Gram Panachayat, Village community, NGOs / CBOs, Community / Village level workers	Identification of the existing resources which may help to reduce risks to life and propertyldentification of the raised platform, safe houses and hillocks for shelter and storageListing the existing flood / cyclone shelters, if anyldentification of the elevated and up-lands which can act as natural barriers to protect livestockListing of the existing health and sanitation facilitiesIdentification of safe routes for evacuation Identification of the sources of funds to carry out the preparedness activities

### 9.1 Relief Lines : District to Blocks :

The roads from dist. head qtrs. to blocks which are vulnerable to disaster as well as the roads which are to be treated as Relief lines during majority of disasters are identified and given in table below:

	Name of	the Road	Type of	Vulnerability of the		
SI. No	From	То	Road & Length	route (Description of the Vulnerability)	Coverage (Blocks)	Relief Lines
1	Chatrapur	Jagannathpr asad	NH /SH 135 Kms	Road submerge- ence-10 kms. Damage of culvert/ bridge near Nalabanta, Cheramaria, Aska	Bellaguntha, Bhanjanagar, Aska, Hinjilicut, Kukudakhandi	Chatrapur-Berhampur- Digapahandi- Sanakhemundi- Sheragada-Dharakote- Sorada-Bhanjanagar- Bellaguntha- Jagannathprasad
2	Chatrapur	Bellaguntha	NH /SH 115 Kms	Road submerge- ence-10 kms Damage of culvert/ bridge	Bhanjanagar, Aska, Hinjilicut, Kukudakhandi	1) Same as SI. No.1 2)Chatrapur-Ganjam- Khallikote-Kodala- Polasara-Buguda- Bellaguntha
3	Chatrapur	Bhanjanagar	NH /SH 102 Kms	Road submerge- ence-10 kms Damage of culvert/ bridge	Aska, Hinjilicut, Kukudakhandi	Same as SI. No.1 & 2.
4	Chatrapur	Buguda	NH /SH 87 Kms	Road submerge- ence-10 kms Damage of culvert/ bridge	Aska, Hinjilicut, Kukudakhandi	Same as SI. No.1 & 2.
5	Chatrapur	Surada	NH /SH 102 Kms	Road submerge- ence-10 kms Damage of culvert/ bridge	Dhrakote, Aska, Hinjilicut, Kukudakhandi	Same as Sl. No.1



	Name of	the Road	Type of	Vulnerability of the		
SI. No	From	То	Road & Length	route (Description of the Vulnerability)	Coverage (Blocks)	Relief Lines
6	Chatrapur	Aska	NH /SH 62 Kms	Road submerge- ence-10 Kms Damage of culvert/ bridge	Hinjilicut, Kukudakhandi	Chatrapur-Berhampur- Digapahandi- Sanakhemundi- Sheragada-Dharakote- Sorada- Kanteipalli Chhaka-Aska
7	Chatrapur	Sheragada	NH /SH & MDR 65	Road submerge- ence-10 Kms Damage of culvert/ bridge	Hinjilicut, Kukudakhandi	Chatrapur-Berhampur- Digapahandi- Sanakhemundi- Sheragada
8	Chatrapur	Dharakote	NH /SH & MDR 72 Kms	Road submerge- ence-10 Kms Damage of culvert/ bridge	Aska, Hinjilicut, Kukudakhandi	Chatrapur-Berhampur- Digapahandi- Sanakhemundi - Sheragada-Dharakote
9	Chatrapur	Digapahandi	NH 50 Kms	Damage of culvert/ bridge	-	Chatrapur-Berhampur- Diagapahandi
10	Chatrapur	Sanakhemun di	NH /MDR 58 Kms	Damage of culvert/ bridge	Digapahandi	Chatrapur-Berhampur- Digapahandi
11	Chatrapur	Patrapur	National Highway & MDR 67 Kms	Road submergence- 200 MtsDamage of culvert/ bridge	Rangeilunda, Chikiti	Chatrapur-Berhampur- Rangeilunda-Chikiti- Patrapur
12	Chatrapur	Chikiti	NH /SH 52 Kms	Damage of culvert/ bridge	Rangeilunda	Chatrapur-Berhampur- Rangeilunda-Chikiti
13	Chatrapur	Rangeilunda	NH 30 Kms	Damage of culvert/ bridge	-	Chatrapur- Rangeilunda via NH
14	Chatrapur	Kukudakhan di	NH /SH 30 Kms	Damage of culvert/ bridge	-	Chatrapur-Berhampur- Kukudakhandi
15	Chatrapur	Polasara	NH /SH 67 Kms	Road submergence-5 Kms Damage of culvert/ bridge	Purushottamp ur	Chatrapur-Ganjam- Humma Chhaka- Purushottampur- Bhutasarasingi Chhaka-Polasara
16	Chatrapur	Kabisuryana gar	NH /SH 55 Kms	Road submergence-5 Kms Damage of culvert/ bridge	Purushottamp ur	Chatrapur-Ganjam- Humma Chhaka- Purushottampur- Kabisuryanagar
17	Chatrapur	Hinjilicut	NH /SH 50 Kms	Damage of culvert/ bridge	Kukudakhandi	Chatrapur-Berhampur- Kukudakhandi- Hinjilicut



	Name of	the Road	Type of	Vulnerability of the		
SI. No	From	То	Road & Length	route (Description of the Vulnerability)	Coverage (Blocks)	Relief Lines
18	Chatrapur	Purushottam pur	NH /SH 40 Kms	Road submergence- 5Kms Damage of culvert/ bridge	Chatrapur	Chatrapur-Ganjam- Humma Chhaka- Purushottampur
19	Chatrapur	Beguniapada	NH /SH 45 Kms	Damage of culvert/ bridge	Ganjam, Khallikote	Chatrapur-Ganjam- Khallikote- Beguniapada
20	Chatrapur	Khallikote	NH /SH 33 Kms	Damage of culvert/ bridge	Ganjam	Chatrapur-Ganjam- Khallikote
21	Chatrapur	Ganjam	NH 10 Kms	Damage of culvert/ bridge	-	Chatrapur- Ganjam via NH
22	Chatrapur	Chatrapur	ULB road in Dist. H.Qrs.	Dist. Head quarters Block		-

## 9.2 Relief Line Channels: Block to GPs & Villages:

The roads from blocks to GPs & villages which are vulnerable to disaster as well as the roads which are to be treated as Relief lines during majority of disasters are identified and given in a table (at Table No.3.18 of Vol. II of the DDMP)

### 9.3 Resources available : Response force & Volunteers :

			No. of	f trained	person		Contact
SI. No.	Response Force	Capacity (in Nos.)	Research / Rescue	First Aid	Relief line Clearance	Name of the Nodal person	Details (Mobile / Phone)
1	NDRF	1050					
2	ODRAF	35	18	7	18	S.K.Biswal, Asst. Commandant	9437103684
3	Police	1632				Sri A.K.Singh, IPS, Superintendent of Police	Mo- 9437576970
4	Home Guards	638				Sri A.K.Singh, IPS, Commandant,Home Guard	06811-263946
5	Civil Defense	N.A	N.A	N.A	N.A	N.A	N.A
6	NCC	14000	1000	1000	00	Lt. Cornel Arnab Banarjee, Admn. Officer	7381009803/ 0680-2280038
7	NSS					Dr. Satish Kumar Nayak, Dist. Programme Officer	9861966775
8	NYK	46				Ashok Kumar Dash ,Dist. Youth Co-ordinator	9437137422
9	Trained Task force	160	80	80	N.A	N.A	N.A
10	Red Cross	2160				Red Cross B.Govinda Rao, YRC Lecturer in Botnay	9438189199



# 9.4 <u>Preparedness at District Level :</u>

Task	Activity
District Emergency operation Centre (DEOC)	<ul> <li>Test Checkup of all communication Interfaces in regular interval</li> <li>Proper manning of the Control Room as per Para-10 of the Odisha Relief Code</li> <li>A dedicated vehicle must be earmarked for Control Room</li> </ul>
Upward & Downward Communication	<ul> <li>Have a list of Nodal person with contact details</li> <li>Establish regular linkages with all important stakeholders</li> <li>Contact State Emergency Operation Centre (SEOC) regularly</li> </ul>
Meeting of DDMA (Heads of the department & stakeholder)	<ul> <li>DDMA must meet twice every year &amp; before any disaster</li> <li>Fix time &amp; venue for regular Preparedness meeting to Assess preparedness of District /Department /Civil Society / Block Community /Family /Individual level regularly</li> <li>Circulate the minutes of the meeting with clear-cut role &amp; responsibility</li> </ul>
Capacity Building	<ul> <li>Identifying &amp; designating Nodal Officer for different Deptt.</li> <li>Capacity building &amp; skill upgradation of ODRAF/Fire services/Police/Home Guard</li> <li>Identify Volunteer like Civil Defense/Cyclone, Flood shelter Task Force/NCC/NSS/Scout &amp; Guide &amp; train them on Search &amp; Rescue, First aid, evacuation etc.</li> <li>Take stake of required materials for search &amp; rescue, first aid, casualty management, evacuation, relief etc. &amp; update IDRN portal regularly</li> <li>Assess preparedness through Mock drill at District, Block &amp; Community level</li> </ul>
Shelter Management	<ul> <li>Take necessary steps for operation &amp; maintenance of shelters</li> <li>Test Check of various Equipment at shelter level &amp; repair of the defective ones</li> <li>Ensure regular meeting of Shelter committee</li> <li>Assess Shelter level preparedness through Mock drills</li> </ul>
Planning & Reporting	<ul> <li>Collect &amp; transmit Rain fall data regularly</li> <li>Collect &amp; transmit weather report regularly</li> <li>Ensure preparation of Disaster Management Plans &amp; Safety plans at all levels</li> <li>Capacity building of all Stake holders</li> <li>Integrate the District plan with block &amp; Village disaster management Plans</li> <li>Develop healthy media partnership</li> </ul>



### 9.5 <u>Usefulness of Satellite Phone During Natural Disasters</u>:

Satellite Phone can be a life saver during natural disasters. A Satellite Phone on the premises is essential as it would be only means to communicate with others. It gives a communication access to local services, rescue operations and emergency services.

Procedure for using INMARSAT ISAT PHONE 2

- i. Stand outside with a clear view to the sky with the phone antenna pointing upwards.
- ii. There must be a clear line of sight between the phone's antenna and the satellite.
- iii. Point the antenna towards **South-East** direction.
- iv. Switch on the phone by pressing the Red power button of the phone for few seconds. Until the screen lights up.
- v. Align the antenna for getting the maximum satellite signal strength (minimum two bars)
- vi. The screen will show "searching for satellite" "registering with network".
- vii. The screen will show "ready for service". Inmarsat name will come in top right corner.
- viii. Then the phone is ready to operate
- ix. Simply dial the desired no:
  - a. From satellite to landline: Dial **00** + Country code 91+ **STD code (without 0)** + desired **Telephone No.**
  - b. From Satellite to mobile: Dial 00 + 91+ Mobile Number
  - c. From Satellite to satellite: 00+ satellite phone number
  - d. From Landline(should have ISD facility) to satellite: 00 + satellite phone number
  - e. From **Prepaid mobile**(should have ISD facility with sufficient balance) to **satellite**: 00 + satellite phone number
  - f. To end the call Press 'red' button

**Note**: A delay in microseconds will be observed so the user is advised to listen to one end and then speak.

- The user is also advised to SPEAK SOFTLY to get better voice quality at the other end.
- Check the Battery. (Display will show a rectangular block that will be filled according to the charge in the battery). Always charge the battery till it gets charged 100%.
- For more detail information please follow the **User Guide document**.



# 9.6 <u>Allotted Important Satellite Phone Numbers of Odisha :</u>

SI. No.	Details	Calling Numbers
1	Collector Angul	8991118454
2	Collector Balasore	8991118455
3	Collector Bargarh	8991118456
4	Collector Bhadrak	8991118457
5	Collector Bolangir	8991118458
6	Collector Boudh	8991118459
7	Collector Cuttack	8991118460
8	Collector Deogarh	8991118461
9	Collector Dhenkanal	8991118462
10	Collector Gajapati	8991118463
11	Collector Ganjam	8991118464
12	Collector Jagatsinghpur	8991118465
13	Collector Jajpur	8991118466
14	Collector Jharsuguda	8991118467
15	Collector Kalahandi	8991118468
16	Collector Kandhamal	8991118469
17	Collector Kendrapada	8991118470
18	Collector Keonjhar	8991118471
19	Collector Khorda	8991118472
20	Collector Koraput	8991118473
21	Collector Malkangiri	8991118474
22	Collector Mayurbhanj	8991118475
23	Collector Nabarangpur	8991118476
24	Collector Nayagarh	8991118477
25	Collector Nuapada	8991118478
26	Collector Puri	8991118479
27	Collector Rayagada	8991118480
28	Collector Sambalpur	8991118481
29	Collector Subarnapur	8991118482
30	Collector Sundargarh	8991118483
31	ODDAT Cotto de OACD (th Dettalier	8991118484
32	ODRAF Cuttack, OASP 6thBattalion	8991118485
33	ODDAE Dhubanasuan OSAD 7th Dattalian	8991118486
34	ODRAF Bhubaneswar, OSAP 7thBattalion	8991118487
35	ODDAT Davida da OGAD 5th Dattalian	8991118488
36	ODRAF Baripada, OSAP 5thBattalion	8991118489
37	ODDAE Boundala OSAD 4+b D-++-1:	8991118490
38	ODRAF Rourkela, OSAP 4thBattalion	8991118491
39	ODDAE Koronut OCAD 2mdp-tt-1:	8991118492
40	ODRAF Koraput, OSAP 3rdBattalion	8991118493
41	ODDAE II amara la OGAD 2 ID 11 II	8991118494
42	ODRAF Jharsuguda, OSAP 2ndBattalion	8991118495
43	ODDAE CL. II. OCCUDATE III.	8991118496
44	ODRAF Chattrapur, OSAP 8thBattalion	8991118497



SI. No.	Details	Calling Numbers
45	ODRAF Balasore	8991118498
46	ODRAF Balasore	8991118499
47	ODRAF Bolangir	8991118500
48	ODRAF BOIDING	8991118501
49	ODRAF Jagatsinghpur	8991118502
50		8991118503
51	State Fire Office	8991118504
52	Commissioner of Police	8991118505
53	Revenue & DM Department	8991118506
54	Managing Director, OSDMA	8991118507
55	Office of Chief Secretary	8991118508
56	Office of Chief Minister	8991118509
57	Special Relief Commissioner (SEOC)	8991118510
58	Managing Director, OSDMA	8991118511

# 9.7 <u>Preparedness at Community Level</u>:

Task	Activity		
Early Warning Dissemination	<ul> <li>Build regular linkages with BEOC &amp; DEOC</li> <li>Test Check of various Equipment at shelter level &amp; repair of the defective ones</li> <li>Keep updates from BEOC/DEOC</li> <li>Monitor &amp; Transmit updates to BEOC</li> <li>Supply required information to BEOC &amp; DEOC</li> </ul>		
Ensuring Preparedness	<ul> <li>Have a list of Nodal person deployed in the village with contact details</li> <li>Identification of safer routes &amp; shelters</li> <li>Identify possible ways to reach persons like Farmers/Fisherman/NTFP collectors etc. who ventures into fields, sea &amp; forest respectively</li> <li>Build teams from among the task force on Search &amp; Rescue, First aid, Damage &amp; loss assessment</li> <li>Assess preparedness at Family/Individual level</li> <li>Test Check-up of equipment's</li> </ul>		
Capacity Building	<ul> <li>Understand Local dynamics exposed &amp; vulnerable to different disaster</li> <li>local Social Economic &amp; weather conditions</li> <li>Develop Village DM plan</li> <li>List of emergency contact Nos. &amp; display it in Centre places.</li> <li>Participate in the activities of Preparing village Disaster Management, developing Safety plans, Capacity building Programmes &amp; Mock Drills</li> </ul>		



# 9.8 <u>Preparedness at Family Level</u>:

Task	Activity		
Warning Communication	<ul> <li>List the minimum important requirements</li> <li>Keep all the important Documents in a water proof polythene</li> <li>Record the Safe &amp; alternative routes to shelter</li> <li>Keep News update in Radio/TV</li> </ul>		
Preparedness	<ul> <li>Keep News update in Radio/TV</li> <li>Always keep in readiness a "Ready to go Emergency Kit" containing Dry food (for 72 hours x Family member), Drinking water (2ltr/per person per day), Hand wash/soap, Important Documents/Valuables, Whistle/match box/lighter/torch/battery/ umbrella, Mobile &amp; charger / radio</li> <li>Family must have a "Ready to go First Aid Kit" containing</li> </ul>		
Capacity Building	<ul> <li>Participate &amp; involve in the activities of village disaster Management plan, preparation of Safety plans, participate in Capacity building Programmes &amp; involve in Mock Drills</li> </ul>		

# 9.9 <u>Preparedness at Individual Level</u>:

Task	Activity		
Early Warning Dissemination	<ul> <li>List &amp; keep a ready to go minimum Important requirements</li> <li>Record the Safe &amp; alternative routes to shelter</li> <li>Keep News update in Radio/TV</li> </ul>		
Ensuring Preparedness	<ul> <li>Every individual/children must have a Personal Identity information like a copy of Aadhar card/ Voter ID / School Identity Card &amp; Contact numbers of preferably two who can be contacted in time of emergency</li> <li>Family members especially kids must be sensitized about family gathering point during disaster &amp; crowded places</li> <li>Assess preparedness on a regular basis by checking Radio/Mobile/ Emergency Kit/First Aid Kit/Fuels &amp; Kerosene (as per need)</li> </ul>		
Capacity development	<ul> <li>Participate &amp; involve in the activities of</li> <li>Disaster Management</li> <li>Safety plans</li> <li>Capacity building Programmes</li> <li>Mock Drills &amp; FAMEX etc.</li> </ul>		



# 9.10 <u>Preparedness of Departments/Offices</u>:

Name of the Department/Offices	Normal Time
District Collector/ADM / Emergency Officer	<ul> <li>Ensure regular meetings of District Disaster Management Authority</li> <li>Develop &amp; update Disaster Management Plan, carry out Hazard analysis in the district</li> <li>Identify safe alternate routes to cyclone/flood shelters.</li> <li>Keep a list of Contacts of EoCs, Nodal officer of different departments, important stake holders, Village leaders, shelters</li> <li>List of Relief lines &amp; storage places</li> <li>List &amp; maintenance of SAR equipment</li> <li>Capacity building of stakeholders &amp; volunteers</li> <li>Asses preparedness through Mock Drills for different disasters at district department, block &amp; community level</li> <li>Adopt sustainable mitigation measures</li> <li>Integrate DM &amp; DRR features in development programmes</li> </ul>
Chief District Medical Officer	<ul> <li>Disaster Management Plans &amp; Safety plans for Hospitals</li> <li>Capacity building of Medical &amp; Para Medical Staffs</li> <li>Assess preparedness through Mock Drills &amp; familiar exercises</li> <li>Integrate department plans with plans with Village &amp; Block Plans and development programmes</li> <li>Develop media partnership</li> <li>Develop capacity of hospitals with advance equipment, proper manning &amp; disaster resilient infrastructures</li> <li>Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division</li> <li>An officer to be appointed as Nodal Officer</li> <li>Stockpiling of life saving, anti-diarrheal drugs, de-toxicants, anesthesia, adequate drinking water</li> <li>Arrangement of ambulance/ generators</li> <li>In-house emergency medical teams to ensure the adequate staff available at all times to handle emergency causalities</li> <li>Listing of private health facilities</li> <li>Strengthening of disease surveillance</li> <li>Formation of mobile units and ensure communication with them</li> <li>Identification of sites in probable disaster areas for site operation areas</li> <li>Awareness generation by supportive strength.</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>



Name of the	Normal Time		
Department/Offices			
Superintendent of Police (SP)	<ul> <li>Communication establishment with District and Block / Tahasil Control Rooms and departmental Offices within the division.</li> <li>An officer to be appointed as nodal officer on his behalf</li> <li>Overall traffic management and patrolling of all highways and other access roads to disaster sites</li> <li>Identification of anti-social elements</li> <li>Provisions of security in transmit camps / feeding Centers / relief camps / Cattle camps/ Cooperative food stores and distribution centers.</li> <li>Providing assistance to district authorities for taking necessary action against hoarders, black marketers and those found manipulating relief material.</li> <li>Coordination with military service personnel in the area being carried out under relief operation</li> <li>Providing assistance to the community in organizing emergency transport or injured.</li> </ul>		
Executive Engineer- Irrigation	<ul> <li>Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division</li> <li>An officer to be appointed as Nodal Officer</li> <li>Activation of flood monitoring mechanism</li> <li>Methods / communication arrangement of alerting officers on various sites established.</li> <li>Mechanism evolved for forewarning settlements in the down streams/ evacuation/ coordination with other Dam authorities</li> <li>Identification of materials required for response operations</li> <li>Repair/ under construction activity are well secured</li> <li>Water level gauges marked</li> <li>In-let and out-let to tanks are cleared</li> <li>Watch and ward of weak embankments and stock piling of repair material</li> <li>Guarding of weak embankments</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>		
Dy. Director- Agriculture	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Information provided about the disaster and likely damages to croand plantation</li> <li>Organized transport, storage and distribution of seeds/ fertilizer pesticides</li> <li>Cleaning operation carried out to avoid water logging and salinity</li> <li>Surveillance for pests and diseases being carried out</li> <li>Establishment of public information centers requirements for salvage or re-plantation assessed damage</li> <li>Identification of different areas to be affected by different hazards</li> <li>Listing of irrigation sources with status</li> <li>All staff informed about the disasters, likely damages and effects.</li> </ul>		



Name of the	Normal Time		
Department/Offices			
Executive Engineer- Public Works	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Arrangement of extra vehicles/ heavy equipments, such as front-end loaders/ towing vehicles/ earth moving equipments/ cranes etc.</li> <li>Inspection and emergency repair for roads/ road bridges/ underwater inspection/ piers/ concrete and steel work</li> <li>Emergency inspection by mechanical engineer of all plant and equipments</li> <li>Route strategy for evacuation and relief marked</li> <li>Clearance of blocked roads</li> <li>Community assistance mobilized for road clearing</li> <li>All staff informed about the disasters, likely damages and effects.</li> </ul>		
DTO-Telecom (Telecommunication / Private Cellular Service Operators)	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Standby arrangements for temporary electric supply or generators</li> <li>Inspection and repair of poles etc.</li> <li>Identification of materials required for response operations</li> <li>All staff informed about the disasters, likely damages and effect</li> </ul>		
Chief District Veterinary Officer	<ul> <li>Identification of inaccessible pockets at Blocks.</li> <li>Keeping list of whole sell traders of local market.</li> <li>List of storage agents with quantity of monthly allotment &amp; uptake.</li> <li>Detail data on beneficiary</li> <li>List of Fodder dealer</li> <li>List of Medical Shops.</li> <li>List of traders dealing with temporary shelters materials.</li> <li>Diversion of essential commodities to affected pockets as &amp; when requisition</li> <li>Coordination with the office of the District Collector</li> </ul>		
Executive Engineer- PHED	<ul> <li>Communication establishment with District and Block/ Tahasil Control Rooms and departmental offices within the division</li> <li>An officer to be appointed as Nodal Officer</li> <li>Arrangement of water tankers and other temporary means of distribution and storage water</li> <li>Adequate arrangement to provide water to relief camps/ affected villages, alternative water supply arranged in feeding centers/ cattle camp etc.</li> <li>Disinfections of water bodies</li> <li>Identification of appropriate portable water supply</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>		
SOUTHCO	<ul> <li>Communication establishment with District and Block/ Tahasil control room and departmental officers within the division</li> <li>An officer to be appointed as nodal officer</li> <li>Standby arrangements for temporary electric supply or generator</li> <li>Inspection &amp; repair of high-tension lines/sub-stations/transformers/pole</li> <li>Clearing of damaged poles/ salvaging of conductors and insulators</li> <li>Identification of materials required for response operation</li> <li>All staff informed about the disasters, likely damages and effects</li> </ul>		



Name of the Department/Offices	Normal Time		
BDOs and Tahasildars	<ul> <li>Vulnerability map of the Block/ Tahasil</li> <li>List of cut off areas with safe/ alternative route map</li> <li>Identification and management of shelter camps</li> <li>List of storage facilities dealers of food</li> <li>Control room set up/ assignment of control room duty</li> <li>Pro-positioning of staff for site operation centers</li> <li>Arrangement of alternative communication/ generator sets etc.</li> <li>Dissemination of warning/ coordination with District Control Room</li> <li>Ensuring coordination with GP/ RI/ village committee</li> </ul>		
Civil Supply Officer	<ul> <li>Identification of inaccessible pockets at Blocks.</li> <li>Keeping list of whole sell traders of local market.</li> <li>List of storage agents with quantity of monthly allotment &amp; uptake.</li> <li>Detail data on beneficiary / Annapurna Scheme</li> <li>List of Petrol pump dealer</li> <li>List of Medical Shops</li> <li>List of traders dealing with temporary shelters materials</li> <li>Diversion of essential commodities to affected pockets as &amp; when requisition</li> </ul>		

### 9.11 I.D.R.N. (India Disaster Resource Network):

It is a web based information system for managing the inventory of "Equipment, Skilled human resources and Critical Supplies" for emergency response. It is initiated by Ministry of Home Affairs (MHA), Government of India, who has been managing the IDRN portal since June, 2008. The District Authorities are authorized for uploading and updating the data after collecting it from various line departments of their respective districts.

The information available in I.D.R.N. portal can be effectively put to use at the time of emergency relating to various calamities/ exigencies. The portal Id is: <a href="http://www.idrn.gov.in">http://www.idrn.gov.in</a>. Authorized district official can access this information. Hence it is inevitable that all Govt. and non-Govt. stake holders have to constantly keep on providing information on quarterly basis regarding their equipments, manpower and critical supplies.

A table containing availability of some important equipments and supplies and list of boat owners, Pvt. Hospitals & Ambulance services is provided in Chapter no.-04 vide para-4.18.

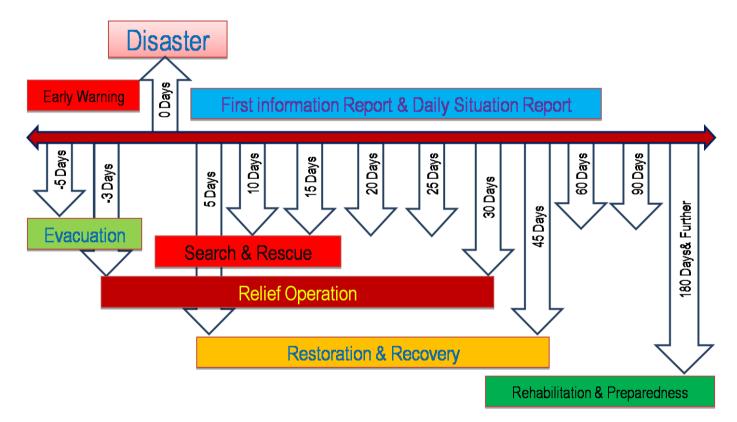




### **RESPONSE:**

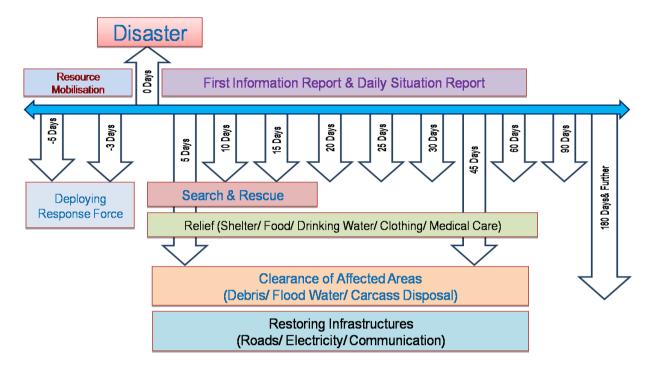
Response refers to activities done for handling disaster to bring the situation to normalcy not exceeding fifteen days from the abatement of disaster. The onset of an emergency creates the need for time sensitive actions to save life and property, reduce hardships and suffering, and restore essential 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. An effective response plan essentially outlines the strategy and resources necessity for search, rescue and evacuation activities.

#### Timeline of Response Phase





## Timeline of Relief Management



### 10.1.1 Response: District:

Task	Activity		
Warning Communication	<ul> <li>Warning dissemination to the list of Nodal person &amp; concerned BDOs</li> <li>Recording the receipt of information &amp; regular Status update</li> <li>Transmitting updates to SEOC in regular interval as instructed</li> </ul>		
Meeting of DDMA (Heads of the department & stakeholder)	<ul> <li>Collector to take up a department coordination meeting &amp; distribute works among all the Departments</li> <li>Collector issues circular to keep government offices open cancelling all holidays</li> <li>A fixed time to be finalized every day for reporting at all level</li> <li>A nodal officer is identified for media management</li> <li>Circulate the minutes of the meeting with clear-cut role and responsibility</li> </ul>		
Pre-positioning of staff, resources & Evacuation	<ul> <li>Identifying &amp; designating Nodal Officer for different stages of disaster &amp; affected areas.</li> <li>Positioning of ODRAF/NDRF/Fire Services/ Police/Home Guard in the affected areas</li> <li>Pooling Volunteer services (Civil Defence/Task Force/NCC/NSS/Scout &amp; Guide)</li> <li>Take stake of required materials for search &amp; rescue, first aid, casualty management, evacuation, relief etc.</li> <li>Make necessary arrangements of shelters for evacuation</li> <li>Constitute a special team for special care to vulnerable section like Specially abled, Sr. Citizen, Pregnant &amp; lactating women, Infants &amp; children etc.</li> </ul>		



Task	Activity		
Response	<ul> <li>EOCs to Ensure back up power/fuel/internet/communication at Dist/Dept. &amp; Block levels</li> <li>Response force under guidance of Nodal officers ensure complete Evacuation (Human/ Animal), carry out Search &amp; Rescue and clear relief lines</li> <li>Collector to submit requisition of vehicle/boat/ helicopters &amp; list of support from State &amp; Centre to all concerned authorities</li> <li>CSO to store required relief materials, Chhuda, Gur and Dry Foods in the nearby storage points</li> <li>CDVO to store, transport &amp; distribute required fodders for animals to the affected areas</li> <li>Flood shelter committee &amp; Village Disaster management committee to organize free kitchen in the shelters with help of revenue department</li> <li>EE- RWSS &amp; CDMO to ensure supply of drinking water, disinfection of water &amp; maintain health &amp; hygiene in the shelters</li> <li>CDMO to carry out first aid &amp; casualty management</li> <li>Collector to collect &amp; transmit First Information Report (FIR) &amp; Daily Situation Report as per requirement</li> </ul>		

### 10.2 Response: Community Level:

#### Activity

- DEOC to disseminate warning communication to BEOC and community
- Response force to ensure power/fuel/internet/communication at shelters back up
- Supply inspectors and marketing inspectors to distribute relief materials with response force, task force and volunteers
- Response force to carry out Search & Rescue measures, emergent relief operation, relief line clearance, distribution of relief
- Doctors to carry out first aid & casualty management, carcass disposal & sufficient mortuary facility in the affected areas

### 10.3 Response: Family & Individual Level:

Task	Activity		
Response	Listen to the instruction of the response force & warnings		
	Economic use of "Ready to go Emergency Kit" Ready to go First Aid		
	Kit		
	Cooperate the response force/officers & render volunteer service if		
	asked for		
	Maintain cleanliness & hygiene at shelter		



# 10.4 Response: Standard Operating Procedures for Departments :

(SOP Prepared and Shared with the Departments for Confirmation)

Name of the Department	On Receiving Warning	Response Time	Post Disaster
Collector / ADM / Emergency Officer - R&DM	<ul> <li>Review the situation in DDMC</li> <li>Activate EOC &amp; Early Warning</li> <li>Work distribution for operation</li> <li>Circular to keep offices open</li> <li>Arrange vehicle &amp; activate Evacuation (Normal/Forceful)</li> </ul>	<ul> <li>Activate Search &amp; Rescue</li> <li>Arrange temporary shelters</li> <li>Arrange logistics in shelters</li> <li>Workout financial estimates (evacuation / relief /recovery)</li> </ul>	<ul> <li>Activate relief line clearance</li> <li>Proper relief Distribution</li> <li>Start damage assessment</li> <li>Facilitate Ex-gratia &amp; Compensation</li> <li>Start primary damage estimate</li> <li>Pool resources for SAR/shifting of critical patients</li> </ul>
CDM & PHO - F&FW	<ul> <li>Disseminate the alert to all concerned (Staff list)</li> <li>Arrangement of medicine, First aid kits &amp; teams</li> <li>Mobile Health units for inaccessible pockets</li> <li>Identifying &amp; shifting patients requiring intensive care to safer places</li> <li>Supply of medicines &amp; pre-positioning of medical teams to vulnerable areas</li> <li>Vaccination for prevention of communicable diseases</li> <li>Measures to dis – infect drinking water</li> <li>Availability of Blood Banks/Ambulance</li> </ul>	<ul> <li>Mass Casualty         Management units         &amp; Triage</li> <li>First Aid Centers</li> <li>Medical surgical         teams</li> <li>Adequate mortuary         facility</li> <li>Measures to shift         patients requiring         intensive care</li> <li>Pool of Blood         donors (Preferably         each group)</li> <li>Additional         laboratories</li> <li>Carcass disposal         team &amp; units</li> </ul>	<ul> <li>Psycho-Social         Counselling</li> <li>Post Disaster Disease         surveillance system</li> <li>Special attention to         vulnerable section</li> <li>Networking with &amp;         promote treatment in         Private Hospitals</li> <li>Carcass Management &amp;         Issuance of Death         Certificate</li> </ul>



Name of the Department	On Receiving Warning	Response Time	Post Disaster
Superintendent of Police - Home	<ul> <li>Attend the emergency meeting at the DEOC</li> <li>Check the police communication network be in operative</li> <li>Issue alert to the resources to prepared for movement to the affected areas</li> </ul>	<ul> <li>Send the search and rescue teams as per the Incident Action Plan</li> <li>Maintain law and Order in the affected area</li> <li>Ensure the safety of the people and property of the affected areas</li> <li>Mange and restore traffic movement in the area</li> </ul>	administration in removing the dead bodies and the debris in the affected area
EE - RWS&S	<ul> <li>Meet in the DEOC for preparing for the disaster</li> <li>Alert all the departmental teams to be ready</li> <li>Prima facie evaluation of situation and allocation of resources</li> <li>Disseminate the warning to the public and issue advisory accordingly</li> </ul>	<ul> <li>Participate in the DEOC meeting and preparation of the Incident Action Plan</li> <li>Send operation teams as per the situation to the affected areas and their monitoring</li> <li>Mobilize the resources as per the need the affected areas</li> </ul>	and reconstruction of the affected area
EE - Irrigation Division - WR	<ul> <li>Alert DEOC and the district teams</li> <li>Watch the behaviour of the flood pattern and be in touch with the DEOC</li> </ul>	<ul> <li>Mobilize the resources as per the need to the affected areas</li> <li>Participate in the DEOC meeting and preparation of the Incident Action Plan</li> <li>Send the operation teams as per the situation to the affected areas and their monitoring</li> </ul>	<ul> <li>Participate in the recovery and reconstruction of the affected</li> <li>Assessment of the damage</li> <li>Start the repair and restoration works immediately</li> </ul>
DAO-Agriculture & FW	<ul> <li>Depute one responsible officer to DEOC</li> <li>Inform the farmers regarding dos and don'ts</li> <li>Check and procure the materials which are required after the disaster</li> </ul>	<ul> <li>Mobilize the resources as per the need to the affected areas</li> <li>Estimate the requirements of the seeds and material required to mitigate the loss</li> </ul>	crops  Take Measures to recoup the crop loss  Assist farmers to sow the less time period crop to recover the loss



Name of the Department	On Receiving Warning	Response Time	Post Disaster
EE - RD	<ul> <li>Send the nodal officer attend the meeting of DEOC for preparation</li> <li>Issue warning and alert to be ready to respond</li> <li>Prima facie evaluate the situation and allocate the resources accordingly.</li> </ul>	<ul> <li>Send the resources to assist the search and rescue teams</li> <li>Send the Infrastructure restoration teams to the affected areas</li> <li>Restore the roads to the motor able conditions</li> </ul>	<ul> <li>Carry out the detail technical assessment of the affected areas and prepare the recovery plan</li> <li>Repair and reconstruction of the buildings and roads</li> <li>Construct temporary shelters in the affected areas</li> </ul>
EE - R&B	<ul> <li>Send the nodal officer attend the meeting of DEOC for preparation</li> <li>Positioning of resources to the affected areas</li> <li>Issue warning and alert to be ready to respond</li> </ul>	<ul> <li>Send the Infrastructure restoration teams to the affected areas</li> <li>Send the resources to assist the search and rescue teams</li> <li>Restore the roads to the motor able conditions</li> </ul>	<ul> <li>Construct temporary shelters in the affected areas</li> <li>Repair and reconstruction of the buildings and roads</li> <li>Carry out the detail technical assessment of the affected areas and prepare the recovery plan</li> </ul>
DTO - Telecom	<ul> <li>Meet in the DEOC for preparing for the disaster</li> <li>Alert all the departmental teams to be ready for eventualities</li> <li>Prima facie evaluate the situation &amp; allocate the resources accordingly</li> <li>Disseminate warning to the general public and issue of advisory</li> </ul>	<ul> <li>Send the different operation teams as per the situation to the affected areas</li> <li>Mobilize the resources as per the need to the affected areas</li> <li>Arrange for alternative communication networks</li> </ul>	<ul> <li>Carry out the detail technical assessment of the affected infrastructure and prepare the recovery plan and implement it</li> <li>Repair and restore the communication network</li> <li>Assessment of the damage</li> </ul>
CDVO - ARD	<ul> <li>Disseminate the alert to all concerned</li> <li>Arrangement of medicine, first aid kits &amp; teams</li> <li>Mobile veterinary units for inaccessible pockets</li> <li>Identifying &amp; shifting patients requiring intensive care to safer places</li> <li>Supply of medicines prepositioning of veterinary teams to vulnerable areas</li> <li>Vaccination for prevention of communicable diseases</li> <li>Measures to disinfect drinking water</li> </ul>	<ul> <li>Mass Causality management units &amp;Triage</li> <li>First aid centres</li> <li>Mobile veterinary unit.</li> <li>Measures to shift patients to VD</li> <li>Additional laboratories</li> <li>Carcass disposal team &amp; units</li> </ul>	<ul> <li>Post Disaster Disease surveillance system</li> <li>Special attention to vulnerable section</li> <li>Networking with &amp; promote treatment with NGO (BAIF &amp; JK)</li> <li>Carcass disposal</li> </ul>



Name of the Department	On Receiving Warning	Response Time	Post Disaster
RTO - Transport	To depute the officer to DEOC at the time of warning  Ensure the transportation teams along with the resources is ready to respond	<ul> <li>Arrange and organize the transport for the movement of the emergency support functions teams</li> <li>Organize and facilitate the supply of the essential commodities and evacuation of the affected people</li> <li>Organize transportation for the supply of relief material to the affected areas</li> </ul>	<ul> <li>To assist in the transportation of the reconstruction materials</li> <li>Deployment of different vehicles to assist in reconstruction works</li> </ul>
DFO (T) - Forest & Environment	<ul> <li>Depute one officer for DEOC.</li> <li>Rush the forest fire teams to the affected areas</li> <li>Issue of alert warnings to the general public</li> </ul>	<ul> <li>Send different operation teams to the affected areas and their monitoring</li> <li>Mobilize the resources as per the need to the affected areas</li> </ul>	Participate in the recovery
EE - Southco Utility	<ul> <li>Meet in the DEOC for preparing for the disaster</li> <li>Alert all the departmental teams to be ready for such eventualities</li> <li>Prima facie evaluation of the situation and allocation of the resources</li> <li>Dissemination of warning to the general public and issue of advisory</li> </ul>	<ul> <li>Resource         mobilization as per         the need of the         hour to the affected         areas</li> <li>Alternate power         supply arrangement         to critical service         areas</li> <li>Arrangement of         quick response         teams at the         affected area</li> </ul>	affected area



Name of the Department	On Receiving Warning	Response Time	Post Disaster
EE - PHED	<ul> <li>Meet in the DEOC for preparing for the disaster</li> <li>Issue of alert to the departmental teams</li> </ul>	<ul> <li>Participate in the DEOC meeting and preparation of the Incident Action Plan</li> <li>Send operation teams as per the situation to the affected areas and their monitoring</li> <li>Mobilize the resource as per the need the affected areas</li> </ul>	<ul> <li>drinking water supply system</li> <li>Ensure the safe drinking water supply</li> <li>Start disinfection works immediately</li> <li>Assessment of the damage</li> </ul>
DEO - School & Mass Education	<ul> <li>Meet in the DEOC for preparation</li> <li>Aware to the students and staffs</li> <li>Display of does &amp; doesn't</li> <li>Issue of alert to the departmental teams</li> </ul>	<ul> <li>Provide First Aid</li> <li>Immediate referral to the AWW/Health Worker/Nearest Medical Officer</li> <li>Mobilize the resources as per the need the affected areas</li> </ul>	<ul> <li>Prepare recovery plan</li> <li>Assessment of the damage</li> <li>Participate in the process of psycho-social recovery of the students and community</li> </ul>



#### 10.5 Format for First Information Report (FIR):

#### ON OCCURRENCE OF NATURAL CALAMITY

(To be sent to the Special Relief Commissioner, Odisha within/maximum 18 hours of occurrence of calamity)

Fro	om: District -	Date of Report:	
110	m. Diffict	Dute of Report.	
То	The Special Relief Commissioner, Odisha State Emergency Operation Centre (SEOC), Rajiv Bhawan, Ground Floor, Unit-5, Bhubaneswar Fax No: 0674-2534176 E-mail: relief sr@yahoo.com& src@ori.nic.in		
a.	Nature of Calamity:		
b.	Date and time of occurrence :		
c.	Affected area (number and name of affected Blocks):		
d.	Population affected (approx.):		

- Dead:
- Missing:

e. Number of Persons

Injured :

- f. Animals
- Affected:

Lost:

- g. Crops affected and area (approx. in hect.):
- h. Number of houses damaged:
- i. Damage to public property:
- j. Relief measures undertaken in brief:
- k. Immediate response & relief assistance required and the best logistical means of delivering that relief from State/National:
- 1. Forecast of possible future developments including new risks:
- m. Any other relevant information:

Authorised Signatory
District Emergency Operation Centre
(DEOC), District: Ganjam

NB: The Districts will submit a detailed report on each of the above points as soon as possible after submission of the above First Information Report (FIR).



## 10.6 <u>Daily Status Report on Relief/ Restoration Measures Undertaken by Departments:</u>

1.		
		Health Department
		Medical Relief Centres Opened:
		Mobile teams deployed:
		Wells disinfected:
		ORS distributed:
		Halogen Tablets distributed:
		Minor Ailment Treated :
2	•	RD Department.
		Mobile vans deployed:
		Water tanker deployed:
		ORS powder distributed:
		Halogen Tablets distributed:
		Water pouches distributed:
		Bleaching powder distributed:
		Sintex Tanks available:
		Tube wells disinfected:
3	•	FS & CW DepartmentQtls. Chuda, Qtls. Gur supplied to Blocks

District	Chuda (Qty.in quintals)	Gur (Qty.in quintals)

Blocks	Quantity allocated (in quintal)	
Total		

- 3. Fisheries& ARD Department
  - Animals vaccinated:
  - Animals treated:



## Damages to Roads/River Embankments

### 1. R.D. DEPARTMENT

Roads damaged :

CD/Breach occurred :

Breach closed :

Building damaged :

Building collapsed :

Pipe water supply affected :

Tube Wells affected :

## 2. Works Department

Roads damaged :

Breach occurred :

CD works damaged :

CDs washed away :

Breach closed :

### 3. <u>Water Resources Department</u>

Breach occurred :

Breaches closed :

Breach closing works in progress





#### **REHABILITATION & RESTORATION:**

Rehabilitation and restoration 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 redress and social rehabilitation etc.

The district is at 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 Disaster Management Authority reviews the relief measures and submits financial requisition to the state government under SDRF & NDRF. The requisition must reach the SDMA & SRC office in the prescribed format as detailed below for smooth & quick processing.

### 11.1 Standard Operating Procedure: Restoration & Rehabilitation:

(SOP Prepared and Shared with the Departments for Confirmation)

Name of the Department	Normal Time
Collector / ADM / Emergency Officer - R&DM	<ul> <li>Restoration of Critical Infrastructures to bring situation to normalcy</li> <li>Ensure Restoration of roads &amp; channels, Communication network, Electricity &amp; Energy</li> <li>Ensure health in the affected areas</li> <li>Adopt sustainable mitigation measures in the restoration activities</li> </ul>
CDM & PHO - F&FW	<ul> <li>Carry out Disease surveillance measures to check epidemic prone diseases</li> <li>Disinfection of drinking water &amp; measures for health &amp; hygiene</li> <li>Rehabilitation of deprived &amp; destitute</li> <li>Carry out Trauma &amp; Psycho-social counselling</li> </ul>
Superintendent of Police - Home	<ul> <li>Maintain Law and order in the affected/evacuated area villages and at shelters</li> <li>Help and coordinate the search and rescue operation with other SAR agencies</li> <li>Ensure protection of the property and valuables of the affected families</li> <li>Provide assistance to people who are in a position to move from relief camps to their places where ever normalcy returns</li> </ul>



Name of the Department	Normal Time
EE - RWS&S	<ul> <li>Immediate restoration of the drinking water</li> <li>Monitoring of water quality and determination of the chlorine residual in public water supplies</li> <li>Damage assessment and take actions for long term safe water system in the vulnerable areas</li> <li>Repair and reconstruction of the drinking water supply, sanitation and sewerage systems</li> </ul>
EE - Irrigation Division - WR	<ul> <li>Assessment and restoration of the damaged infrastructures</li> <li>Safe guard agriculture by making temporary restoration arrangements to the affected irrigation sources</li> <li>Construction of dams, check dams and irrigation/drainage canals for long term irrigation purpose</li> <li>Suggest measures for strengthening the river banks and canal bunds to avoid breaches</li> </ul>
DAO - Agriculture & FW	<ul> <li>Quantify the losses of the crops and the measures to be taken to recoup the same</li> <li>Assist the farmers to sow the less time period crop to recover the loss</li> <li>Execute the schemes to eliminate the drought effects</li> <li>Provide suitable technicaladvice to the vulnerable cropped area</li> </ul>
EE - RD	<ul> <li>Carry out the detail technical assessment of the affected areas and preparation of recovery plan</li> <li>Construct the temporary shelters in the affected areas</li> <li>Repair and reconstruction of the damaged buildings</li> <li>Creation of alternate road network connects vulnerable areas and selected nodal centres</li> </ul>
EE - R&B	<ul> <li>Sanction and entrustment of temporary restoration works</li> <li>Immediate restoration of the affectedinfrastructure i.e. roads, bridges, lifeline buildings etc.</li> <li>Assessment of damages and reporting in higher authorities and preparation of its estimations</li> <li>Creation of reliable road network connects vulnerable areas and selected nodal centres</li> </ul>
DTO - Telecom	<ul> <li>Quick assessment of damages to communication network</li> <li>Immediate restoration of temporary communication facilities</li> <li>Adopt sustainable measures to protect telecom infrastructure in the damage prone areas</li> <li>Bring normalcy in the affected area and development of capacities</li> </ul>



Name of the Department	Normal Time
CDVO - ARD	<ul> <li>Carry out Disease surveillance measures to check epidemic prone disease</li> <li>Disinfection of drinking water and measures for health &amp; hygiene of livestocks</li> <li>Rehabilitation of deprived and destitute livestocks</li> <li>Carry out Treatment and extension programme</li> </ul>
RTO - Transport	<ul> <li>Assist in transportation of the reconstruction materials</li> <li>Restoration of transportation facilities</li> <li>Rectification of hazard prone zones and adopt risk coverage</li> <li>Enforcement of traffic rule and road safety standards in affected areas</li> </ul>
DFO (T) - Forest & Environment	<ul> <li>Assessment of the affected areas and preparation of recovery plan and implementation</li> <li>Adoption of effective measures to bring normalcy in the forest and ecology</li> <li>Plantation of trees in the affected area and adopt preventive measures for minimising resource loss</li> <li>Adopt sustainable mitigation measures in the restoration activities</li> </ul>
EE - Southco Utility	<ul> <li>Carry out the detail technical assessment of electrical infrastructures and preparation of estimates</li> <li>Arrangement of temporary power supply to the affected areas and to temporary shelter homes</li> <li>Restoration of long term sustainable measures in the damage prone areas</li> <li>Take effective measures to bring normalcy in power supply system</li> </ul>
EE - PHED	<ul> <li>Constitution of teams for damage assessment and immediate restoration of drinking water</li> <li>Monitoring of water quality and determination of the chlorine residual in public water supplies</li> <li>Appropriate actions for long term safe water system in the vulnerable areas</li> <li>Repair and reconstruction of the drinking water supply systems</li> </ul>
DEO - School & Mass Education	<ul> <li>Identification and preparation of list of children affected in disaster</li> <li>Arrangement of safe stay homes for the orphans and adoption of rehabilitation programmes</li> <li>Damage assessment for repair and reconstruction of school infrastructures</li> <li>Make attempt to bring the socio economic life back to normal in the affected areas</li> </ul>



### 11.1.1 <u>Damage Loss Assessment:</u>

Sector	Damage in Physical terms	Requirement of funds for repair of immediate nature	Out of (3) amount available from annual budget	Out of (3) amount available from related schemes/ programmes / other sources	Out of (3) amount proposed* to be met from SDRF/ NDRF as per the list of works indicated in the revised items & norms
Roads & Bridges					
Drinking water Supply works (Rural)					
Drinking water Supply works (Urban)					
Irrigation					
**Power					
Primary Health Centres					
Community assets in social sectors covered by Panchayats					

# 11.3 Calculation of Assistance for Agricultural Input Subsidy-SMF

(Rs. In lakh)

	3	2	1	SI. No.					
Total				Name of the Block					
				Area held by SMF(in	Ha.)				
				Total Agricultural a Affected[inHa.]	rea				
				Total agricultural area where croploss is > 50%					
				Irrigated [in Ha.]	33%				
				Rainfed [in Ha.]	Crop Loss 33% & above				
				Perennial	oove				
				@Rs.13,500/- per	Е				
				Rainfed @Rs.6800/- per Ha.	Expenditure incurred				
				Perennial@ Rs.18000/- per Ha.	ture ed				
				Total					

# 11.4 Agricultural Input Subsidy- Farmers other than SMF:

Farmers Affected First Year

(Rs. in lakh)

					7 10	
	4	3	2	1	SI.	
Total					Name of the Block	
					Area held by farme other than SMF (ir Ha.)	
					No. of Farmers	
					Irrigated area in Ha.	
					Amount spent @ Rs.13,500/- per Ha.	
					Rainfed Area in Ha.	Cro
					Amount spent @ Rs.6800/- per Ha.	Crop loss > 33%
					Perennial Area in Ha.	33%
					Amount Spent @ Rs.18000/ per Ha.	
					Total Amount Spent	





### 11.5 Farmers Affected by Successive Calamities:

(Rs. in lakh)

			Crop loss > 33%									
SSI. No.	Name of the Block	Area held by farmers other than SMF (in Ha.)	No. of Farmers	Irrigated area in Ha.	Amount spent @ Rs.13,500/- per Ha.	Rainfed Area in Ha.	Amount spent @ Rs.6800/- per Ha.	Perennial Area in Ha.	Amount Spent @ Rs.18000/ per Ha.	Total Amount Spent		
1												
2												
3												
4									_			
5												
	Total											

### 11.6 <u>Animal Husbandry (Replacement of Animals)</u>

Name ofthe Block	Birds los	ivestock/ s lost Praught Animal			No of animals qualifying for relief grant (i.e., subject to ceiling of 3 large milch animal or 30 small milch animals or 3 large draught animal or 6 small draught animal per household  Milch Draught Animal Animal			Expenditure incurred (Milch animals @ Rs.30,000 for large animal, Rs.3000 for small animals & Draught animals @ Rs 25000 for large animal, Rs. 16,000 for small animals)  Milch Draught Anim Animal				50/- per bird subject to a ceiling of assistance of Rs.5000/- per beneficiary household	Total expenditure(11+12+13+14+15) in Rs.		
	Buffalo/ Cow Sheep/ Goat Camel/ Horse/ Bullock Calf/ Donkey/ Pony Poultry Birds			Poultry Birds	Buffalo/ Cow	Sheep/ Goat	Camel/ Horse/ Bullock	Calf/ Donkey/ Pony	Buffalo/ Cow	Sheep/ Goat	Camel/ Horse/ Bullock	Calf/ Donkey/ Pony	Poultry @ 50/- per bird Rs.5000/- pe	Total expenditur	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
TOTAL															



### 11.7 <u>Assistance Sought for Repair/ Restoration of Damaged Houses:</u>

(Rs. in lakh)

			Fı	ully I	Dama Dai	aged, mage		erely	′		Dart	ially				Catt	le shed	
		Plain Areas			as	Hilly Areas			(15	Partially (15% & More)			Huts		attached with house			
SI. No.	District		Amount @ Rs 95100/-	Kutcha	Amount @ Rs 95100/-	Pucca	Amount Rs101900/-	Kutcha	Amount @ Rs 101900/-	Pucca	Amount @ Rs5200/-	Kutcha	Amount @ Rs3200/-	Nos.	Amount @ Rs4100/-	Nos.	Amount @ Rs4100/-	TOTAL
	Total																	

### 11.8 <u>Assistance for Provision for Temporary Accommodation, Food, Clothing & Medical Care :</u>

		day) of	n of camps	eople day in os	Expenditure incurred on (Rs. in lakh)						
SI. No	Name of the District	Average No. (in a day) of relief camps	Average duration of operation of relief camps	Average No. of people accommodated per day in the relief camps	Temporary Accommodation	Food	Clothing	Medical Care	Total Expenditure		
	Total										



### 11.9 <u>Extent of Damage due to Natural Calamities</u>:

District: Nature and Period of Natural Calamity:

SI. No.	ltem	Details
1.	Total number of Blocks in the district	
2.	Number and names of Blocks affected	
3.	Number of villages affected	
4.	Population affected (in lakh)	
5.	Total land area affected (in lakh ha.)	
6.	Cropped area affected (in lakh ha)	
	i) Total cropped area affected	
	ii) Estimated loss to crops (Rs. in lakh)	
	iii) Area where cropped damage was more than 33%	
7.	Percentage of area held by SMF	
	i) In the State as a whole	
	ii) In the affected districts	
8.	House damaged	
	a) No. of houses damaged	
	i) Fully damaged pucca houses	
	ii) Fully damaged kutch houses	
	iii) Severely damaged pucca houses	
	iv) Severely damaged kutcha houses	
	ν) Partly damaged houses (pucca + kutcha)	
	vi) No. of huts damaged	
	b) Estimated value of damage to houses (Rs. in lakh)	
9.	No. of human lives lost	
	No. of persons with grievous injuries	
	No. of persons with minor injuries	
10.	Animal lost	
	a) No. of big animals lost	
	b) No. of small animals lost	
	c) No. of poultry (birds) lost	
11.	Damage to public properties	
	a) In physical terms (sector wise details should be given - e.g. length of	
	State roads damaged, length of districts roads damaged, length of village	
	roads damaged, No. of bridges damaged, No. of culverts damaged, No. of	
	school buildings damaged etc.)	
	b) Estimated value of the damage to public properties	
	Estimated total damage to houses, crops and public properties	



# 11.10 Format for Working out the Requirements under the Head of Repair of Damaged Infrastructure of Immediate Nature

(Rs. In lakh)

Sec	tor	Damage in physical terms	Requirement of funds for repair of immediate nature	Out of (3), amount available from annual maintenance budget	Out of (3), amount available from related schemes/programs/other sources	Out of (3), amount proposed to be met from CRF/NCCF in accordance with list of works indicated in the Appendix to the revised items and norms
	PWD Roads	No. of breaches- Length of Road damaged – No. of culverts damaged – No. of culverts washed away –				
	Rural Roads	No. of Roads damaged – Length of Road damaged – No. of breaches – No. of CD/Bridge damaged– No. of CD/Bridge washed away –				
Roads &	Urban Roads	Length of drain damaged – Length of Road damaged No. of culverts damaged –				
Bridges	Panchayat Roads	No. of Roads damaged – Length of breaches – Length of Road damaged – No. of culverts damaged – No of culverts washed away				
	River/Canal Embankment Roads	No of Roads damaged in rive embankments— Length of Road damaged in rive embankments— No of Roads damaged in can embankments— Length of Road damaged in can embankments—				
Drinking Water Supply	Rural Water Supply	No of Tube wells damaged – No of platforms damaged – No. of Rural pipe water supp system damaged -				
	Urban Water Supply					



Sec	tor	Damage in physical terms	Requirement of funds for repair of immediate nature	Out of (3), amount available from annual maintenance budget	Out of (3), amount available from related schemes/programs/other sources	Out of (3), amount proposed to be met from CRF/NCCF in accordance with list of works indicated in the Appendix to the revised items and norms
Irrigation	River Embankment	No of breaches – Length of breach in Km – No of partial damage -				
	Canal Embankment	No of breaches – Length of breach in Km – No of partial damage -				
	MI projects	No of Minor Irrigation projects damaged-				
	Clearance of Drainage channels	Length of drainage channels congested with vegetative materials –				
Primary Education	Primary School Buildings	No of Primary School buildings damaged -				
PHCs	PHCs	No of Primary Health Centersdamaged -				
Community assets owned by Panchayats	Community Halls	No of Panchayat Ghar/Community Hall damaged				
	AWWCenters	No of AnganwadiCenters damaged -				
Power	Electrical lines	No of Primary sub-stations damaged - 33 KV lines damaged – 11 KV lines damaged – Distribution Transformers damaged – LT lines damaged –				
Total						





### **RECOVERY:**

A series of long term activities framed to improve upon the repaired activities in the Reconstruction & rehabilitation phase are covered under Recovery phase. Recovery includes all aspects of mitigation and also incorporates the continuation of the enabling process, which assists the affected persons and their families not only to overcome their losses, but also to achieve a proper and effective way to continue various functions of their lives. The Recovery process is therefore a long-terms process in which everyone has a role – the Government including the PRI members, NGOs and especially the affected people, their families and the community.

- ✓ Preparation of Recovery plan for displaced population, vulnerable groups, environment, livelihoods.
- ✓ Organize initial and subsequent technical assessments of disaster affected areas and determine the extent of recovery works necessitated in addition to reconstruction & rehabilitation works.
- ✓ Evaluate the extent of works under SDRF/NDRF & other sources(damaged infrastructures)
- ✓ Explore opportunities for external aids like (International Agencies / Civil Society / Corporate Sector)
- ✓ Allocate funds for the stabilisation of the repaired & reconstructed infrastructure.
- ✓ Integrate Climate change & Disaster Risk Reduction features in the recovery programmes
- ✓ The DM & Collector will be the co-ordinator of all Recovery activities in the District.

### The role of the DM & Collector will be to:

- ✓ Generally monitor the management of the recovery process;
- ✓ Ensure implementation of the recovery plan by line departments, blocks
- ✓ Effective service delivery minimizing overlap and duplication.



### **FINANCIAL ARRANGEMENT:**

### 13.1 National Disaster Response Fund (NDRF):

The National Disaster Response Fund (NDRF) has been constituted by the Government of India as per the sub-sections (1) of section (46) of Disaster Management Act, 2005 and recommendation of the 13th Finance Commission. NDRF has been constituted by replacing the National Calamity Contingency Fund (NCCF). It is administered by the National Executive Committee (NEC).

In the event of a calamity of a severe nature when the State Disaster Response Fund (SDRF) is insufficient to meet the relief requirements, additional central assistance is provided from NDRF, after following the laid down procedure. The State Government is required to submit a memorandum indicating the sector-wise damage and requirement of funds. On receipt of memorandum from the State.

An Inter-Ministerial Central Team is constituted and deputed for an on the spot assessment of damage and requirement of funds for relief operations, as per the extant items ad norms.

The report of the Central Team is considered by the Inter-Ministerial Group (IMG) / A Sub-committee NEC constituted under section 8 of DM act, 2005, headed by the Home Secretary.

Thereafter, the High Level Committee (HLC) comprising of the Finance Minister, the Agriculture Minister, the Home Minister and the Deputy Chairman, Niti Ayog considers the request of the State Government based on the report of the Central Team recommendation of the IMG thereon, extant norms of assistance and approves the quantum of assistance form NDRF.

This is, however, subject to the adjustment of 75% of the balance available in the State's SDRF for the instant Calamity.

### 13.2 <u>State Disaster Response Fund (SDRF)</u>:

As per the provisions of Disaster Management Act, 2005 sub-section (1)(a) of Section (48) and based on the recommendation of the 13th Finance Commission, the Government of Odisha has constituted the State Disaster Response Fund (SDRF) replacing the Calamity Relief Fund (CRF). The amount of corpus of the SDRF determined by the 13th Finance Commission for each year the Finance Commission period 2010-15 has been approved by the Central Government. The Central Government contributes 75% of the said fund. The balance 25% matching share of contribution is given by the State Government. The share of the Central Government in SDRF is released to the State in 2 installments in June and December respectively in each financial year. Likewise, the State Government transfers its contribution of 25% to the SDRF in two installments in June and December of the same year.



Ministry of Home Affairs, upon being satisfied that exigencies of a particular calamity so warrant, may recommend an earlier release of the Central share up to 25% of the funds due to the State in the following year. This release will be adjusted against the installments of the subsequent year.

As per the Guidelines on Constitution and Administration of the State Disaster Response Fund (SDRF) laid down by the Ministry of Home Affairs, Government of India, the SDRF shall be used only for meeting the expenditure for providing immediate relief to the victims of cyclone, drought, earthquake, fire, flood, tsunami, hailstorm, landslide, avalanche, cloud burst and pest attack. The State Executive Committee (SEC) headed by the Chief Secretary SEC decides on all matters connected with the financing of the relief expenditure of immediate nature from SDRF.

### 13.3 Chief Minister Relief Fund (CMRF);

Chief Minister's Relief Fund aims to provide assistance to calamities and in distress condition, to indigent persons suffering from critical ailments and to undertake charitable activities for public welfare.

### 13.3.1 Cases Eligible for Assistance under CMRF

### 13.3.1.1 Poor and persons in distress:

Relief to the poor, including grant and aid (financial or otherwise) to persons in distress.

### 13.3.1.2 Aged, differently able, orphans, AIDS affected:

Assistance for the relief and rehabilitation of the aged, differently able' orphans, HIV/AIDS affected persons/families and those otherwise differently able or incapable of earning their livelihood, by grant and aid (financial and otherwise) and / or maintenance, establishment and support of institutions and homes for the benefit of such persons.

### 13.3.1.3 Persons affected by calamities or violence:

Assistance for relief & rehabilitation of persons affected by natural or man-made calamities, communal violence', naxal violence or public disorder of a serious nature or any other calamity' affecting a family or a community, which deserves extreme compassion and not covered under any existing assistance scheme of State/central Government.



### 13.3.1.4 <u>Assistance for Rural Development</u>:

Financial assistance out of CMRF may also be considered to undertake, promote, aid or otherwise support rural development including any programme for promoting the social and economic welfare of the public in any rural area either directly or through an independent agency following due procedure.

To assist more number of deserving person and for better utilisation of the Chief Minister's Relief Fund, the State Government have delegated powers to the Collectors for sanction of assistance out of CMRF so as to extend such assistance to the deserving persons immediately at the time of their need.

### 13.4 Release of Funds to Departments and Districts:

Funds required towards pure relief to affected persons / families for natural calamities in shape of emergency assistance, organizing relief camp / free kitchen / cattle camp, agriculture input subsidy and other assistances to affected farmers, ex-gratia as assistance for death cases, grievous injury, house building assistance, assistance to fisherman / fish seed farmers / sericulture farmers, assistance for repair / restoration of dwelling houses damaged due to natural calamities are administered through the respective collectors.

Part funds towards repair / restoration of immediate nature of the damaged public infrastructure are released to the Departments concerned. On receipt of requisition from the Collectors / Departments concerned, funds are released after obtaining approval / sanction of S.E.C. However, funds towards pure relief are released under orders of Special Relief Commissioner / Chief Secretary and the same is placed before the State Executive Committee in its next meeting for approval. To save time, Collectors have been instructed to disburse the ex-gratia assistance from the available cash and record the same on receipt of fund from Special Relief Commissioner.

### 13.5 <u>Damage Assessments and Report after Flood/Cyclone</u>:

Private properties and properties of Government under different Departments are damaged by high floods and cyclones. As per para-75 of Odisha Relief Code, the Collector shall undertake assessment of damages to private properties as well as properties of Government. This assessment shall be done quickly soon after the abatement of flood in the prescribed formats prescribed in Appendix- X of Odisha Relief Code.



### 13.5.1 Submission of preliminary damage report (Para-76 of ORC):

The Collector as well as the district level officers under each Department of Government shall immediately after assessment of flood damage forward a copy of their report to their immediate Head of Department. The district level officers may also supply reports to the Collector.

The Heads of Departments after necessary scrutiny shall forward their reports to their respective Departments of Government with copy to Special Relief Commissioner, not later than two weeks from the date of abatement of flood.

The Special Relief Commissioner shall compile the State report and shall furnish the consolidated preliminary report to the Revenue Department within a week of the receipt of the reports from the Heads of Department.

The preliminary flood damage report should be prepared as accurately as possible, as the relief measures, if any, are to be based on the merit and statistical data of that report.

### 13.5.2 <u>Submission of final flood damage report (Para-77 of ORC):</u>

The concerned Heads of Departments as well as the Collector shall take immediate steps to compile the final report on flood/cyclone damage in the formats prescribed in Appendix- X soon after submission of the preliminary report.

Accidental errors, clerical mistakes, shortcomings, if any, noticed should be rectified in the final report. The final report shall be made available to Special Relief Commissioner as soon as possible and not later than one month from the date of abatement of flood.

On receipt of the reports from the different sources, Special Relief Commissioner shall forthwith compile the State report and furnish the same to the Revenue Department.

### 13.6 <u>Central and State Government programmes and Schemes on Natural Calamities</u>:

Mainstreaming Disaster Management in development planning is the most critical component to mitigate disaster risks. That's why it's important to make note of financial resources which are used in the implementation of such programmes and schemes which can lessen the risk from disasters by reducing vulnerability. It is also crucial to build communities resilience to deal with them. Moreover, as mandated by Ministry of Finance & Ministry of Home Affairs on O1st and O3rd June, 2014 respectively, 10% flexi-fund within the centrally sponsored schemes (CSS) to be utilised, inter alia for mitigation / restoration activities in the event of natural calamities in the sector covered by CSS. Thus, relevant Central Government and State Government funded schemes are identified which are crucial to build over resilience of communities in the context of the district.



SI No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
1	National Agriculture Insurance Scheme (NAIS)/ Rastriya Krishi Bima Yojna (RKBY)	Crop Insurance	Agriculture Insurance Company of India (AICI)	To protect the farmers against the losses suffered by them due to crop failures on account of natural calamities, such as droughts, floods, hailstorm, storms, animal depredation, etc.
2	Janashree Vima Yojna	Life Insurance	Life Insurance Corporation Of India	The objective of the scheme is to provide life insurance protection to the rural and urban poor persons below poverty line and marginally above the poverty line.
3	Mahatma Gandhi National Rural Employment Guarantee Schemes (MGNREGS)	Livelihood Security	Ministry of Rural Development / Panchayati raj Department	It aims at enhancing the livelihood security of the households in rural areas of the country by providing at least one hundred days of guaranteed wage employment in every financial year to every household whose adult members volunteer to do Un-Skilled manual work.
4	National Rural Livelihood Mission ( Deen Dayal Antordaya Yojana)	Poverty reduction programme	Ministry of Rural Development / Panchayati raj Department	To reduce poverty by enabling the poor households to access gainful self-employment and skilled wage employment opportunities, resulting in appreciable improvement in their livelihoods on a sustainable basis, through building strong grassroots institutions of the poor.
5	Deen Dayal Upadhaya - Gramin Kaushalaya Yojana (DDU-GKY)	Skill developme nt scheme	Ministry of Rural Development /Panchayati raj Department	DDUGKY is a placement linked skill development scheme for rural poor youth. This initiative is a part of NRLM
6	Pradhan Mantri Gram Sadak Yojana (PMGSY)	Poverty Reduction Strategy	Rural Development Department	Pradhan Mantri Gram Sadak Yojana (PMGSY) aims at providing all weather connectivity to all unconnected habitations having population 250 and above for IAP districts and population of 500 or more in general area and population of 250 or more in schedule area for non-IAP districts
7	National Social Assistance Programme (NSAP)	Social Welfare programm e	Ministry Of Rural Development	The National Social Assistance Programme (NSAP) which came into effect from 15th August, 1995 represents a significant step towards the fulfillment of the Directive Principles in Article 41 of the Constitution. The programme introduced a National Policy for Social Assistance for the poor and aims at ensuring minimum national standard for social assistance in addition to the benefits that states are currently providing or might provide in future. NSAP at present, comprises of Indira Gandhi National Old Age Pension Scheme (IGNOAPS), Indira Gandhi National Widow Pension Scheme (IGNWPS), Indira Gandhi National Disability Pension Scheme (IGNDPS), National Family Benefit Scheme (NFBS) and Annapurna.
8	Pradhan Mantri Awas Yojana (Housing for all –Urban)	Rehabilitati on of Slum Dwellers	Ministry of Housing and Urban Poverty Alleviation	The Mission will be implemented during 2015-2022 and will provide central assistance to Urban Local Bodies (ULBs) and other implementing agencies through States/UTs for:  1. In-situ Rehabilitation of existing slum dwellers using land as a resource through private participation 2. Credit Linked Subsidy  3. Affordable Housing in Partnership  4. Subsidy for Beneficiary-led individual house construction/enhancement.



SI	Nodal OLL II CL				
No	Name of the Scheme	Sector	Department	Objective of the Scheme	
9	Swachha Bharat Mission(SBM-U)	Cleanliness , Water & Sanitation, Urban	Ministry of Drinking Water & Sanitation	To accelerate the efforts to achieve universal sanitation coverage and to put focus on sanitation, the Prime Minister of India launched the Swachh Bharat Mission on 2nd October, 2014. The Mission Coordinator shall be Secretary, Ministry of Drinking Water and Sanitation (MDWS) with two Sub-Missions, the Swachh Bharat Mission (Gramin) and the Swachh Bharat Mission (Urban), which aims to achieve Swachh Bharat by 2019, as a fitting tribute to the 150th Birth Anniversary of Mahatma Gandhi, which in rural areas shall mean improving the levels of cleanliness in rural areas.	
10	Swachha Bharat Mission(SBM-G)	Cleanliness , Water & Sanitation, Gramin	Ministry of Drinking Water & Sanitation	To accelerate the efforts to achieve universal sanitation coverage and to put focus on sanitation, the Prime Minister of India launched the Swachh Bharat Mission on 2nd October, 2014. The Mission Coordinator shall be Secretary, Ministry of Drinking Water and Sanitation (MDWS) with two Sub-Missions, the Swachh Bharat Mission (Gramin) and the Swachh Bharat Mission (Urban), which aims to achieve Swachh Bharat by 2019, as a fitting tribute to the 150th Birth Anniversary of Mahatma Gandhi, which in rural areas shall mean improving the levels of cleanliness in rural areas.	
11	National Rural Drinking Water Programme (NRDWP)	Safe Drinking Water	Ministry of Drinking Water & Sanitation	The aim and objective of National Rural Drinking Water Programme (NRDWP) is to provide every rural person with adequate safe water for drinking, cooking and other basic domestic needs on a sustainable basis, with a minimum water quality standard, which should be conveniently accessible at all times and in all situations. Achieving this aim and objective is a continuous process.	
12	Pradhan Mantri Krishi Sinchai Yojana (PMKSY) – Integrate Watershed Management Programme (IWMP)	Agriculture	Ministry of Agriculture and Farmers Welfare, Gol	Har Khet ko Pani "Prime Minister Krishi Sinchayee Yojana"  PMKSY has been formulated amalgamating ongoing schemes viz. Accelerated Irrigation Benefit Programme (AIBP) of the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR,RD&GR), Integrated Watershed Management Programme (IWMP) of Department of Land Resources (DoLR) and the On Farm Water Management (OFWM) of Department of Agriculture and Cooperation (DAC).	
13	Digital India Land Record Modernisation Programme (NLRMP)	Digital India	Ministry of Rural Development	The Digital India Land Records Modernization Programme (DILRMP) is launched by Government of India in August 2008, aimed to modernize management of land records, minimize scope of land/property disputes, enhance transparency in the land records maintenance system, and facilitate moving eventually towards guaranteed conclusive titles to immovable properties in the country.	
14	Deen Dayal Upadhaya Gram Jyoti Yojana (DDUGKY)	Rural Electrificati on	Ministry of Power	Separation of agriculture and non-agriculture feedersStrengthening and augmentation of subtransmission & distribution Rural electrification	



SI No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
15	Shyama Prasad Mukherjee Uban Mission – NRuM	Economic Developm ent	Ministry of Rural Development	The objective of the National Rurban Mission (NRuM) is to stimulate local economic development, enhance basic services, and create well planned Rurban clusters.
16	Atal Mission for Rejuvenation and Urban Transformation (AMRUT)	Urban Infrastructu re	Ministry of Urban Development	Providing basic services (e.g. water supply, sewerage, urban transport) to households and build amenities in cities which will improve the quality of life for all, especially the poor and the disadvantaged is a national priority.
17	Smart City Mission	Urban Infrastructu re	Ministry of Urban Development	It aims at: i. Adequate water supply, ii. Assured electricity supply, iii. Sanitation, including solid waste management, iv. Efficient urban mobility and public transport, v. affordable housing, especially for the poor, vi. Robust IT connectivity and digitalization, vii. good governance, especially e-Governance and citizen participation, viii. Sustainable environment, ix. Safety and security of citizens, particularly women, children and the elderly, and x. health and education.
18	Pradhan Mantri Fasal Bima Yojana (PMFBY)	Agriculture Insurance	Ministry of Agriculture and Farmers Welfare, Government of India	<ul> <li>To provide insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of natural calamities, pests &amp; diseases.</li> <li>To stabilise the income of farmers to ensure their continuance in farming.</li> <li>To encourage farmers to adopt innovative and modern agricultural practices.</li> <li>To ensure flow of credit to the agriculture sector.</li> </ul>
19	National Health Mission (NHM)	Halth	Department of Health & Family Welfare, GoO	Improved health status and quality of life of rural population with unequivocal and explicit emphasis on sustainable development measure.
20	Sarva Sishkya Abhiyan (SSA)	Elementary Education	Ministry of Human Resource Development, Department of School Education, Literacy, GOI	Sarva Shiksha Abhiyan (SSA) is Government of India's flagship programme for achievement of Universalization of Elementary Education (UEE) in a time bound manner, as mandated by 86th amendment to the Constitution of India making free and compulsory Education to the Children of 6-14 years age group, a Fundamental Right.
21	Integrated Child Development Scheme (ICDS)	Women and Child	Ministry of Women and Child Development	<ul> <li>Objectives of the scheme are as under:-</li> <li>To improve the nutritional and health status of children in the age group of 0-6 years.</li> <li>To lay the foundation for proper psychological, physical and social development of the child.</li> <li>To reduce the incidence of mortality, morbidity, malnutrition and school dropout.</li> <li>To achieve effective co-ordination of policy and implementation amongst the various departments to promote child development</li> <li>To enhance the capability of the mother to look after the normal health and nutritional needs of the child through proper nutrition and health education.</li> </ul>



	USUMA					
SI No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme		
22	Mid-Day Meal Scheme	Primary Education	Ministry of Human Resource Development, Department of School Education, Literacy, GOI	With a view to enhancing enrolment, retention ar attendance and simultaneously improvir nutritional levels among children, the Nation Programme of Nutritional Support to Prima Education (NP-NSPE) was launched as a Central Sponsored Scheme on 15th August 1995.		
23	Pradhan Mantri UJJWALA Yojana (PMUY) – LPG connection to BPL families	Women Empower ment	Ministry of Petroleum and Natural Gas	Pradhan Mantri Ujjwala Yojana (PMUY) aims to safeguard the health of women & children by providing them with a clean cooking fuel – LPG, so that they don't have to compromise their health in smoky kitchens or wander in unsafe areas collecting firewood.		
24	Pradhan Mantri Kaushal Vikash Yojana	Skill Developm ent	Ministry of Skill Development and Entrepreneurship (MSDE)	Pradhan Mantri Kaushal Vikas Yojana (PMKVY) the flagship scheme of the Ministry of Sk Development & Entrepreneurship (MSDE). To objective of this Skill Certification Scheme is enable a large number of Indian youth to take a industry-relevant skill training that will help them securing a better livelihood. Individuals with prilearning experience or skills will also be assessed and certified under Recognition of Prior Learning (RPL).		
25	Digital India – Public Internet Access Programme – Providing common Service Center in each Gram Panchayat	Digital India	Ministry of Electronics & Information Technology Government of India	CSCs would be strengthened and its number would be increased to 250,000 i.e. one CSC in each Gram Panchayat. CSCs would be made viable and multifunctional end-points for delivery of government and business services. DeitY would be the nodal department to implement the scheme.		
26	Pradhan Mantri Awaas Yojana(Grameen) Earlier - Indira Awaas Yojana (IAY)			Indira Awaas Yojana has been restructuredinto Pradhan Mantri Awaas Yojana w.e.f 1st April, 2016 in India. Government committed to provide "Housing for all" by 2022. Identification and selection of beneficiaries based on the housing deficiency and other social deprivation parameters in SECC-2011.		
27	Gopabandhu Gramin Yojana (GGY)	Rural Developm ent	Panchayati Raj Department	The principal objective of the scheme is to provide additional development funds to the targeted districts to provide infrastructure consisting of Bijili, Sadak and Pani (i.e. electrification, roads and water supply) to every revenue village in the identified districts on need based manner.		
28	Biju Pucca Ghar Yojana (BPGY)	Rural Housing	Rural Development Department	Biju Pucca Ghar Yojana is a major Flagship program of Government of Odisha, which plays a pivotal role in Rural Development. Odisha Govt. attaches utmost priority and importance to provide pucca house to every household, living in kutcha house and is committed to achieve this goal by 2019.		
29	Biju Pucca Ghar Yojana (Mining)	Rural Housing	Rural Development Department	Biju Pucca Ghar Yojana (Mining) is a ma Flagship program of Government of Odisha, wh		



SI No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme	
30	Nirman Shramik Pucca Ghar Yojana	Rural Housing	Rural Development Department	The Nirman Sharmika Pucca Ghara Yojana has been lunched to meet the housing needs of building and other construction workers registered under the Odisha Building and other Construction Workers' welfare Board who do not have their own pucca house and who have not availed of housing assistance under any other Govt. Scheme of the State or Central Govt.  A building worker between the age of 18 years and 60years having existing valid registration with the Odisha Building and other construction Workers Welfare Board under the Building and other construction workers (RE&CS) Act at least for a continuous period of 3 years will be eligible for assistance under the "Nirman Sharmika Pucca Ghara Yojana".	
31	Self Employment training & bank Linkage ( SKILL DEVELOPMENT)	RUDSET Institute, Bhubanesw ar	Odisha Livelihood Mission, Panchayati Raj Department	The objective of the programme is to provide S employment/Skill development training to rule	

# 13.7 Roles of District Planning Committee on financial outlay on mainstreaming Disaster Risk Reduction (DRR) in development programs.

Power has been delegated by the Govt. to the Chairperson of District Planning Committee to sanction funds out of "Critical Gap Fund for District Plan" placed at his disposal to address the basic rural infrastructure needs as priority with special emphasis on zero connectivity areas, Health, Drinking Water, Street Lights etc.

In the year 2016-17, Trg. Programme on D.R.R. has been arranged for the Planning Committee members as a part of capacity building exercise by O.S.D.M.A.

### 13.8 Fund provision for disaster preparedness & capacity building

Special Relief Commissioner and OSDMA have to provide necessary funds for preparedness and capacity building activities at the dist. and below level. The detailed capacity building plan has already been discussed in Chapter – VI



### LESSONS LEARNT AND DOCUMENTATION:

Ganjam District lies in the close proximity to the seashore; it is mostly affected by Cyclone, Flood, Drought, & Heat Waves. The fear of Tsunami is rampant. Nevertheless, the peculiar traditional Housing structures especially thatched ones in rural areas are more susceptible to fire accident even in rainy season. So the disaster management planning of this district may be referred to the inevitable plan, strong administration unit to linkup between the top & bottom and transmission link to the grass root level. It is no doubt that the formulation of disaster plan is for preparedness and commitment for its positive implementation at the hour of crisis.

Disaster management and disaster operations in the district have been consistent with the Disaster Management Strategic Policy Framework. This is achieved by:

Ensuring a comprehensive, all hazards, all agencies approach by achieving the right balance of prevention, preparedness, response and recovery;

Aligning disaster risk reduction, disaster mitigation, disaster resilience and climate change adaptation policy and actions with international and national reforms;

Promoting a transparent, systematic and consistent approach to disaster risk assessment and management, based on the National Disaster Management Policy Act.

Recognizing the commitment of stakeholders and the need for collaboration across all levels of government, community, industry, commerce, government owned corporations, private and volunteer organizations, and local communities in all aspects of disaster management;

Promoting community resilience and economic sustainability through disaster risk reduction.

It is always inevitable that the past lesions learnt from disasters are better eye openers for future disaster management planners. The lesions learnt from Very Severe Cyclonic Storm - Phailin and the flood in 2013 is worth reading and to be referred for future planning.

14.1 Response to Very Severe Cyclonic Storm-Phailin & Subsequent Flood 2013 Receipt Of Cyclonic Warning And Preparatory Steps :

The information regarding impending Cyclone was received during the night of 08.10.2013 onwards and the preparatory steps were immediately taken to convene a meeting of all District Level Officers and the local field functionaries like B.D.Os, Tahasildars, and Executive Officers of NAC etc. Accordingly the meeting was convened at DRDA Conference hall on 9.10.2013.



This preparatory meeting of District Disaster Management Authority (DDMA) was convened on 9.10.2013 under the Chairmanship of the Collector & District Magistrate. Both the Superintendent of Police, Ganjam / Berhampur, both Additional District Magistrates, Project Director, DRDA & all Sub Collectors of the District were present in the meeting.

Apart from them, all District Level Officers like DWO, DSWO, DPO, heads of different line departments like Deputy Director, Agriculture, C.D.M.O., District Education Officer, District Project Coordinator, SSA, C.D.V.O., Dist. Fisheries Officer, Executive Engineers of different department, Officers from ODRAF, ARMY, B.D.Os, Tahasildars, Municipal Commissioner, BMC, all Executive Officer of NAC of this District etc. participated in the meeting.

In this meeting Collector & District Magistrate, described in detail regarding the threat posed by the severe Cyclonic storm and advised all Officers to take necessary precautionary steps for ensuring safety and security of life and property of the people. All the officers were advised to prepare the Micro Plan at their level for evacuation of the people and taking proper care of them in the temporary cyclone shelters. It was also decided to open a 24 hour control room in all the Blocks and other offices for receiving appropriate information and monitoring the related works. The officers were directed to immediately go back to their concerned headquarters and take precautionary steps for the impending severe cyclone storm.

### 14.2 Evacuation & Rescue Strategy:

### 14.2.1 Preparation of Evacuation Micro Plan:

For proper guidance of the Officers in the matter of evacuation, an Office Order was made giving detail guidance for preparation of evacuation Micro Plan. In this order, the concerned Officers were ordered to prepare a Micro Plan for evacuation of villagers from coast line to at least 10 Kms. inside (land ward side) by the concerned B.D.Os& Tahasildars, Senior Officers were deployed to supervise the work for the purpose. A Micro Plan was prepared to identify location of temporary cyclone shelters. For the purpose only RCC roof, Govt. building or private building which are safe, accessible and are not located in the low lying area were identified. For this purpose, a particular format was also prepared for guidance of the concerned officers. Besides, the following instructions were given for preparation of Micro Plan.

- Requirement is to be calculated for Free Kitchen & Dry ration (for seven days) and polythene sheets, K.Oil and Diesel, Gen-set, Drinking Water, Medicines etc.
- The evacuation is to be done after receiving instruction from DEOC.



- Plan is to be made for mobilization of officers, so that evacuation can be done with half an hour of issuance of orders.
- Proper coordination with Police was essential to handle any law & order situation and for proper distribution of relief materials.
- B.D.Os and Senior Officers to remain in constant touch with District Emergency Operation Centre (DEOC).
- Plan should reach the District Office by 11.00 PM of 9th October, 2013 positively.

### 14.2.2 Deployment of Senior Officers to likely to be severely affected Blocks/ULBs:

After the preparatory meeting was over on 9.10.2013, some Senior Officers of this district were given exclusive charge to remain in charge of Blocks and ULBs for overall supervision and monitoring of preparedness, post cyclone relief matters to be undertaken in the area allotted to them.

For this purpose, six Senior Officers of this District were assigned with duties. These Officers were instructed to immediately move and camp at the headquarters of the concerned Blocks w.e.f. 9.10.2013. They were directed to supervise all activities relating to preparedness and post cyclone relief measures for the entire area allotted to them. The basic responsibilities of Sr. Officers were

- Coordinate with all the Line Departments of the concerned area for effective and timely implementation of the pre and post cyclonic relief measure.
- To supervise and ensure that cyclone warning is properly disseminated to all G.Ps, Villages/Wards of ULBs under their charge.
- To verify the macro level master plan of the Block & ULBs and micro level plan for each G.P, Village and Wards for effective preparedness and management of relief work.
- Ensure meeting with each Cyclone Management Committee involving PRIs, NGOs and to ensure holding of mock drill at all the cyclone shelter centres of their allotted area on 10.10.2013 positively.
- To identify safer shelter sites within 10 Kms. of the coastline and ensure evacuation of people and live stocks to the identified cyclone shelter centres.

- To ensure detail deployment of staff at each cyclone shelter centre and strategic shelter locations and to chalk out detail evacuation plan involving local NGO, PRIs and Anganwadi Workers, Ashakarmis.
- Ensure sufficient stock of food stuff, generator, K.Oil Candles, Match Boxes, drinking water, Life saving tablets, Halogen tablets at cyclone shelter centres and strategic shelter centres.
- To prepare action plan for clearance of road by keeping liaison with line department, Volunteers, N.G.Os, P.R.Is to facilitate movement of relief materials after cyclone.
- To ensure sufficient stock of food grains, K.Oil, at G.P. Godowns for post cyclonic relief operation.
- To submit detail action taken report in this regard to District Emergency Operation Centre Office by 5.00 PM on 10.10.2013 through E-mail in deoc.ganjam@gamail.com/rescollectorgm@yahoo.co.in
- To ensure functioning of 24 hours control room at Block & ULB offices with effect from 9.10.2013.
- To conduct inventory of Boat and Boat men and vehicles to be used for evacuation at each G.P. to be used during evacuation and relief operation.
- To identify vulnerable sections of the society like pregnant women, small children, old and infirm persons who are to be given priority at the time of evacuation.
- To ensure safety of the domestic animals and make provision of fodder for the animals by ARD Deptt. and disposal of animal caracases with the help of local NGOs, Volunteers after occurrence of cyclone.
- To ensure sufficient stock of life saving medicines, halogens tablets and presence of health officials at the PHCs, CHCs of the Blocks and ULBs allotted to them.
- To make liaison with RD Deptt., R&B Deptt. South Co. and other line Deptt. for restoration of road, power and disinfection of tube wells on war footing basis after occurrence of the cyclone.



### 14.2.3 Assignment of Line Deptts. to Senior Officers for coordination:

Apart from this, three Senior Officers of this District viz. both the Additional District Magistrates and the Project Director, DRDA were given the charge of different line departments for proper coordination and monitoring the steps taken by District Level Officials of the Department.

l.No	Name & designation of the Senior Officers	List of Department for coordination
		1.Food Supplies & Consumer Welfare Deptt.
		2.School & Mass Education Deptt.
		3. ST & SC Development Deptt.
1.	Additional District Magistrate (Gen)	4. Sport & Youth Services Deptt.
		5. Information & Public Relations Deptt.
		6. Transport Deptt.
		7. Tourism & Culture Deptt.
		1.Revenue & Disaster Management Deptt.
	Additional District Magistrate (Rev.)	2. Women & Child Development Deptt.
2.		3. Health & Family Welfare Deptt.
۷.		4. Animal Resources Development Deptt.
		5. Water Resource Department
		6. Agriculture, Cooperation Deptt.
		1. Panchayati Raj Deptt.
		2. Works Department
	Project Director, DRDA.	3. Rural Development Department
3.		4.Information & Technology Deptt. (Communication &
	Troject Director, DNDA.	BSNL)
		5. Home Department.
		6. Forest Department
		7. Housing & Urban Development Deptt.

The above 03 Senior Officers were also entrusted with the following duties and responsibilities.

- Coordination with District Level Officials of Departments assigned for effective and timely implementation of Pre & Post Cyclonic Management measures.
- To ensure Control Room is functioning in the offices of District Heads of various departments.
- To coordinate with District Emergency Operation Centre (DEOC).
- To map detailed activities to be taken up by the concerned officials from 10th October, 2013 Fore Noon onwards till 15th October 2013.
- To keep close liaison with field official in various blocks and ensure full implementation of plans prepared.



### 14.2.4 Instructions to Blocks/ULBs to form team for Pre & Post cyclonic relief work:

As it was decided to open Temporary Cyclone Shelters at different safe places to evacuate the people staying in kutchha houses and low lying areas, proper steps were also taken for their food and other related requirements. Extra care was taken for the 5(five) coastal Blocks / NACs. The Executive Officers of the concerned ULBs and the B.D.Os of the concerned Blocks were directed to designate the Nodal Officers to be in charge of relief operations with some assisting staff for receipt and despatch of relief materials to various cyclone shelter centres. The duty of the Nodal Officer was fixed to maintain detail records of the relief materials to be received from District Emergency Centre, Chatrapur and subsequently despatch of relief materials to various cyclone shelter centres/villages / Wards as per the requirement as chalked out in the micro plan prepared by the concerned Block /ULB. The Nodal Officer was directed to be in readiness round the clock at Block / ULB headquarters for receiving the relief materials and for proper documentation of the same. The Nodal Officer was also requested to involve the local PRIs, Volunteers for proper distribution of relief materials. They were also requested to make preparation in advance to avoid dislocation in the post cyclone relief operation.

Apart from that, the B.D.Os of Five coastal (likely to be most affected) Blocks were instructed to make detail arrangements at cyclone shelter centres (CSC). They were directed to contact with local PRIs, Anganwadi Workers, ASHA Karmis, Village Leaders and Volunteers to keep close liaison with them for proper evacuation, distribution of relief materials and road clearance etc. They were directed to keep a stock of relief materials for five days including Rice, Dal, Chuda, Gur and 20 Litres K.Oil / Diesel which can be used for the Generator, match boxes / candles etc. by 12.10.2013 positively. Besides, they were also instructed to ensure availability of adequate lifesaving drugs, ORS packets with Anganwadi Workers, ASHA Karmis, who are available at village level and can give their service at the cyclone shelter centre (CSC). The B.D.Os were also instructed to form a team of local volunteers with tree cutting equipments for immediate clearance of roads which may be obstructed due to falling of trees in order to ensure smooth movement of relief materials to cyclone shelter centres. He was also instructed to make inventory of Boats and Boat man and other vehicles tagged to cyclone shelter centres for their use at the time of need.

### 14.2.5 Advance arrangement for distribution of relief materials to Blocks/ULBs:

Apart from the above, sufficient relief materials like Rice, Dal, Chuda, Gur, Biscuits and Polythine sheets were also allotted to all the Blocks / ULBs of this District to be used by the people in the cyclone shelter centres and for managing Pre & Post cyclone situation.



For the purpose, the following instructions were issued to be followed scrupulously in the matter of distribution of relief materials.

- The stock must reach designated Cyclone Shelters or Temporary Cyclone Shelters by tomorrow morning at 1.00 AM.(i.e. 11.10.2013)
- The stock will be kept in charge of Nodal Persons of the concerned Cyclone Shelter or Temporary Cyclone Shelter which will be used for evacuated persons on 12th morning. The relief is to be given for three days in 1st phase.
- The dry ration to the most vulnerable families will be distributed at the rate of 5 Kgs Chuda and 1Ks Gur for a family. The same should be done on the evening of 11th or early morning of 12th October 2013 positively.
- Fire Wood etc. to be kept ready in each free site for running of free kitchens.
- One Barrel of Kerosene Oil i.e. 200 ltrs. in each centre is to be kept from the Retailer.
   Payment will be made for the quantities used.
- Requirement of Potatoes, Onion, Candles, Match Box etc. to be procured locally or with the help of C.S.O., Ganjam as per request.
- Stocks should start reaching to concerned Cyclone Shelters or Temporary Cyclone Shelters by tomorrow i.e. 11.10.2013 early morning. District Teams will be deployed to check readiness of block administration to provide relief and run free kitchens.
- Any further requirement beyond the above allotted quantity to be communicated in advance to District Emergency Officer and Civil Supply Officer.
- In Block control Rooms, Kerosene Oil /Diesel should be stocked for running of the Generator for at least seven days.
- Good lighting arrangements, Gen-set, Candles or Lantern should be made available for each
  of the Cyclone Shelter or Temporary Cyclone Shelter.
- Sub-Collectors will ensure full implementation of above said instructions.

The Collector & District Magistrate authorized the Tahasildars-cum-Executive Magistrates to requisition relief materials such as Chuda, Gur, Dal, Biscuits, Potatoes, Onion, Match Box etc required for the purpose of smooth functioning of cyclone shelters from the stock available with various wholesalers / retailers in their jurisdiction and despatch the same to cyclone shelters. The stocks were to be requisitioned under proper acknowledgement and receipt.



### 14.2.6 <u>Transmission cyclonic warning</u>:

For ensuring effective transmission of information regarding the impending cyclone, the B.D.Os of this District had also resorted to Mike announcement in distant and low laying areas. In rural areas the people generally believe in mike announcement and this announcement made by the B.D.Os also proved to be effective. Besides, the District Information & Public Relation Officer had also taken recourse to mike announcement in low laying areas particularly the areas which are nearer to Sea such as Arjyapalli, Kalipalli, Badaputi, Upalaputi etc. This also proved to be effective and the people immediately responded by coming over to the nearby cyclone shelter centres for their safety and security. An Office Order was also issued by the Collector to vacate Hotel & Lodges likely to be hit by severe cyclone storm vide office order No. 1237 Dt. 10.10.2013.

### 14.3 <u>Functioning of Control Rooms</u>:

Functioning of control room round the clock especially on 11.10.2013 and 12.10.2013 proved to be a very effective tool for exercising control over local administrative units of the District as well as for dissemination of cyclone information and redressal of the grievance of the people. It also helped in obtaining required information from Blocks, Tahasils, ULBs and different Line Departments.

The District Office control room was functioning at 02 (two) places viz. at District Emergency Section and District Gen. & Misc. Section under the supervision of Deputy Collector (Emergency) and Deputy Collector (Gen. & Misc.) respectively. The staff as well as Officers remained present in both the control rooms which resulted in effective receipt and disposal of quite large number of complaints / grievances. During 11.10.2013 and 12.10.2013 there was hardly a gap of 4 to 5 minutes when either some call was not received or some call was not made in connection with management of cyclone related activities.

Control rooms were opened in all the Blocks of the District for receiving as well as transmitting information / instructions relating to the cyclone. Staff were deployed to keep them operational round the clock.

### 14.4 <u>Steps taken by various Departments:</u>

Apart from the steps taken by Revenue & Disaster Management Department headed by the Collector & District Magistrate at District level, steps were taken by various other Departments for effective management of Pre & Post cyclone activities.

### 14.4.1 Panchayati Raj Department:



In each Block, 24 hours control room was made operational. Nodal officers were designated for the control room. A team of officials headed by respective B.D.O. remain prepared for management of any eventuality.

### 14.4.2 <u>Home Department</u>:

The control rooms were made operational at both the office of Superintendent of Police, Ganjam & Berhampur. Officers were designated as Nodal Officers for the control rooms with team of staff. Rescue and relief teams were formed to attend any rescue and relief related assignments.

### 14.4.3 R &B Department (Works Department):

A Division of the Department prepared a contingency plan with J.C.B, Hydraulic tractor with POL, Driver & other manpower for clearance of roads due to impending cyclone.

### 14.4.4 Rural Development Department:

A team of officers headed by one Asst. Engineer in each Sub Division was formed along with required machinery to clear the road.

### 14.4.5 <u>SOUTHCO</u>:

The cyclone room at targeted area was made functional and the Executive Engineers of the respective Division were made the Nodal Officer to monitor the situation. Mobile teams were formed and stock of minimum material were kept ready to mitigate any emergency situation.

### 14.4.6 Public Health Department:

24 hours control room was made operational at respective Divisional Office along with Nodal Officers in-charge. Adequate number of water tankers, Diesel Gen-sets were kept ready and special squad was formed to meet any exigency.

### 14.4.7 <u>B.S.N.L</u>:

A special meeting was held between Collector and the DGM and other Officers of BSNL. The issue of running of Engine Alternator (minimum 72 hours) was discussed in order to ensure supply of electricity to important locations in case of power failure.



### 14.4.8 Forest Department:

The Range level task force was constituted under Forest Divisions and teams were kept ready for emergency services with all tree cutting equipments and related materials.

### 14.5 Action taken on 12.10.2013:

On the concerned day i.e.12.10.2013 on which "Phailin" struck, the administration both at District Level and Block / Tahasil level remained totally active. Even though heavy rain started from the morning hours, the Senior Officers of the District such as Additional District Magistrates, Sub Collectors had personally visited different cyclone shelter centres and personally supervised the arrangements regarding lodging and boarding arrangements of the people who had stayed there. Besides, health care of the concerned people was also attended by providing medicines for minor diseases like fever, cold and even for treatment of pregnant women. The District Office was functioning in full fledged manner and the officers as well as staff worked round the clock and they went to their residences on the next day morning i.e. 13.10.2013 for 3 to 4 hours only on roatational basis and then came back for duty.

### 14.6. Relief Operation:

For managing relief operations properly and equitably, guidelines were issued for distribution of food relief to the victims of Phailin. In this letter it was instructed to provide relief food to the affected families because of loss of property, wage loss and disruption of livelihood.

As per joint report received from B.D.O. and Tahasildar regarding identification of villages which are very severely affected, it was found that extensive damage to public infrastructure, damage to house, damage to agriculture crop, fruit bearing trees, damage to fisherman families (Boat, Net etc.) has taken place and there is no village which has escaped the disastrous effect. It was also found that there has been disruption of livelihood and the same was continuing as restoration of power line and other public utilities will take some time. Therefore, it was decided to distribute the relief uniformly in all the villages and NACs of Ganjam District. Accordingly it was decided to provide food (Rice) @ 50Kgs, free of cost and cash (relief assistance) @ Rs. 500/- per family for purchase of Dal etc. as communicated by Special Relief Commissioner, Odisha for very severely affected villages.

Apart from that, all the Tahasildars of this District were instructed to distribute Polythene sheets to the victims of Phailin (very severe cyclone)., the detail guidelines for distribution of Polythene through the Revenue field staff like Revenue Supervisor, Revenue Inspector and Amin were spelt out.



For proper monitoring and supervision of distribution of relief materials at the Block / ULB level, 10 (Ten) Senior Officers of this District were assigned with duties in respect of different Blocks / ULBs and their headquarters was also fixed in that area to ensure proper supervision of relief work.

Subsequently some modifications have been made in this order and some extra Officers have been posted as District Nodal Officer for effective management of relief operations.

The following arrangements were made for the District Nodal Officers.

The District Nodal Officers will stay at Revenue I.B. and P.W.D. I.B located at respective headquarters fixed for them. They will use the office of the local B.D.O / Tahasildar and send their detail report to the District Office. The Senior Officers will supervise and monitor the operation of relief and rehabilitation work in respect of Block / ULB allotted to them and submit detail report to the District Office by 6.00 PM every day by FAX / E-Mail.

Apart from that, Nodal Officers and Senior Supervising Officers have been appointed for taking up various works relating to relief and rehabilitation and to address various concerns of the victims of Phailin (very severe cyclonic storm) which hit Ganjam District on 12.10.2013. In this order different works like Law & Order coordination, Civil Suplies coordination (relief materials), Line Department Coordination including restoration of Power, Roads, Drinking Water, Tele Communication, Medical Aids etc., Grievance and complaints monitoring mechanism, vehicle and POL management, submission of report & returns to Govt., assessment of damage, documentation, management of Senior Officers visit etc. were divided among Two Additional District Magistrates and Project Director, DRDA as Supervisory Officers and Four Deputy Collectors of the Collectorate as Nodal Officer.

In order to expedite the process of distribution of relief to the cyclone victims, Government of Odisha in Revenue & Disaster Management Deptt. have appointed 22 Nos. of OAS & ORS Officers for this District. Out of them 21 Officers were deputed to different Blocks / ULBs for supervising distribution of relief materials. Even 02 I.A.S. Probationers have also been sent by the Govt. to the District and they have been sent to different Blocks (with fixed G.Ps) to supervise the relief distribution work. Apart from them, 03 I.E.S. Probationers have also been deputed to different Blocks.

### 14.7 Status of relief operations:



The following amounts of relief materials and Polythene sheets were distributed among the people covering all the Blocks/ ULBs on account of Cyclone-Phailin 2013.

No. of families helped	Quantity of rice distributed (Kg.)	Amount of relief assistance disbursed (Rs.)	No. of Polythene sheets distributed.
2	3	4	5
973272	48663600	486636000	323234

In order to smoothen the relief and restoration work in the affected area of this District, the Superintendent of Police, Ganjam and Superintendent of Police, Berhampur had constituted teams of Police Officials to coordinate and assisted the District Administration. The detail information of Police arrangements had been communicated to District Level Nodal Officers, all Sub-Collectors, all Tahasildars, all B.D.Os of the District and all the Deputy Collectors of Collectorate to take help of these teams as and when necessary.

### 14.8 Restoration:

After occurrence of cyclone, taking up of restoration work was felt extremely necessary. Immediate necessity was felt for road clearance so that Officers and staff along with relief materials can move to different areas of the District. For the purpose, NDRF and ODRAF teams were present to discharge their duties. 08 NDRF teams had also come to Ganjam District; they went to out of the District after two days for performing their duties elsewhere.

ODRAF teams were stationed at various places of the District before occurrence of the cyclone. The detailed deployment order of ODRAF team in respect of 06 most vulnerable places of the District i.e. Gopalpur, Sorala (Chikiti), Ganjam, Berhampur, Chatrapur and Rambha was made. All the B.D.Os., Sub-Collectors were instructed to use the ODRAF team for clearance of road etc. Besides, Executive Engineer, R&B and Executive Engineer, R.D. Department took up road clearance work sincerely in respect of their jurisdictions.

In this connection the Fire Service has done an excellent job by providing cutters for road clearance which proved very effective for cutting of trees. Besides, some B.D.Os, Forest Officers have also contributed for road clearance by taking up the work on their own by using JCB. Excellent coordination work has been done by Sub-Collectors at Sub Division level and the District Nodal Officers at District Level. Almost all roads have been cleared in this District.

### 14.9 Restoration of Water Supply:



Immediately after the cyclone i.e. on 13.10.2013, water was supplied through tankers by P.H.D./ ULBs in urban areas and by R.W.S.& S. Deptt. in rural areas. The water supply was ensured by using Gen-set in town like Berhampur, Chatrapur and other U.L.Bs of this District. In Rural area the water was provided to the needy people by the R.W.S. & S (RD) Deptt.

### 14.10 Restoration of Electricity:

All possible steps had been taken up SOUTHCO and OPTCL to restore the Electricity supply throughout the District. Important places like M.K.C.G. Medical College and Hospital, Sub-Divisional Hospital, Chatrapur and some other Govt. Hospitals had been provided with Electricity and the District Office mainly Collectorate had been supplied with Electricity w.e.f. the evening of 18.10.2013. The electricity restoration work for other places was going on in a full swing.

### 14.11 Rehabilitation:

The rehabilitation work had started. The Tahasildar and B.D.Os made detail survey by engaging their field functionaries who moved from village to village and collected actual data. Other Line Department Officers were also on the job and their report submitted to the District Office have been sent to the Govt. for necessary action and providing of assistance as per norms.

### 14.12 <u>O.D.R.P</u>:

In the post cyclone (Phailin) time, the State Govt. launched a housing Project, namely Odisha Disaster Recovery Project (ODRP) for the cyclone victims with a joint funding of World Bank (70%) & State Govt. (30%) on 04.03.2014 with a completion target date of 30.06.2017. The total cost of project is Rs.1312/- Crore. The idea was to make Resilient Housing for Cyclone-Phailin victims.

The project has focused on both reconstruction and disaster preparedness. Except rebuilding of the houses, it also focuses on better sanitation facility, water supply and road connectivity in the concerned area. Apart from reconstruction, the project is focused on disaster risk mitigation. It is strengthening the capability of Odisha State Disaster Management Authority (OSDMA) in line with global best practices. Under this Project total 16290 no. of beneficiaries were identified, covering five Blocks i.e Chatrapur, Khallikote, Ganjam, Chikiti and Rangeilunda. The Block-wise occupation status of the ODRP houses is as follows ...

### 14.13 Response to Severe Cyclonic Storm – Hud Hud' 2014:



The very next year and the very exact day i.e. 12<sup>th</sup> October of Cyclone-Phailin, another Cyclonic Storm – Hud Hud visited the southern coast of Odisha in 2014. But in terms of intensity and impact, Ganjam district as such was not directly hit by Hud Hud. But in a non compromising way all the arrangements to tackle another Cyclone was made in the district.

### 14.13.1 Tracking of Cyclone & Intensity:

In view of cyclone alerts issued by the State Hqrs & IMD, Bhubaneswar, the meeting of the District Disaster Management Authority of this district was convened on 08.10.2014 with an objective to ensure Zero causality and to discuss precautionary measures, preparedness, response and prevention efforts. The minutes were issued to all the stake holders, Dist. Level Officers, Line Departments, BDOs, Tahasildars & ULB officers for immediate action.

Closure of breaches, guarding of weak embankments, and clearance of drainage for free flow of rain water & prevention of flood was ensured.

### 14.13.2 Arrangement of food stuff & essential articles:

Arrangement was made by CSO, Ganjam, Block & ULB offices for 63.12 Qtls Rice,250 Qtls chuda, 19.99 Qtls Gur, 15 Qtls Dal, Packaged water 171400 & Baby food, Candle etc. to cater for the affected people.

### 14.13.3 <u>Evacuation & shelter Planning:</u>

294 Nos. of Cyclone shelters/ Temporary Cyclone shelters were identified for accommodation of evacuees with necessary logistic arrangement. 26258 no. of people were evacuated and sheltered to secure their life and security and administered emergent food assistance for 2 days.

### 14.13.4 <u>Supervision, monitoring & coordination</u>:

6 nos. of Senior Officers of this district were assigned duty and were in-charge of 10 nos. of Blocks & 12 nos. of NACs highly prone to calamity to coordinate and supervise response, relief, search & rescue, restoration activities for the areas.

3 nos. of district level officers were assigned duty to coordinate between various departments to oversee pre and post cyclone management.



Manpower and machinery was kept in readiness by the line department officers for immediate restoration of essential services like road, telecommunication and power supply to be affected.

### 14.13.5 <u>Search & rescue operation</u>:

To ensure above 6 NDRF Teams, 9 ODRAF Teams and 20 Fire Services Teams were positioned in strategic places for search & rescue operation. 4 no. of relief power boats of DEOC & Blocks, ODRAF boats were positioned in strategic locations for relief & rescue operation.

### 14.13.6 Safety of school children & banking solution:

Directives were issued for closure of schools from 11th to 13th to ensure safety and security of school children.

Cancellation of holidays and full attendance of Govt. employees for the offices was ordered. Treasuries and Banks had similarly been instructed to attend financial solution during holidays to deal with crisis arising out of calamity situation.

### 14.13.7 Functioning of Control Room:

24x7 Hours Control Room had been operational in the DEOC under charge of officers to oversee the receipt and dissemination of communication and redressed of complaints received from individuals through proper department.

District Emergency Operation Centre functioned as Incident Command Centre where key decisions were taken for preparedness, prevention, mitigation and evacuation were issued from time to time for follow up.

2 nos. of Satellite phone sets supplied by OSDMA were kept ready for meeting communication needs as and when required.

### 14.13.8 Conduct of Mock drills & publicity:

On 10.10.2014 advance Mock drills were organized in 32 Cyclone shelter centres for cyclone preparedness, response and prevention involving ODRAF, NDRF, Fire Brigade, trained Volunteers and for sensitizing people in responding calamity.



Wide publicity for awareness of the people and not to stay in low lying area and kutcha houses was ensured through Block machinery, ULB Officials, BeMC & DIPRO and public address system was used.

Inter Agency Coordination Group meeting with various NGO bodies was held on 11.10.2014 to utilize their services on preparedness, response and relief as per needs.

### 14.13.9 Health Care measures &Sanitation:

94 Medical Teams, 94 Medical Centres were positioned to attend exigency and check the epidemic spread. 328900 ORS pkts, 1760000 nos. Halagen tablets, 247 Bags bleaching powder utilized. Tube wells and 1125 wells were disinfected.

**Stocking of polythene Rolls:** 11507 Rolls of Polythene were available in Tahasils to meet the requirement.

**Expenditure incurred:** An amount of Rs.33,58,415/- was incurred expenditure towards the measures undertaken i.e Preparedness, Evacuation & Emergent food assistance etc.

### 14.14 Response to Last Tsunami Occurrence:

On 12.09.2007, after receiving Tsunami alert warning from SRC Odisha, district administration (Emergency Cell) disseminated the same to the Sub-collectors, Coastal BDOs and Tahasildars, SP Ganjam, Local police and fire office, CDMO, Local NGOs and Secretary of Multipurpose cyclone shelters/ some of the villagers.

After 10.30 PM warning was given to the Line Department officers/NGOs/Police/fire/villagers / medical team/media by District Emergency Officer and District project officer-DRM over Phone, Mobile, and VHF etc.

### Impact of Tsunami Warning

- Local Police of Gopalpur evacuated the people from Gopalpur sea beach / beach side shops/houses.
- Local NGO volunteers evacuated the coast fisherman community to a high land.
- Cyclone Shelters were kept ready
- Medical team was alert.
- Sub- collector Chatrapur, APD DRDA, DEO and DPO- DRM were involved entirely in this management process.

### General Observation



- From electronic media, television people received first warning and then from district administration.
- Some of the coastline villagers time to time directly interacting with district emergency cell regarding the same threat.
- Nobody was there in Gopalpur NAC to receive the warning and we informed the local police to inform the NAC and to evacuate the people from sea beach.
- Coastal BDOs and Tahasildars were active in the process.
- Collector Ganjam was specially looking after the overall warning dissemination and evacuation process.

## 14.15 Response to Very Severe Cyclonic Storm-TITLI& Subsequent Flood 2018 Receipt Of Cyclonic Warning And Preparatory Steps:

The warning regarding impending Cyclone was received on 08.10.2018 and the preparatory steps were immediately taken and a meeting of District Disaster Management Authority (DDMA) was convened on 9.10.2018 in which all District Level Officers and the local field functionaries like B.D.Os, Tahasildars, and Executive Officers of NAC etc. participated. Further a meeting was also held 10.10.2018 i.e next day to review the measures taken and contemplated to be taken for crisis management. All District Level Officers like DWO, DSWO, DPO, heads of different line departments like Deputy Director, Agriculture, C.D.M.O., District Education Officer, District Project Coordinator, SSA, C.D.V.O., Dist. Fisheries Officer, Executive Engineers of different department, Officers from ODRAF, ARMY, B.D.Os, Tahasildars, Municipal Commissioner, BMC, all Executive Officer of NAC of this District etc. participated in the meeting.

### 14.15.1 <u>Preparation of Evacuation Micro Plan</u>:

For proper guidance of the Officers in the matter of evacuation, an Office Order was made giving detail guidance for preparation of evacuation Micro Plan. In this order, the concerned Officers were ordered to evacuate people residing thatched houses 100% who to be sheltered in safe shelters identified for the purpose apart from permanently built 104 nos. Of MCS/MFS and .Concerned B.D.OsTahasildars, Senior Officers& ULB officers were deployed to supervise the work for the purpose. A Micro Plan was prepared to identify location of temporary cyclone shelters. For the purpose only RCC roof, Govt. building or private building which are safe, accessible and are not located in the low lying area were identified. For this purpose, a particular format was also prepared for guidance of the concerned officers. Besides, the following instructions were given for preparation of Micro Plan.



- Requirement is to be calculated for Free Kitchen & Dry ration (for seven days) and polythene sheets, K.Oil and Diesel, Gen-set, Drinking Water, Medicines etc.
- The evacuation is to be done after receiving instruction from DEOC.
- Plan is to be made for mobilization of officers, so that evacuation can be done within half an hour of issuance of orders.
- Proper coordination with Police was essential to handle any law & order situation and for proper distribution of relief materials.
- B.D.Os and Senior Officers to remain in constant touch with District Emergency Operation Centre (DEOC).
- Plan was called for to reach the District Office by 11.00 PM of 10th October, 2018 positively.

#### 14.15.2 Deployment of Senior Officers to likely to be severely affected Blocks/ULBs:

After the preparatory meeting was over on 9.10.2018, some Senior Officers of this district were given exclusive charge to remain in charge of Blocks and ULBs for overall supervision and monitoring of preparedness, post cyclone relief issues to be handled in the area allotted to them.

For this purpose, six Senior Officers of this District were assigned with duties. These Officers were instructed to immediately move and camp at the headquarters of the concerned Blocks w.e.f. 10.10.2018. The basic responsibilities of Sr. Officers were

- Coordinate with all the Line Departments of the concerned area for effective and timely implementation of the pre and post cyclonic relief measure.
- To supervise and ensure that cyclone warning is properly disseminated to all G.Ps, Villages/Wards of ULBs under their charge.
- To verify the macro level master plan of the Block & ULBs and micro level plan for each G.P, Village and Wards for effective preparedness and management of relief work.
- Ensure meeting with each Cyclone Management Committee involving PRIs, NGOs and to ensure holding of mock drill at all the cyclone shelter centres of their allotted area on 10.10.2018 positively.
- Ensure evacuation of people and cattles to the identified cyclone shelter centres .
- To ensure detail deployment of staff at each cyclone shelter centre and strategic shelter locations and to chalk out detail evacuation plan involving local NGO, PRIs and Anganwadi Workers, Ashakarmis.
- Ensure sufficient stock of food stuff, generator, K.Oil Candles, Match Boxes, drinking water, Life saving tablets, Halogen tablets at cyclone shelter centres and strategic shelter centres.



- To prepare action plan for clearance of road by keeping liaison with line department, Volunteers, N.G.Os, P.R.Is to facilitate movement of relief materials after cyclone.
- To ensure sufficient stock of food grains, K.Oil, at G.P. Godowns for post cyclonic relief operation.
- To submit detail action taken report in this regard to District Emergency Operation Centre Office by 5.00 PM on 10.10.2018 through E-mail in <a href="mailto:ganjam.deoc@gamail.com">ganjam.deoc@gamail.com</a>.
- To ensure functioning of 24 hours control room at Block & ULB offices and other key offices
- To make inventory of vehicles along with Boat and Boat men for evacuation and relief operation in each G.P.
- To identify vulnerable sections of the society like pregnant women, small children, old and infirm persons who are to be given priority at the time of evacuation.
- To ensure safety of the domestic animals and make provision of fodder for the animals by ARD
  Deptt. and disposal of animal caracases with the help of local NGOs, Volunteers after occurrence
  of cyclone.
- To ensure sufficient stock of life saving medicines, halogens tablets and presence of health officials at the PHCs, CHCs of the Blocks and ULBs allotted to them.
- To make liaison with RD Deptt., R&B Deptt. South Co. and other line Deptt. for restoration of road, power and disinfection of tube wells on war footing basis after occurrence of the cyclone.



#### A PROGRESSIVE REPORTING THROUGH PHOTOGRAPHIC PRESENTATION

#### PRE-CYCLONE PREPAREDNESS:

HOLDING OF DISTRICT LEVEL PREPARATORY MEETING ON 09.10.2018 & 10.10.2018 TO MEET ANY KIND OF EVENTUALITIES RESULTED OUT OF SEVERE CYCLONIC STORM – "TITLI"





ALL RESOURCES INCLUDING MAN AND MACHINERY WERE MOBILIZED. VULNERABLE PEOPLE HAVE BEEN SENSITIZED AND PERSUADED TO MOVE TO SAFE CYCLONE SHELTER IN ORDER TO AVOID ANY LOSS OF LIFE.

RESPONSE FORCES (ODRAF, NDRF & FIRE SERVICE PERSONNELS) WERE DEPLOYED AT STRATEGIC POINTS FOR SEARCH AND RESCUE OPERATIONS.





- > LANDFALL OF SEVERE CYCLONIC STORM TITLI OCCURRED ON 10.10.2018 EVENING AND 11.10.2018 MORNING.
- > THE LAND FALL OF CYCLONE TITLI OCCURRED IN THE MORNING HOURS OF 11.10.2018 AND THE WIND SPEED WAS 130 KMS PER HOUR AT GOPALPUR.
- > IT AFFECTED ALL THE BLOCKS AND ULBS OF GANJAM DISTRICT.

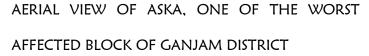


FREE KITCHEN HAS BEEN GIVEN IN ALL CYCLONE SHELTERS ALONG WITH PROVISIONS OF ADEQUATE SAFE DRINKING WATER AND LIGHT.





ODRAF, NDRF, ICGSP, INDIAN NAVY & FIRE SERVICE PERSONNEL WERE PLACED INTO SERVICE AT STRATEGIC LOCATIONS FOR EVACUATION OF PEOPLE.







BECAUSE OF PREDICTION OF HEAVY RAIN BY IMD

DISTRICT ADMINISTRATION HAS INITIATED

LARGE SCALE SHIFTING OF PEOPLE FROM LIKELY

TO BE SENSITIVE AREAS TO SAFE SHELTERS.

CONSEQUENT UPON CYCLONE TITLI, HEAVY RAIN FALL OCCURRED IN THE DIFFERENT PARTS OF THE DISTRICT AND IT CAUSED FLOOD.



DRY FOOD PACKETS OF CHUDA, GUR AND BISCUITS WERE ALSO PROVIDED THROUGH AIR DROPPING.



#### DAMAGE ASSESSMENT

THE TEAMS HAVE BEEN FORMED AT TAHASIL LEVEL TO ASSESS: CROP DAMAGE / HOUSE DAMAGE/ DAMAGES TO HORTICULTURAL CROP/LOSS OF LIVE STOCK/ LOSS OF BOAT AND NETS &OTHER DAMAGES.

TEAMS HAVE BEEN FORMED AT EACH VILLAGE TO ENUMERATE THE CYCLONE



FLOOD AFFECTED FAMILIES IN RESPONSE TO GR NORMS COMMUNICATED BY SRC.





**CROP LOSS** 

DAMAGE OF ELECTRICAL INSTALLATIONS





**ROAD DAMAGE** 



HOUSE DAMAGE



ANIMAL RESOURCES DAMAGED



DAMAGED OF EDUCATIONAL INSTITUTIONS

## **RESTORATION PROCESS**



VEHICLE MOUNTED RO WATER PURIFIER



FREE KITCHEN AT THE FLOOD SHELTER





A PREGNANT WOMAN IS BEING SHIFTED TO NEARBY HEALTH INSTITUTION



MASSIVE CLEANLINESS DRIVE



#### **SHARING OF RESPONSIBILITY**

POLYTHENE AND OTHER RELIEF MATERIALS

HAVE BEEN SENT TO GAJAPATI DISTRICT,

WHICH IS ALSO BADLY AFFECTED BY "TITLI"

RESCUE OF MORE THAN 150 FISHERMEN BELONGING TO ANDHRA PRADESH IN GOPALPUR PORT BY INDIAN COAST GUARD ASSISTED BY ODRAF & FIRE SERVICE TEAMS



#### State Office:

# ODISHA STATE DISASTER MANAGEMENT AUTHORITY GOVERNMENT OF ODISHA

9<sup>TH</sup> FLOOR, RAJIV BHAWAN, BHUBANESWAR Telephone: 0674-2395398, 2391871, Email: osdma@osdma.org

#### District Office:

# DISTRICT DISASTER MANAGEMENT AUTHORITY GANJAM, ODISHA

COLLECTORATE (EMERGENCY SECTION), CHHATRAPUR-761020 Telephone: 06811-263978, Email: ganjam.deoc@gmail.com

# www.osdma.org







# District Disaster Management Plan

**GANJAM, ODISHA** 

Volume - II

**District Disaster Management Authority** 

Ganjam-761020, Odisha, India



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# **IMPORTANT TELEPHONE NUMBERS**

## **STATE LEVEL**

SI. No	Office/ Institution	Name & Designation	Mobile No.	Office Phone No.
1	OSDMA	MD,OSDMA	-	0674-2395531/ 2395398
2	UNDP Odisha	UNDP Odisha	-	2558795/2558794 (FAX)
3	UNICEF, Bhubaneswar	UNICEF, Bhubaneswar	-	2397977/ 78/ 79/ 80
4	WFP	WFP	-	2558740/2558739
5	UNFPA	UNFPA	-	2558796/2559907
6	SRC Office	SRC (Bhubaneswar)	-	1070 (Toll Free)/ 2534177 / 2534180 / 2536721
7	Revenue Control Room	Revenue Control Room	-	0674-2322658/ 2539023/2390266
8	St.John Ambulance	St. John Ambulance, BBSR	-	0674-2531485
9	IRCS	IRCS, BBSR	-	2392389/2390647
10	Civil Defense	Civil Defense	-	2340280/2394199
11	IMD, Bhubaneswar	IMD, Bhubaneswar	-	0674-2596214/2534737
12	IMD. Gopalpur	IMD. Gopalpur	-	06810-2242030
13	Action Aid India	Action Aid India	-	2544224
14	BGVS, Odisha	BGVS, Odisha	-	2394290/295
15	CRS	CRS	-	2394388
16	CARE, Odisha	CARE, Odisha	-	2544835/2547766
17	CASA	CASA	-	2555685/3970
18	Caritas India	Caritas India	-	2396689/2394378
19	CYSD	CYSD	-	2300774/ 2301339
20	NYK	NYK	-	2555982
21	CONCERN	CONCERN	-	2538004/2394238
22	OVHA	OVHA	-	2572849/2572842
23	LWS	LWS	-	2471064
24	OXFAM	OXFAM	-	2571531/ 2570915
25	ODMM	ODMM	-	2302780
26	OVHA	OVHA	-	2572849/257842
27	ODRAF	ODRAF	-	06811-254010(F)/2292471
28	District Nodal NGO	District Nodal NGO	9338587344	
29	SP, Signal, Cuttack	SP, Signal, Cuttack	-	0671-2300079/ 2503818

# **DISTRICT LEVEL**

SI. No	Designation	Name of the Officer	Department	Office Telephone No. with STD Code	Mobile No.
	C. II		20214	06811-263700(O)	9437559670/
1	Collector & DM, Ganjam	Vijay Amruta Kulange, IAS	R&DM	06811-263800(R)	8280343075
2	S.P, Ganjam	Brijesh Kumar Rai, IPS	Home	06811-263366	9438916720
3	S.P, Berhampur	Pinak Mishra, IPS	Home	0680-2201991	9438916670
4	ADM (Rev),Ganjam	Laxmi Kanta Sethi, OAS(S)	R&DM	06811-263927 (O) 06811-263964(R)	9437147962
5	ADM (Gen),Ganjam	Sri Kabindra Kumar Sahoo, OAS(S)	R&DM	06811-263948 (O) 06811-263928 (R)	9437084525
6	P.D, DRDA, Ganjam	Er. Sidhharth Sankar Swain, IAS	PR&DW	06811-263965	9437063965
7	P.D, DUDA, Ganjam	Sabyasachi Hota	H & UD		9437563800
8	Sub-Collector, Chatrapur	Priyaranjan Prusty	R&DM	06811-263923	9437857060
9	Sub-Collector, Berhampur	Diganta Routray	R&DM	0680-2281413(O) 0680-2281212(R)	9437488188
10	Sub-Collector, Bhanjanagar	Rajendra Minz	R&DM	06821-241002(O) 06821-241003(R)	9439026010
11	CDM & PHO	Dr.Bijay Ku Panigrahi	H&FW	0680-2225383	9437358542
12	CDVO	Dr.Trinath Nayak	ARD	0680-2226131	9437212334
13	Dist.Emergency Officer	Dist.Emergency Officer Devraj Patra		06811-263978	9556245224
14	DFO, Gh.South, Bnj.	Bijay Ketana Acharya	Forest & Env.	06821-241015	9437060082
15	DFO, Gh.North, Bnj.	Satya Narayan Behura	Forest & Env.	06821-241008	9437886924
16	DFO, Berhampur (Forest)	Asis Behera	Forest & Env.	0680-2281354	9437002354
17	Civil Supplies Officer	Bishnu Prasad Supakara	FS & CW	06811-263931	9438200041
18	GM, DIC, Bam.	Surya Madhav Panigrahi	MSME	0680-2290715	8763675369
19	Dist. Tourist Officer,Bam	Sanatan Naik	Tourism		9437358226
20	DLO, Bam.	Babu Charan Patra	L&ESI	0680-2221952	9437460762
21	DLO, Chatrapur	Siba Narayan Sahoo	L&ESI	06811-260060	9439901100
22	Dist. Panchayat Officer	Dhramananda Sethia	PR & DW	06811-263954	9437338677
23	DPM, OLM	Nabin Kumar Senapati	PR & DW		9437626464
24	DCPO, Ganjam	Subhendu Sadangi	WCD & MS	06811-260188	9439458773
25	Dist. Social Security Officer	S.K. Maharana	SSEPD	06811-263968	9437394920
26	Dist. Election Officer	Bijayananda Sethy,OAS	Home	06811-263859	8637252328
27	DI & PRO	Biranchi Pradhan	I&PR	06811-263963	9438087049
28	Dist. Welfare Officer	Parikhita Das	ST&SC DD	06811-263977	9437301608
29	Dist. Culture Officer	Sukuru Swain	OLL&C	06811-263752	9437294297
30	Dist. Education Officer	Dr.Sanatan Panda	s&me	0680-2233350	9437114952
31	DPC, SSA, Chatrapur	Binita Senapati	s&me		7978849509
32	Dist. Treasury Officer	Bhagyadhara Mallik,	Finance	06811-263938	9853586908
33	Dist. Social Welfare Officer	Manorama Reddy	SSEPD		9437262651
34	Dist. Planning Officer		P&C	06811-263924	
35	Dist. Information Officer	Subash Chandra Mishra	NIC	06811-263106	
36	Dist.Fisheries Officer	Pramod Kumar Rout	F&ARD		9556484599
36	Dist. Fisheries Officer, B&T, Balugam	Khetrabasi Behera	F&ARD		9937425481
37	Dy. Director Agriculture	Manoj Kumar Behera	A&FE	0680-2290239	9437579780/ 9437483895
38	Dy. Director Horticulture	Digambar Panda	A&FE	0680-2292990	9437043872
39	DSP, DIB, Ganjam, Chatrapur (Police)	Pradeep Kumar Dalai	Home		9437167877
40	DSP, DIB, Berhampur (Police)	Ajay Kumar Mishra	Home		9439622682

SI. No	Designation	Name of the Officer	Department	Office Telephone No. with STD Code	Mobile No.
41	Dy. Director Fisheries	Siba Prasad Bhoi	F&ARD		9939507330/ 9439507330
42	PD, Watershed,Gm. Bam.	Susanta Das, Dy Dir. Soil Con cum-PD	Soil Conservation	0680-2281903	9437239510
43	DRCS, Bam.	S.K. Panda	Co-operation		9437217251
44	Dy. Director Textiles, Bam.	Prasanna Kumar Singh	HT&H	0680-2291234	8895552711
45	Dy. Director Planning & Statistics	Alekha Kumar Sethy	P&C	0680-2281395	9556942282
46	Commandant, Coast Guard, ICGS, Gopalpur	Asutosh Behera	Ministry of Defence	06811-260177	9437581972/ 9938589985
47	Asst. Comdt., Coast Guard, ICGS, Gopalpur	Pankaj Jha	Ministry of Defence	06811-260177	8547932588
48	Commandant, ODRAF	Udaya Ku. Rath, OSAP 8th Bn. Chatrapur	Home	06811-254015/ 254011	9437233728
49	SI (Armed), ODRAF	Ashok Kumar Behera	Home		9437866774
50	ASI,ODRAF	S.S.N. Rao	Home		9437820811
51	Dist. Project Officer, OSDMA	Prabhu Prasad Maharana	R&DM	06811-263978	9438400864
52	Dist. Fire Officer, SR, Bam	Sanjiv Pradhan, IPS	Home	0680-2220028/ 2220050	9437188978
53	Asst. Fire Officer, Chatrapur	Kailash Sahu	Home	06811-262600	8249813366
54	Asst. Fire Officer,Bam.	Sanatan Mahapatra	Home	0680-2223333	9438650085 / 9583384514 / 7008513096
55	MKCG MC&H  Amitab Mohanty, Hospital  Manager, Bam.  H&FW			9439990133	
56	RTO, Ganjam, Chatrapur	Sanjay Kumar Biswal	C&T	06811-263974	9437166372
57	RTO, Bhanjanagar	Suvendu Ranjan Ray	C&T		9438144755
58	Regional Officer, SPCB, Bam.	Mitrasen Majhi	Forest & Environment	0680-2281075	9438883943
59	GM, SOUTHCO, Bam.	Lenka Prasad	Energy		9437959700
60	Secretary, BeDA		H&UD	0680-2292797	
61	RDC (SD), Bam.			0680-2281594/2281456	
62	Superintendent of Excise	Ashok Kumar Satapathy	Excise	06811-263949	9437203826
63	Asst. Director Statistics	Dr. Kulamani Rout	P&C	0.600 0.404140	9437747930
64	AD F&B	Bibhu Prasad	L&ESI	0680-2404140	7008310190
65	Asst. Fisheries Officer, B&T, Balugaon	Satya Narayan Mishra	F&ARD		9438745075
66	Addl. Fisheries Officer, Marine	Shyama Prasad Panda	F&ARD		9437258836
67	se,southco	N.N Panda, Bam.	Energy		9437480014
68	ee,southco	Prabhat Kumar Kar, GNED,Chatrapur	Energy		9437959788
69	EE, RWS&S, Bam.	Pratap Chandra Mahapatra	PR&DW		8280408041 / 9438419968
70	EE RWSS, Bhanjanagar	Aurobindo Jena	PR&DW		8280408042
71	EE R&B, Divn-I, Bam.	Binod Kumar Padhi	Works	0680-2233683	9439399999
72	EE R&B, Divn-II, Bam.	Abanikanta Das	Works	0680-2233996	9438041199
73	EE R&B, Divn, Bhanjanagar	R.P. Swain	PWD		8763477445
74	EE RWD-I, Bam.	P. K. Mishra	RD		9437255319
75	EE RWD-II, Bam.	P.K. Jena	RD	0680-2404096	9437255320
76	EE RWD, Bhanjanagar	Trilochan Nahak	RD NVID	0400 000004	9437255459
77	EE, MI Divn-I, Bam.	Gopal Krushna Das	DoWR DoWR	0680-2290896	9437857945 9437413327
78	EE, MI Divn-II, Bam.	Manas Ranjan Das	DOWK		743/41332/

SI. No	Designation	Name of the Officer	Department	Office Telephone No. with STD Code	Mobile No.
79	EE, MI Divn, Bhanjanagar	Kishore Chandra Pala	DoWR		9437858094
80	EE, LI Divn.Bam.	Ajit Kumar Sahu	DoWR	0680-2270663	9437217927
81	EE Bnj. Irr.Divn. Bhanjanagar	N.R. Samantaray	DoWR	06821-241004	9437623588
82	EE Bam. Irr, Divn. Bam.	Bijaya Kumar Pala	DoWR	0680-2281983	9437236162
83	EE Chikiti Irr.Divn, Bam.	Dillip Kumar Das	DoWR		9437092530
84	EE Bhagalati Irr. Project	Sanjiv Kumar Das Sharma	DoWR		9437259292
85	EE Khurda Irr. Divn.	Sunil Behera	DoWR		9437600266
86	EE PHED, Bam.	Sitaram Panda	H&UD	0680-2233978	9437192359
87	EE PHED, Chatrapur	Rama Chandra Samantray	H&UD	06811-263909	9437232715
88	EE, Drainage Divn. Bam.	S Sampada Rao	DoWR		9437235600
89	EE, NH, Bam.	Satyanarayan Sahu	Works	0680-281544	9437079856
90	BSNL, Chhatrapur	J Mohapatra, SDO	DoT		9437012500
91	BSNL	S K Mohapatra, AGM, CMTS,	DoT		9437037200
92	BSNL	K. S. Sudarsan, AGM	DoT		9437964664
93	BSNL	R N Behera, DGM	DoT		9437485675
94	Dy Collector (Rev.)	Dibya Lochan Mahanta	R &DM		9437230451
95	LDM	S K Choudhury	DoFS		9437062399
96	DeGM ,Ganjam	A.Guruprasad Dora	GA & PG		9438344830
97	Reliance Jio,	Rashmi Ranjan Dash	Pvt. Company		9078076761
98	Reliance, Jio,	Sitakanta Mahapatra	Pvt. Company		9937959784
99	Vodafore Idea Ltd.	Sanjay Kumar Patnaik	Pvt. Company		9090135004
100	Grasim Industries Limited	K.G. Ganeriwal, HR, IR& Admin. Chemical Divn.Gm	Pvt. Company	06811-254329/ 254336	7077719651
101	IRE Ltd. Matikhalo	G. K .Nayak, DGM (Resource & I/c HRM)	DoAE		9437262215
102	Gopalpur Ports Ltd.	Capt. Sandeep Aggarwal,	C & T		9819291991
103	Gopalpur Ports Ltd.	D.Kanha,DGM (Tech)	C & T		9437886946
104	Saraff Agencies Pvt. Ltd.	H.P.Acharya, Asst. VP	Pvt. Company		8114382061
105	Saraff Agencies Pvt. Ltd.	Dr. J.Nayak, GM (HR & Admin.)	Pvt. Company		7381072251
106	Tata Steel Ltd.(Ferro Alloys Plant, Gopalpur, At- Chamakhandi)	K S Maity, Plant Head	Pvt. Company		9238087520
107	Tata Steel Ltd.	B. Srinivas, Factory Manager	Pvt. Company		9238087014
108	Tata Steel Ltd.	Niranjan Mishra, Liaison Officer	Pvt. Company		7328829648

# **LIST OF BLOCK DEVELOPMENT OFFICERS:**

Sl. No	Name of the Blocks	Name of the Officer	Department	Office Telephone No. with STD Code	Mobile No.
1	Chatrapur/	Ambika Prasad Dash, OAS	PR&DW	06811-263912	9438811153
2	Ganjam	Jyoti Sankar Ray , OAS	PR&DW	06811-254345	8280405125 / 9040217881
3	Khallikote	Nabakrushan Jena, OAS	PR&DW	06810-256331	9437878028
4	Beguniapada	Anil Mallik , OAS	PR&DW	06810-260440	6370642461
5	Polasara	Sambhunath Nandi ,OAS	PR&DW	06810-282227	8763069379
6	Purushottampur	Satyasundar Rout, OAS	PR&DW	06811-275323	8280405133 / 9437672601
7	Kabisuryanagar	Basudev Nayak, OAS	PR&DW	06810-270635	9437239100
8	Hinjilicut	Prasanna Kumar Patra, OAS	PR&DW	06811-280032	8280405126 / 9439614769
9	Rangeilunda	Kumar Nagabhusan, OAS	PR&DW	0680-2248563	8280405134 / 9556505509
10	Kukudakhandi	Jiban Mallick, OAS	Jiban Mallick, OAS PR&DW		8917247775
11	Digapahandi	HaladharSabar, OAS	PR&DW	06814-247338	9556571690
12	Sanakhemundi	Siba Sankar Mishra, OAS	PR&DW	06814-253727	8280405135
13	Chikiti	FalguniMajhi, OAS,	PR&DW	0680-2497228	9437446551
14	Patrapur	Prakash Dash, OAS	PR&DW	0680-2642224	9437673065
15	Bhanjanagar	Anil Shetty, OAS,	PR&DW	06821-241085	9937176679
16	Bellaguntha	Saroj Behera, OAS	PR&DW	06821-258029	9437337167
17	Buguda	Sukanta Majhi,OAS	PR&DW	06818-251123	9178805341
18	Jagannathprasad	Ashok Kumar Behuria, OAS	PR&DW	06818-262129	9437632515
19	Aska	Gayatridatta Nayak, OAS	PR&DW	06822-273619	8280405116 / 9439539592
20	Dharakote	Ajay Kumar Pradhan, OAS	PR&DW	06822-268135	9437360456
21	Surada	Simanchal Mondal,OAS	PR&DW	06819-270135	8895955935
22	Sheragada	Suranjan Sahu, OAS	PR&DW	06822-255623	8280405136 / 8895587616

# **LIST OF TAHASILDARS:**

SI. No.	Name of the Tahasil	Name of the Officer	Department	Office Telephone No. with STD Code	Mobile No.
1	Chatrapur	Nila Madhab Bhoi, OAS	R&DM	06811-263973	9437459144
2	Ganjam	Abani Kumar Sahu, OAS	R&DM	06811-254045	9937163854
3	Khallikote	Chita RanjanMahanta, OAS	R&DM	06810-256332	7683930845
4	Kodala	Prabhat Parida, OAS	R&DM	06810-268323	9439197710 / 6371399470
5	Purushottampur	Arun Kumar Naik, OAS	R&DM	06811-275345	9439264898
6	Hinjilicut	Gopinath Kanhar, OAS	R&DM	06811-280219	9438563866
7	Polasara	Ashok Kumar Pradhan (I/cTdr.)	R&DM	06810-282577	8420927804
8	Kabisuryanagar	Prakash Chandra Mishra, OAS	R&DM	06810-270212	9178220780
9	Berhampur	Dayamaya Padhi, OAS	R&DM	0680-2203824	8249117584
10	Chikiti	Haraprasad Bhoi, OAS	R&DM	0680-2487281	9439182600
11	Patrapur	Srinivas Behera, OAS	R&DM	0680-2112280	7894831370 / 9337071101
12	Konishi	Anita KumariSahoo, OAS	R&DM	0680-2248438	8895734954
13	Digapahandi	Adaita Ku Swain, OAS,	R&DM	06814-247328	9438325888
14	Sanakhemundi	Amit Kumar Nayak, OAS	R&DM	06814-253744	8895127384
15	Kukudakhandi	Subash Chandra Raita, OAS	R&DM	0680-2485551	7683909895
16	Bhanjanagar	Anil Kumar Acharya (I/c Tdr.)	R&DM	06821-241013	8908928508
17	Aska	Subash Sethia, OAS	R&DM	06822-273620	9668758712
18	Surada	Amar Basantrai,OAS	R&DM	06819-270130	9437385348
19	Buguda	Sangram Kesari Jena, OAS	R&DM	06818-250139	9937163024
20	Dharakote	Gadadhara Patra, OAS	R&DM	06822-268100	9438354566/ 9437360456
21	Sheragada	Dayasinghu Parida, OAS,	R&DM	06822-255623	9861140619
22	Jagannathprasad	Basudev Panda, OAS	R&DM	06818-262666	8114837479 / 6371731035
23	Bellaguntha	Saroj Behera, OAS	R&DM		9437337167

# LIST OF EXECUTIVE OFFICERS & COMMISSIONER OF ULBS:

SI. No.	Name of the ULB	Name of the Officer	Department	Office Telephone No. with STD Code	Mobile No.
1	BeMC, Berhampur	C.S. Rathore, IAS, Commissioner	H&UD	0680-2250245	9437102067
2	Chatrapur	ur Gourahari Panda, EO		06811-263975	9438251903
3	Ganjam	Sunil Kumar Tudu, EO	H&UD	06810-254357	7327030040
4	Rambha	Dr.Maheswar Das, EO	H&UD	06810-278336	7008328838
5	Hinjilicut	Ashok Kumar Panda, EO	H&UD	06811-280025	9438342414
6	Kodola	Swampna Padhy, EO	H&UD	06810-268335	9439063503
7	Khallikote	Ramchandra Mishra, EO	H&UD	06810-256333	9438078503
8	Purushottampur	A Nageswar Rao,EO	H&UD	06811-275333	9439957729
9	Kabisuryanagar	Bibekananda Nayak,EO	H&UD	06810-270623	8895772966
10	Polosara	Prasanna Kumar Dash, EO	H&UD	06810-282235	9861167787
11	Buguda	Rashmi Ranjan Dash, EO	H&UD	06818-250135	9438089891
12	Digapahandi	Purna Chandra Dakua, EO	H&UD	06814-247330	9438211805
13	Chikiti	Sujit Ku.Choudhury, EO	H&UD	0680-2497222	8895196088
14	Gopalpur	Uma SankarSethy, EO	H&UD	0680-2343029	9437773102
15	Aska	Ashok Kumar Panda, EO	H&UD	06822-273068	9438604486
16	Bhanjanagar	Bhanjaram Biswal, EO	H&UD	06821-241107	9438342244
17	Bellaguntha	Sunil Kumar Tripathy, EO	H&UD	06821-258044	9438604486
18	Sorada	Bipini Kumar Pradhan, EO	H&UD	06819-270129	9439304077

# CONTACT LIST OF MEDICAL OFFICER I/C, SDMOS

SI No.	Name	Designation	Mob No.	Block
1	Dr.S.S PANIGRAHY	Medical Officer I/c	9439983758	Belaguntha
2	Dr. B.Gopal Ch. Rao	Medical Officer I/c	9439984361	Buguda
3	Dr. Sudhakar Dash	Medical Officer I/c	9439983138	Ganjam
4	Dr. RAMA CHANDRA MOHANTY	Medical Officer I/c	9439983032	Rangeilunda
5	Dr.BIREN KUMAR NAYAK	Medical Officer I/c	9439985069	Soroda
6	DR. PRADEEP KUMAR MISHRA	Medical Officer I/c	9439985026	Sankhemundi
7	Dr. LAXMI NARAYAN PANIGRAHI	Medical Officer I/c	9439984486	Patrapur
8	Dr. B.B.Ghadai	Medical Officer I/c	9439983211	Aska
9	DR PANKAJ PRAVA SWAIN	Medical Officer I/c	9439983168	Beguniapada
10	DR. SISIR KUMAR SABAT	Medical Officer I/c	9439984400	Bhanjanagar
11	DR. MAHENDRA KUMAR SAHU	Medical Officer I/c	9439985198	Chikiti
12	Dr. SudarshnaSahu	Medical Officer I/c	9439984441	Hinjilicut
13	Dr Narayan Behera	Medical Officer I/c	9439983089	J N Prasad
14	Dr\$ukanta Chandra Ratha	Medical Officer I/c	9439985106	Kabi Surya Nagar
15	Dr.MamataSahu	Medical Officer I/c	9439983872	Khallikote
16	Dr.I.Gopal	Medical Officer I/c	9439983873	Kukudakhandi
17	Dr. RABI NARAYAN DASH	Medical Officer I/c	9439983912	Polosora
18	Dr. ParsuramChampati Roy	Medical Officer I/c	9439985237	Sheragada
19	DR BASANTA PRADHAN	Medical Officer I/c	9439983781	Chhatrapur
20	Dr. SARAT KUMAR SAMAL	Medical Officer I/c	9439985149	Purushottampur
21	Dr. M.V.K ASHOK	Medical Officer I/c	9439984277	Dharakote
22	Dr SISIR KUMAR PRADHAN	Medical Officer I/c	9439984308	Digapahandi
23	DR. BIJAYA KUMAR PANDA	SDMO	9439983081	SDH- Bhanjanagar
24	DR J M BEBARTA	SDMO	9439983822	SDH- Chatrapur
25	Dr. SAROJ KUMAR MISHRA	ADMO(Med)	9439985004	DHH Berhampur

# **HELPLINE NUMBERS**

SL. NO.	DETAILS	PHONE NO.
1	District Emergency Centre (DEOC), Ganjam (Toll free)	1077
2	State Emergency Centre (SEOC), Bhubaneswar	0674-2534177
3	Police Station (Toll free)	100
4	S.P. Ganjam	06811-263366
5	Fire Station	101
6	Ambulance	102
7	Emergency Medical Service	108
8	Women Distress	181
9	Swadhar Gruha, Women Helpline (Toll Free)	1091
10	Labour Helpline	155368
11	Children Helpline	1098
12	Kisan Call Centre	1800-180-1551
13	APICOL	0674-2354125& 0674-2354006
14	My Gov Toll Free Number for Mann Ki Baat for ideas and suggestions	1800-11-7800
15	Aadhar Card (UIDAI)	1947
16	FS & CW Department,Odisha,Bhubaneswar	1967
17	Consumer Advice Centre,Bhubaneswar	1800-345-6760
18	Citizen's Call Centre	155300
19	Crime Stopper	1090
20	SSD Department Student Helpline	1800-345-3040



# 1. SOCIO ECONOMIC PROFILE:

## 1.1 <u>Administrative Set Up:</u>

	RURAL					
SI. No	Name of the Sub-Division	Name of the Block	No. of Gram Panchayats	No. Of Villages	Name of the Tahsils	No. of RI Circle
1		Bhanjanagar	20	145	Bhanjanagar	8
2		Jagannathprasad	24	149	Jagannathprasad	8
3		Buguda	20	98	Buguda	4
4	Dhanianagan	Bellaguntha	18	91	Bellaguntha	6
5	Bhanjanagar	Surada	25	282	Surada	6
6		Dharakote	17	205	Dharakote	7
7		Aska	27	110	Aska	8
8		Sheragad	22	111	Sheragad	9
9		Kabisuryanagar	21	74	Kabisuryanagar	5
10		Polasara	26	137	Polasara	9
11		Beguniapada	22	182	Kodala	7
12	Ch atua a	Khalikote	26	219	Khalikote	11
13	Chatrapur	Ganjam	14	111	Ganjam	6
14		Purusottampur	26	96	Purusottampur	11
15		Hinjilicut	21	52	Hinjilicut	15
16		Chhatrapur	17	80	Chhatrapur	11
17		Sanakhemundi	21	163	Sanakhemundi	7
18		Digapahandi	24	236	Digapahandi	13
19		Patrapur	23	356	Patrapur	8
20	Berhampur	Chikiti	17	137	Chikiti	7
21		Kukudakhandi	20	99	Kukudakhandi	14
22		Rangeilunda	24	83	Kanisi	13
23		-	0	0	Berhamapur	6
	TC	TAL	475	3216		199

	URBAN					
Sl. No.	Name of the Sub-Division	Name of the ULB	No. of Wards			
1		Aska	18			
2		Bellaguntha	13			
3	Bhanjanagar	Bhanjanagar	15			
4		Buguda	13			
5		Sorada	11			
6		Chikiti	12			
7	D	Digapahandi	11			
8	Berhampur	Berhampur(BMC)	40			
9		Gopalpur	11			



SI. No.	Name of the Sub-Division	Name of the ULB	No. of Wards
10		Chatrapur	14
11		Ganjam	12
12		Hinjilicut	21
13		K.S.Nagar	18
14	Chatrapur	Khallikote	12
15		Rambha	13
16		Kodala	13
17		Polasara	19
18		Purushottampur	14
		TOTAL	280

## 1.2 <u>Demographic Details</u>:

SI.	Name of the	Total	Cate	gory		Cate	gory		Cate	gory
No	Block	Number of Families/HH	Rural	Urban	sc	ST	OBC	GEN	BPL	APL
1	Aska	30345	30345	0	N.A	N.A	N.A	N.A	N.A	N.A
2	Beguniapada	28632	28632	0	N.A	N.A	N.A	N.A	N.A	N.A
3	Bellaguntha	23700	23700	0	N.A	N.A	N.A	N.A	N.A	N.A
4	Bhanjanagar	30833	30833	0	N.A	N.A	N.A	N.A	N.A	N.A
5	Buguda	25270	25270	0	N.A	N.A	N.A	N.A	N.A	N.A
6	Chatrapur	29492	29492	0	N.A	N.A	N.A	N.A	N.A	N.A
7	Chikiti	22817	22817	0	N.A	N.A	N.A	N.A	N.A	N.A
8	Dharakot	23497	23497	0	N.A	N.A	N.A	N.A	N.A	N.A
9	Digapahandi	32691	32691	0	N.A	N.A	N.A	N.A	N.A	N.A
10	Ganjam	19426	19426	0	N.A	N.A	N.A	N.A	N.A	N.A
11	Hinjilicut	24152	24152	0	N.A	N.A	N.A	N.A	N.A	N.A
12	J.N.Prasad	30706	30706	0	N.A	N.A	N.A	N.A	N.A	N.A
13	K.S.Nagar	24160	24160	0	N.A	N.A	N.A	N.A	N.A	N.A
14	Khallikote	35472	35472	0	N.A	N.A	N.A	N.A	N.A	N.A
15	Kukudakhandi	30722	30722	0	N.A	N.A	N.A	N.A	N.A	N.A
16	Patrapur	28501	28501	0	N.A	N.A	N.A	N.A	N.A	N.A
17	Polasara	28758	28758	0	N.A	N.A	N.A	N.A	N.A	N.A
18	Purushottampur	31150	31150	0	N.A	N.A	N.A	N.A	N.A	N.A
19	Rangeilunda	34735	34735	0	N.A	N.A	N.A	N.A	N.A	N.A
20	Sanakhamundi	34340	34340	0	N.A	N.A	N.A	N.A	N.A	N.A
21	Sheragada	26128	26128	0	N.A	N.A	N.A	N.A	N.A	N.A
22	Sorada	32134	32134	0	N.A	N.A	N.A	N.A	N.A	N.A
	Total	627661	627661							

Source: A.D. Statistics, Directorate of Economics and Statistics



SI.		Total	Cat	egory		Cat	egory		Cate	gory
No.	Name of the ULB	Number of Families/HH	Rural	Urban	sc	ST	OBC	GEN	BPL	APL
1	Aska	4581	0	4581	N.A	N.A	N.A	N.A	N.A	N.A
2	Bellaguntha	2317	0	2317	N.A	N.A	N.A	N.A	N.A	N.A
3	Berhampur(BMC)	74720	0	74720	N.A	N.A	N.A	N.A	N.A	N.A
4	Bhanjanagar	4546	0	4546	N.A	N.A	N.A	N.A	N.A	N.A
5	Buguda	3179	0	3179	N.A	N.A	N.A	N.A	N.A	N.A
6	Chatrapur	4841	0	4841	N.A	N.A	N.A	N.A	N.A	N.A
7	Chikiti	2465	0	2465	N.A	N.A	N.A	N.A	N.A	N.A
8	Digapahandi	2955	0	2955	N.A	N.A	N.A	N.A	N.A	N.A
9	Ganjam	2523	0	2523	N.A	N.A	N.A	N.A	N.A	N.A
10	Gopalpur	1480	0	1480	N.A	N.A	N.A	N.A	N.A	N.A
11	Hinjilicut	5189	0	5189	N.A	N.A	N.A	N.A	N.A	N.A
12	K.S.Nagar	3562	0	3562	N.A	N.A	N.A	N.A	N.A	N.A
13	Khallikote	2769	0	2769	N.A	N.A	N.A	N.A	N.A	N.A
14	Kodala	2802	0	2802	N.A	N.A	N.A	N.A	N.A	N.A
15	Polasara	4806	0	4806	N.A	N.A	N.A	N.A	N.A	N.A
16	Purushottampur	3224	0	3224	N.A	N.A	N.A	N.A	N.A	N.A
17	Rambha	2495	0	2495	N.A	N.A	N.A	N.A	N.A	N.A
18	Sorada	3152	0	3152	N.A	N.A	N.A	N.A	N.A	N.A
	Total	131606	0	131606						



#### 1.3 <u>Population and its composition</u>:

SI.	Name of the Block		Total		S	С	S	ST .	Othe	ers
No		М	F	Т	М	F	М	F	М	F
1	Aska	71886	72246	144132	13357	13624	456	496		
2	Bellaguntha	56309	57127	113436	8034	8465	338	325	47937	48337
3	Bhanjanagar	70161	68613	138774	15973	15923	6164	6164	48024	46526
4	Buguda	56457	57815	114272	11897	12290	1033	1062	43527	44463
5	Chatapur	67589	68162	135751	17793	17709	264	254	49532	50199
6	Chikiti	51863	52709	104572	14471	14286	1568	1678	35824	36745
7	Dharakote	53463	54483	107946	9897	10548	4335	4510	39231	39425
8	Digapahandi	74498	73986	148484	11270	11472	4858	4994	58370	57520
9	Ganjam	44629	44541	89170	10880	10648	269	183	33480	33710
10	Hinjilicut	53894	55983	109877	14126	14619	43	48	39725	41316
11	J.N.Prasad	65975	65351	131326	15985	15706	3585	3563	46405	46082
12	K.S.Nagar	57396	56958	114354	10737	10914	178	188	46481	45856
13	Khallikote	86601	82570	169171	19982	19555	2883	3207	63736	59808
14	Begunipada	67561	66532	134093	12672	12670	2487	2394	52402	51468
15	Kukudakhandi	75410	71903	147313	17793	17814	3486	3559	54131	50530
16	Patrapur	62981	65730	128711	9309	10116	8938	8992	44734	46622
17	Polasara	66662	66724	133386	11516	12038	1869	1957	53277	52729
18	Purushottampur	70978	72178	143156	21917	22265	123	129	48938	49784
19	Rangeilunda	81595	79777	161372	14168	14608	460	267	66967	64902
20	Sanakhemundi	83341	79797	163138	10928	11147	3729	3906	68684	64744
21	Sheragada	64894	62913	127807	12528	12666	582	613	51784	49634
22	Surada	72162	71266	143428	14581	14740	8515	8596	49066	47930
	Total	1456305	1447364	2903669	299814	303823	56163	57085	1100328	1086456



SI.	Name of the		Total		S	С	S	T	Oth	ners
No	ULB	М	F	Т	М	F	М	F	М	F
1	Aska	10961	10467	21428	1914	1880	92	83	8955	8504
2	Bellaguntha	5664	5633	11297	766	831	163	144	4735	4658
3	Berhampur (M.Corp)	185754	170844	356598	17644	17493	1661	1409	166449	151942
4	Bhanjanagar	10308	10174	20482	1811	1975	121	140	8376	8059
5	Buguda	7781	7395	15176	930	954	121	117	6730	6324
6	Chatapur	11100	10927	22027	1362	1484	156	142	9582	9301
7	Chikiti	5934	5711	11645	1340	1373	31	29	4563	4309
8	Digapahandi	6679	6511	13190	1160	1127	68	68	5451	5316
9	Ganjam	6071	5676	11747	1482	1456	2	2	4587	4218
10	Gopalpur	3622	3599	7221	340	341	13	9	3269	3249
11	Hinjilicut	12678	11993	24671	2556	2522	45	45	10077	9426
12	K.S.Nagar	9005	8425	17430	1431	1394	43	14	7531	7017
13	Khallikote	6734	6288	13022	935	919	300	267	5499	5102
14	Kodala	7234	6731	13965	608	614	9	8	6617	6109
15	Polasara	11876	11243	23119	1651	1585	87	89	10138	9569
16	Purushottampur	7894	7472	15366	2157	2057	6	10	5731	5405
17	Rambha	6113	5998	12111	1981	1979	8	4	4124	4015
18	Sorada	7505	7362	14867	2229	2317	83	91	5193	4954
	Total	322913	302449	625362	42297	42301	3009	2671	277607	257477



## 1.4 Religion wise distribution of Population:

	URBAN (ULB Wise)							
SI.	Name of the ULB	Total			egory			
No.		Population	Hindu	Muslim	Christian	Sikh	Others	
1.	Aska	21428	21040	322	49	2	15	
2.	Bellaguntha	11297	11213	60	16	2	6	
3.	Berhampur (BMC)	356598	343681	7317	4320	185	1095	
4.	Bhanjanagar	20482	19712	483	226	2	59	
5.	Buguda	15176	15100	22	4	3	47	
6.	Chatrapur	22027	21263	394	322	8	40	
7.	Chikiti	11645	11461	83	76	1	24	
8.	Digapahandi	13190	13063	92	9	4	22	
9.	Ganjam	11747	11652	7	84	2	2	
10.	Gopalpur	7221	5828	270	1051	33	39	
11.	Hinjilicut	24671	24588	31	6	1	45	
12.	K.S.Nagar	17430	17314	81	16	0	19	
13.	Khalikote	13022	12896	97	7	2	20	
14.	Kodala	13965	13797	127	10	0	31	
15.	Polasara	23119	23047	47	5	1	19	
16.	Purushottampur	15366	15328	24	2	1	11	
17.	Rambha	12111	12000	37	59	1	14	
18.	Sorada	14867	13766	278	778	2	43	
TOTAL.	,	625362	606749	9772	7040	250	1551	

	RURAL (BLOCK Wise)								
SI.	Name of the Block	Total	Total Category						
No.	Name of the block	Population	Hindu	Muslim	Christian	Sikh	Others		
1.	Aska	144132	143295	278	384	13	162		
2.	Beguniapada	134093	133176	59	632	9	217		
3.	Bellaguntha	113436	112458	131	646	11	190		
4.	Bhanjanagar	138774	137637	101	607	9	420		
5.	Buguda	114272	113614	115	353	10	180		
6.	Chatrapur	135751	134789	140	668	33	121		
7.	Chikiti	104572	103190	265	850	18	249		



SI.	Name of the Block	Total		C	ategory		
No.	Name of the block	Population	Hindu	Muslim	Christian	Sikh	Others
8.	Dharakot	107946	106838	118	765	18	207
9.	Digapahandi	148484	147499	358	454	11	162
10.	Ganjam	89170	88596	30	406	28	110
11.	Hinjilicut	109877	109314	77	366	11	109
12.	J.N.Prasad	131326	130646	168	368	17	127
13.	K.S.Nagar	114354	113057	719	356	16	206
14.	Khalikote	169171	168094	102	773	12	190
15.	Kukudakhandi	147313	146269	151	768	7	118
16.	Patrapur	128711	127669	66	836	11	129
17.	Polasara	133386	132220	76	918	14	158
18.	Purusottampur	143156	142524	61	368	9	194
19.	Rangeilunda	161372	160410	148	681	58	75
20.	Sanakhamundi	163138	160881	186	1824	4	243
21.	Sheragada	127807	126178	124	1221	14	270
22.	Sorada	143428	141076	70	2151	7	124
	TOTAL.	2903669	2879430	3543	16395	340	3961

#### 1.5 Particularly Vulnerable Tribal Groups (PVTGs)/ PTGs:

SI.	Name of the	Total No. of	Population			Populat	•
No.	PVTG/PTG	Households	М	F	T	Yea	ars)
1	Saora	2050	2003	2037	4040	-	-
	Total	2050	2003	2037	4040	~	~

Source: Socio-economic survey conducted by SCSTRTI

#### 1.6 Age Group:

SI. No.	Category	Total Population	Male	Female
1	0-5 Years	355007	186187	168820
2	6-14 Years	662224	335764	326460
3	15-59 Years	2160546	1080891	1079655
4	60 Years and above	351254	176376	144878
	Total	3529031	1779218	1719813

Source: A.D. Statistics, Directorate of Economics and Statistics



#### 1.7 Sex Ratio:

Sex Ratio (Females per 1000 males):F 983/M1000

Sex Ration (0-6 Years): F 908/M1000

Source: A.D. Statistics, Directorate of Economics and Statistics

#### 1.8 <u>Literacy</u>:

Sl. No.		Total	Male	Female
1	Literates	2210050	1262652	947398
2	Literacy Rate	71.09	80.99	61.13

Source: A.D. Statistics, Directorate of Economics and Statistics

#### 1.9 <u>Workforce Participation</u>:

SI. No.	Category	Male	Female	Total
1	Workers	990027	511745	1501772
2	Main Workers	718163	182581	900744
3	Marginal Workers	271864	329164	601028
4	Non- Workers	789191	1238068	2027259

Source: A.D. Statistics, Directorate of Economics and Statistics



## 1.10 Land Holding Pattern:

SI. No	Block	Land less HHs	Share Croppers	Marginal Farmers (<1.0 Ha.)	Small Farmers (1.0 to < 2 Ha.)	Semi Medium (2.0 to <4.0 Ha.)	Medium Farmers (4.0 to < 10 Ha.)	Large Farmers (10.0 Ha. and above)	Average Size of Land Holdin g.
1	Aska	7134	1178	11170	2042	744	123	11	1.33
2	Bellaguntha	8523	5530	9961	1821	664	109	9	1.39
3	Bhanjanagar	8052	5332	13100	2395	873	144	12	1.55
4	Buguda	215	2886	7605	1721	1532	104	9	2.07
5	Chatrapur	1488	1861	9158	1674	610	100	9	1.35
6	Chikiti	553	1571	6753	1235	450	74	6	1.88
7	Dharakot	11863	737	11070	2024	737	121	11	1.36
8	Digapahandi	3259	6649	14480	2647	964	159	14	1.63
9	Ganjam	2572	1652	7686	1405	512	84	7	1.36
10	Hinjilicut	8513	6647	8516	1557	567	93	8	1.35
11	J.N.Prasad	99	1336	13929	2547	928	153	41	1.77
12	K.S.Nagar	5688	4892	10340	1890	689	113	10	1.14
13	Khallokote	10119	5104	10790	1973	719	118	10	1.41
14	Kodala	7359	6102	12209	2232	813	134	12	1.2
15	Kukudakhandi	4276	7486	8218	1502	547	90	8	2.03
16	Patrapur	1052	2894	13294	2430	885	146	13	1.4
17	Polasara	10933	4386	9270	1695	617	102	10	1.36
18	Purushottampur	3820	4027	11711	2141	780	129	11	1.35
19	Rangeilunda	4982	5317	7635	1396	509	84	7	1.76
20	Sanakhamundi	1203	1812	13656	2497	910	150	13	1.18
21	Sheragada	6159	1957	11835	2164	788	130	11	1.05
22	Sorada	14609	332	10683	1953	712	117	10	1.81
	TOTAL	122471	79688	233069	42941	16550	2577	252	1.47

Source: Dy. Director Agriculture, Ganjam Range, Berhampur, Dept. of Agril. & Farmer's Empowerment



## 1.11 Housing:

	Name of the Block/	Total No.	No. of		Houses					
SI. No.	ULB	of HHs	Home lessHHs	Total No.	Katcha Houses	Semi Pucca Houses	Pucca House			
1	Aska	4239	1	4238	573	291	3374			
72	Bellaguntha	2283	0	2283	430	659	1194			
3	Berhampur(BMC)	4244	21	4223	647	786	2790			
4	Bhanjanagar	64646	31	64615	3039	9604	51972			
5	Buguda	3179	0	3179	561	711	1907			
6	Chatrapur	4631	0	4631	197	902	3532			
7	Chikiti	2375	0	2375	397	214	1764			
8	Digapahandi	2962	0	2962	558	367	2037			
9	Ganjam	2416	0	2416	505	903	1008			
10	Gopalpur	1344	1	1343	512	425	406			
11	Hinjilicut	5094	8	5086	713	759	3614			
12	K.S.Nagar	3704	0	3704	530	1198	1976			
13	Khallikote	2599	1	2598	692	1033	873			
14	Kodala	2763	0	2763	844	909	1010			
15	Polasara	5129	1	5128	1417	1007	2704			
16	Purushottampur	3383	0	3383	705	1266	1412			
17	Rambha	2373	0	2373	669	751	953			
18	Sorada	3224	0	3224	923	870	1431			
	Total	120588	64	120524	13912	22655	83957			



#### 1.12 Agriculture :

SI. No.	Name of the Block	Total Area (in Hectares.)	Cultivable Area	Net Sown Area	Irrigated Area
1	Aska	23743	18759	16856	10923
2	Bellaguntha	20112	17464	16189	8102
3	Bhanjanagar	29308	25649	23977	11561
4	Buguda	30126	22695	20660	11451
5	Chatrapur	24185	15608	14425	12426
6	Chikiti	21371	16017	14430	12133
7	Dharakote	26697	19000	17918	9647
8	Digapahandi	48741	29769	25369	20048
9	Ganjam	23365	13174	12553	10467
10	Hinjilicut	16727	14470	14428	15372
11	Jagannathprasad	43269	31227	26972	10325
12	Kabisuryanagar	16640	14870	14286	6733
13	Khallikote	42565	19250	18007	9706
14	Kodala	23559	18450	17805	13402
15	Kukudakhandi	24952	21007	15639	12541
16	Patrapur	36443	23463	18686	15125
17	Polasara	22686	15850	14657	14085
18	Purushottampur	26517	19948	18927	14059
19	Rangeilunda	30628	16976	14729	14197
20	Sanakhemundi	27950	20354	19033	14119
21	Sheragada	18504	15650	14792	10869
22	Sorada	50441	24350	20783	16106
	TOTAL	628529	434000	391121	273397

Source: Dy. Director Agriculture, Ganjam Range, Berhampur, Dept. of Agril. & Farmer's Empowerment



#### 1.13 <u>Irrigation</u>:

SI.	RIOCK I		Large and Medium Irrigation Projects		Minor Irrigation Project		Lift Irrigation Point(River)		LI points (Tube wells)		LI points (Deep bore wells)	
NO		Units	Ayacut Area inHa.			No	Ayacut Area Ha.	No	Aayacut area Ha.	No	Ayacu t Area Ha.	
1	Chatrpur		7444.609	35	2674.50	35	800	55	564	1	2	
2	Ganjam		3223.280	45	3216.00	45	1025	27	270	52	304	
3	Kukudakhandi		9317.980	28	1837.00	7	168	0	0	25	50	
4	Khallikote			98	9130.00	20	532	0	0	86	172	
5	Beguniapada			85	12194.45	40	828	0	0	61	122	
6	Purushottampur		2132.123	45	4504.00	78	2072	66	704	19	38	
7	K.S.Nagar		1953.00	48	3605.75	23	488	9	90	58	116	
8	Polosara		8471.96	56	4026.00	58	1356	9	90	10	20	
9	Rangelunda		12024915	22	1229.00	10	240	0	0	0	0	
10	Chikiti		1623.172	43	4473.00	54	1540	11	100	0	0	
11	Patrapur			70	8129.00	59	1660	3	30	0	0	
12	Digapahandi		591.043	71	7875.37	57	1200	2	20	0	0	
13	Sanakhemundi		1572.35	48	6623.08	44	1022	28	294	0	0	
14	Sheragada		4406.55	43	4185.00	30	752	50	516	19	38	
15	Hinijilicut		659.40	25	1486.00	32	690	77	830	0	0	
16	Aska		6818.569	35	3057.00	33	768	130	1449	4	8	
17	Dhakarakote		1937.24	46	3331.00	55	1300	33	418	0	0	
18	Surada			60	6637.00	97	2048	25	250	0	0	
19	Bhanjanagar		6379.97	31	4416.00	68	1575	22	256	0	0	
20	Bellaguntha		4879.425	30	2558.00	24	540	47	474	0	0	
21	J.N.Prasad			82	10110.00	41	1384	22	220	0	0	
22	Buguda		5509.75	67	5590.00	31	840	0	0	0	0	
	TOTAL		5509.75	1113	110887.15	941	22828	616	6575	435	870	

Source: E.E, M.I. Divn No.I/No.II, Bam, E.E, M.I.Divn, Bhanjanagar, E.E. LI Divn. Bam, E.E, Bhanjanagar Irrigation Divn. Bhanjanagar. E.E, Bam Irrigation Divn. Bamr/E.E Chikiti Irrigation Divn. Bam, Dept. of Water Resource



## 1.14 <u>Productivity of Major Crops in the District:</u>

SI. No.	Crop	Net Sown Area	Production (in Qtls.)	Consum ption of Seeds (in Qtls.)	Consumpti on of Fertilizers (in Qtls.)	Consumpti on of Pesticides (in Qtls.)	Requirem ent of Loans (Rs. in Lakh)
1	Paddy (K)	221622	6103950	166216	354595	11081	68329
2	Paddy (R)	165	6002	124	264	8	51
3	Wheat	5	64	6	8	1	2
4	Maize	12755	239194	1913	10204	638	3933
5	Bajra	97	670	10	78	3	30
6	Jower	418	2973	42	334	10	129
7	Ragi	43063	440557	4306	34450	1077	13277
8	Milets	1480	9222	148	1184	37	456
9	Pulses	37685	247751	9421	22611	942	6110
10	Oil Seeds	22772	184284	28009	22772	569	2990
11	Vegetables	60725	6807927	455	145740	6073	29137
12	Other Cash crops	1819	1167017	163710	7003	182	1722
	TOTAL	402606	15209611	374360	599243	20621	126166

(Source: Dy. Director Agriculture, Ganjam Range, Berhampur, Dept. of Agril. & Farmer's Empowerment)



## 1.15 <u>Storage and Market Facility</u>:

			Storage & Market F	acility				
			Storage Godwns	·		d Storage Units	nent area	ary
SI. No	I Name of the RIOCK I		Name of the Godown	Storage Capacity (in Qtls.)	No	Capacity	No. of permanent mandis in the area	Others (No. of temporary mandis)
1.	ASKA	1	PEG, Karnoli	100000	-	-	1	13
2	BEGUNIAPADA	1	OSCSC	5000	-	-	1	16
3	BELLAGUNTHA	1	OSCSC	5000	-	-	1	14
4	D	2	OSCSC	5000	-	-	1	11
	BHANJANAGAR		RMC	20000	-	-		
5	BUGUDA	1	OSCSC	5000	_	-	1	13
6	CHATRAPUR	1	RMC	10000	-	-	1	14
7	CHIKITI		PEG,Patrapur		-	-	1	16
8	DHARAKOTE		(PEG,Karnoli)		-	-	0	14
9		2	(PEG,Digapahandi)	50000	-	-	1	23
	DIGAPAHANDI		Digapahandi RMC	30000	-	-	İ	
10	GANJAM	1	RMC	15000	-	-	1	18
11		2	RMC	20000	-	-	1	17
	HINJILICUT		Sapuapali RMC	20000	-	-	1	
12	JAGANATHPRASAD	1	OSCSC	5000	-	-	0	15
13	KABISURYANAGAR	1	OSCSC	5000	_	-	1	15
14		2	OSCSC	5000	-	-	1	18
	KHALLIKOTE		(PEG,Khallikote) RMC	25000	-	-		
15	KUKUDAKHANDI		PEG,Digapahandi		-	-	0	17
16	DATDADUD	2	OSCSC	5000	-	-	0	17
	PATRAPUR		(PEG,Patrapur) RMC	25000	-	-	]	
17	POLASARA	1	OSCSC	5000	-	-	1	18
18	PURUSOTAMPUR	1	OSCSC	5000	-	-	1	17
19	RANGEILUNDA	1	OSCSC	5000	-	-	1	22
20	CANDALLIENGUNDU	2	RMC	30000	-	-	0	17
	Sanakhemundi		OSCSC	5000	-	-	İ	
21	SHERAGADA		(PEG,Karnoli)		-	-	0	15
22	SURADA	1	OSCSC	5000	-	-	1	16
23	BEMC	1	Aska Road,Berhampur	8000	_	-		
	TOTAL.	25		418000	-	-	16	356
	FCI,Godowns at Berhampur			_				
	FSD,Jaganathpur{FCI}			144200	-	-		
	OSWC, Jaganathpur (FCI)			75000	-	-		
	CWC,Berhampur(FCI)			250000	-	-		
		Tota	1	469200	-	-		

Source: Civil Supplies Officer, Ganjam, Food Supplies & Consumer Welfare Department



# 1.16 Primary Agricultural Cooperative Societies:

SI. No.	Block	No. of PACs	No. of Farmers	Total amount of Seed distributed during last year (in Qtls.)	Total No. of Fertilizer distribution during last year (in Qtls.)	Total amount of Loan distributed (amount in Lakhs.)	Total amount of Paddy procured during previous season (K +R) amount in Qtls.
1	Aska	19	12283	689.20	8119.50	1238.81	209191.33
2	Bhanjanagar	13	9816	643.00	5728.00	1281.32	131663.21
3	Bellaguntha	14	13281	710.10	2835.25	3102.44	91371.00
4	Buguda	14	11367	649.60	5983.00	2101.41	118278.05
5	Dharakote	15	13290	662.00	3556.50	1095.52	139475.20
6	JN Prasad	18	13305	200.00	7611.00	1850.19	100592.20
7	Sheragada	15	12979	935.00	6259.00	1357.74	196804.90
8	Sorada	17	11378	1205.20	7280.00	1035.67	109984.50
9	Chatrapur	17	10210	784.60	6925.00	1071.03	175901.04
10	Ganjam	22	11071	876.40	4045.00	1190.71	109699.15
11	Khallikote	20	12405	932.00	7469.50	1044.99	158383.38
12	Beguniapada	21	14763	1039.20	6893.50	986.06	167852.68
13	Purushottampur	20	13380	528.40	6904.50	1376.92	314639.97
14	Hinjilicut	20	14950	1393.00	8566.00	1699.32	266196.35
15	KS Nagar	15	10503	539.40	6038.50	742.66	127732.66
16	Polasara	16	13314	150.00	5558.50	1432.62	102929.86
17	Kukudakhandi	20	20026	2332.20	8536.50	192.55	184851.29
18	Rangeilunda	24	17696	1449.20	5375.50	358.56	126922.71
19	Chikiti	19	14536	1299.60	3972.00	198.22	101068.77
20	Patrapur	17	15834	830.50	5034.00	122.54	131111.31
21	Digapahandi	23	16054	1550.70	13385.50	274.98	166149.78
22	Sanakhemundi	18	14847	1222.50	4874.30	831.83	270430.91
	Total	397	297288	20621.8	140950.55	24586.09	3501230.25

Source: Dy. Registrar of Co-operative Socities, Berhampur, Co-operation



#### 1.17 <u>Livestock</u>:

			Livestock	Population	<u> </u>	D.		
SI.	Block	Milch	Animals	Draught	Animals		equirement of odder in Qtls.	
No.	BIOCK	Cow, Buffalo	Sheep, Goat	Camel, Horse, Bullock	Donkey, Pony etc	Dry	Green	
1	BEMC	16359	1523	794	0			
2	Chikiti	14392	7500	2559	0			
3	Digapahandi	40721	26000	3783	0			
4	Kukudakhandi	20565	27915	3778	0			
5	Patrapur	27942	31219	3543	0	_		
6	Rangeilunda	14213	14214	4615	0		n fodder 30 Kg. er day per large	
7	Sanakhemundi	29280	13721	2489	0	a	nimal. 3 Kg.	
8	Aska	22432	13725	4075	0	/day/small animal.		
9	Bellaguntha	35164	18456	6341	0			
10	Buguda	22034	12745	6245	0			
11	Dharakote	21674	14250	1822	0			
12	Jagannathprasad	44072	20400	2815	0			
13	Sheragada	20415	9898	1690	0			
14	Sorada	44442	25755	1624	0			
15	Bhanjanagar	39164	19323	2341	0			
16	Chatrapur	19235	19035	2352	0			
17	Ganjam	20933	10845	3375	0			
18	Hinjilicut	17125	13800	3277	0		fodder @5Kg. day/ animal	
19	Kabisruyanagar	18733	10123	2010	0	,	day, ariirilar	
20	Khallikote	29008	26905	2706	0			
21	Beguniapada	24221	10269	1778	0			
22	Polosara	27796	12069	1942	0			
23	Purusottampur	23185	19200	3505	0			
	Total	593105	378890	69459	0			

Source: Chief Dist.Veterinary Officer, Ganjam, Berhampur, Fisheries & Animal Resources Dev. Dept.



# **FISHERY**

#### 1.18 Fisherman Community:

SI. No.	Name of the Block	Households	Population	No. of Boats/ Dugoat Canoe etc.(inland +Mariane)
1	Chatrpur	1525	8740	897
2	Ganjam	1912	16786	559
3	Kukudakhandi	205	735	22
4	Khallikote	2192	11782	1
5	Bejunabpada	806	4135	39
6	Purushottampur	2322	10775	37
7	K.S.Nagar	672	3330	0
8	Polosara	517	3790	55
9	Rangelunda	1176	4755	406
10	Chikiti	3809	11795	290
11	Patrapur	502	2385	25
12	Digapahandi	402	2057	61
13	Sanakhemundi	307	1576	12
14	Sheragada	512	1450	10
15	Hinijilicut	1125	5216	0
16	Aska	1527	7060	7
17	Dhakarakote	185	650	0
18	Surada	251	1160	135
19	Bhanjanagar	275	1325	95
20	Bellaguntha	194	1025	0
21	J.N.Prasad	227	1114	5
22	Bugugada	275	1275	30
		20918	102916	2686

Source: Dist.Fisheries Officer, Ganjam, Bam, Fisheries & Animal Resources Dev. Dept.

#### 1.19 Fish Farms:

SI. No.	Name of the Block	No. of Fish Farms	Area in Ha.	No. of Farmers involved
1	Digapahandi	2	9	18
2	K.S.Nagar	1	10.0	8
3	Bhanjanagar(OPDC)	1	39.5	19
4	J.N.Prasad	1	15.0	17
5	Ganjam	1	16.0	12
6	Chatrapur	1	14.0	10
7	Berhampur(NAC)	1	2.0	5
	Total	8	105.5	89

Source: Dist. Fisheries Officer, Ganjam, Bam, Fisheries & Animal Resources Dev. Dept.



## 1.20 Horticultural and other Plantations (Perennial Crops):

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Rangeilunda			4	6
2		Patrapur	MIDH		4	6
3	Berhmpur	Digapahandi		Cashew	4.5	8
4		Chikiti			11	20
5		Sanakhemundi			1.5	3
		Total			25	43
1		Ganjam	MIDH		3.5	7
2		Purusottampur			8	7
3		Chatarpur			18	14
4	Chatrapur	Khallikote		Cashew	10	15
5		Beguniapada			10	14
6		Polosara			3	6
7		K.S.Nagar			4	4
		Total			56.5	67
1		Bellaguntha			1	1
2	Dhanianas	J.N.Prasad	MIDII	Cachau	12	17
3	Bhanjanagar	Buguda	MIDH	Cashew	6	6
4		Sorada	1		13.2	6
		Total			32.2	30
		Grand Total			113.7	140

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Kukudakhandi			1	2
2		Rangeilunda			0	0
3	Daukmanııı	Patrapur	MIDII	Mango	1.5	2
4	Berhmpur	Digapahandi	MIDH	Mango	3	2
5		Chikiti			3	5
6		Sanakhemundi			1.5	4
		Total			10	15
1		Purusottampur			1.6	2
2		Chatarpur			5	9
3	Chatrapur	Beguniapada	MIDH	Mango	3	5
4		Polosara			2	5
5		K.S.Nagar			4	7
		Total			15.6	28



SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Bhanjanagar	MIDH	Mango	3	10
2		Bellaguntha			6	9
3		J.N.Prasad			6	42
4	Dhanianasan	Buguda			6	16
5	Bhanjanagar	Aska			7	35
6		Sorada			6	21
7		Sheragada			10	22
8		Dharakote			6	14
		Total			50	169
		Grand Total			75.6	212

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1	Berhmpur	Rangeilunda	MIDH	K-Lime	3.5	7
2		Chikiti			0.5	1
		Total			4	8
1	Bhanjanagar	Sheragada	MIDH	K-Lime	5	16
		Total			5	16
		Grand Total			9	24

Sl. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Kukudakhandi			2.59	7
2	Dh	Rangeilunda	MIDLI	D	1	4
3	Berhmpur	Digapahandi	MIDH	Papaya	3.33	15
4		Sanakhemundi			0.65	7
		Total			7.57	33
1		Ganjam		Papaya	7.35	12
2	Clashanan	Purusottampur	MIDH		3.5	12
3		Hinjilicut			2.4	9
4	Chatrapur	Chatarpur			0.25	1
5		Khallikote			1	2
6		Beguniapada			0.5	2
		Total			15	38
1		Bhanjanagar			0.533	1
2		Bellaguntha			0.756	4
3	Bhanjanagar	J.N.Prasad	MIDH	Papaya	0.222	1
4	_	Buguda			0.222	1
5		Aska			1.378	4
		Total			3.111	11



		Grand Total			25.681	82
SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1	Darbmaur	Patrapur	MIDH	Banana	0.79	3
2	Berhmpur	Sanakhemundi	MIDH	Dallalla	2.14	6
		Total			2.93	9
1	Chatrapur	Beguniapada	MIDH	Banana	0.25	1
		Total			0.25	1
1	Bhanjanagar	Buguda	MIDH	Banana	1	2
		Total			1	2
		Grand Total			4.18	12

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1	5 1	Kukudakhandi	- Stateplan	Banana	1.14	3
2		Rangeilunda			0.3	1
3	Berhmpur	Digapahandi			1.4	2
4		Chikiti			2.26	2
		Total			5.1	8
		Grand Total			5.1	8

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Kukudakhandi			5	7
2		Rangeilunda			9	38
3	D a ula ura ura ura	Patrapur	Chahamlan	Caramot	3	4
4	Berhmpur	Digapahandi	Stateplan	Coconut	5	13
5		Chikiti			3	8
6		Sanakhemundi			5	26
		Total			30	96
1		Ganjam			2.64	13
2		Purusottampur			4.5	11
3	Chatuaniu	Hinjilicut	Ctatanlan	Coconut	4.2	11
4	Chatrapur	Chatarpur	Stateplan	Coconut	10	26
5		Khallikote			4	16
6		Beguniapada			3	11
		Total			28.34	88



SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Bhanjanagar	- Stateplan		2	4
2		Bellaguntha			2	9
3		J.N.Prasad			3	14
4	DI :	Buguda		Coconut	2	8
5	Bhanjanagar	Aska			4	9
6		Sorada			2	4
7		Sheragada			3	6
8		Dharakote			2	5
		Total			20	59
		Grand Total			78.34	243

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Kukudakhandi			27.6	77
3		Patrapur		Mango	6.4	8
4	Berhmpur	Digapahandi	MGNREGS	(without	72.18	72
5		Chikiti		Convergence)	3.2	7
6		Sanakhemundi			9	18
		Total			118.38	182
1		Bhanjanagar		Mango	2	2
2		Bellaguntha			3.5	4
3		J.N.Prasad			1	2
4	Dh:	Buguda	NACNIDECC		0	0
5	Bhanjanagar	Aska	MGNREGS	(without Convergence)	28.4	43
6		Sorada		Convergence	0	0
7		Sheragada			0	0
8		Dharakote			11	12
		Total			45.9	63
		Grand Total			164.28	245

Sl. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1	Berhmpur	Rangeilunda	MGNREGS	K-Lime (without Convergence)	3.9	6
		Total			3.9	6
		Grand Total			3.9	6



SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Rangeilunda			26.46	34
2		Patrapur		Cashew	14.2	17
3	Berhmpur	Digapahandi	MGNREGS	(without	16.5	23
4		Chikiti		Convergence)	20	31
5		Sanakhemundi			17	38
		Total			94.16	143
1		Bhanjanagar			34.05	30
2		Bellaguntha			9	13
3	Dhanianagan	J.N.Prasad	MGNREGS	Cashew	37.6	43
4	Bhanjanagar	Buguda	MONREGS	(without Convergence)	20.14	22
5		Aska		<b>C</b> onvergence,	15	35
6		Dharakote			6	10
		Total			121.79	153
		Grand Total			215.95	296

SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Kukudakhandi			4.5	3
2	D	Patrapur	MCNDFCC	Mango	4.6	4
3	Berhmpur	Digapahandi	MGNREGS	(Convergence with MIDH)	32.9	69
4		Sanakhemundi	1	with 141151 17	8	17
		Total			50	93
1	Chatrapur	K.S.Nagar	MGNREGS	Mango (Convergence with MIDH)	9.4	19
		Total			9.4	19
1		Buguda			2	2
2	Dhanianagar	Sorada	MGNREGS	Mango	17	34
3	Bhanjanagar	Sheragada	MONREGS	(Convergence with MIDH)	5.2	6
4		Dharakote			15.8	13
		Total			40	55
		Grand Total			99.4	167

Sl. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Hinjilicut		Coconut	4.06	14
2	Chatrapur	Chatarpur	MGNREGS	(Convergence with MIDH)	17.6	34
		Total			21.66	48
		Grand Total			21.66	48



SI. No.	Name of the Sub-Division	Name of the Block	Name of the Scheme	Type of Plantation	Area in Hectares	No. of farmers involved
1		Ganjam			26.38	71
2		Purusottampur		Coconut	8.5	27
4	Chatrapur	Chatrapur Chatarpur Khallikote	MGNREGS	(Convergence	29.72	51
5				with MIDH)	50	100
6		Beguniapada			10.8	30
		Total			125.4	279
_		Grand Total			125.4	279

Source: Dy. Director Horticulture, Ganjam Range, Bam., Dept. of Agril. & Farmer's Empowerment

#### 1.21 <u>Sericulture</u>:

SI. No.	Name of the	Area Unde	r Sericulture F	Plantations (	in Ha.)	No. of farmers
	Block	Eri	involved			
-	-	-	-	-	-	~

Source: Dy. Director Horticulture, Ganjam Range, Bam., Dept. of Agril. & Farmer's Empowerment

#### 1.22 <u>Handloom and Handicraft Artisans</u>:

SI.	Name of the Died.		No.	of Artisans
No.	Name of the Block	Handloom	Handicrafts	Others (to be specified)
1	Chatrapur	0	53	-
2	Aska	111	187	-
3	Ganjam	0	11	-
4	Bellaguntha	188	41	-
5	Berhampur Municipality	214	96	-
6	Patrapur	211	67	-
7	Kabisuryanagar	0	55	-
8	Sheragada	210	2	-
9	Kukudakhandi	0	46	-
10	Hinjilicut	518	27	-
11	Buguda	391	50	-
12	Khallikote	0	182	-
13	Chikiti	148	6	-
14	Bhanjanagar	77	35	-
15	J N Prasad	136	34	-
16	Purushottampur	65	6	-
17	Digapahandi	148	144	-
18	Polasara	64	100	-
19	Rangeilunda	0	10	-
20	Sanakhemundi	167	4	-
21	Sorada	82	30	-
22	Beguniapada	66	60	-
23	Dharakaote	77	110	-
	TOTAL	2873	1356	

Source: Asst. Director Textiles, Berhampur



## 1.23 <u>Employment and Livelihood</u>:

SI. No	Block	Agriculture	Agriculture Labourers	Other Daily wage Labourers	Animal Husbandry	Fishery	Business	Services	Others to be specified
1	Aska	700	3867	428	30	70	300	140	0
2	Beguniapada	10439	4767	6290	411	880	961	779	423
3	Bellaguntha	9788	3834	7563	404	180	1363	2972	3060
4	Bhanjanagar	12500	3937	7180	310	400	1299	2380	695
5	Buguda	12110	4085	5009	423	426	1353	1436	1956
6	Chatrapur	12766	3637	7202	Z17	7920	2506	2623	910
7	Chikiti	20277	3820	9839	602	5723	2883	2411	0
8	Dharakote	9883	4237	6761	366	271	1600	892	300
9	Dlgapahandi	14597	4918	6280	580	254	990	1972	198
10	Ganjam	8892	4052	4886	150	2565	1817	1598	1087
11	Hin]llicut	11130	4755	9825	644	224	1689	1171	111
12	J.N.Prasad	13543	4424	7204	717	632	2ZZ8	1680	940
13	K.S.Nagar	6080	5159	2180	553	150	346	1880	0
14	Khallikote	25753	4308	8978	88	1863	649	1185	418
15	Kukudakhandi	15590	3850	3482	350	1340	2160	1980	0
16	Patrapur	11805	4861	7907	427	288	644	1115	40
17	Polasara	5651	4847	3710	56	322	842	851	695
18	Purusottampur	800	4937	0	43	40	62	30	0
19	Rangellunda	9992	3053	5941	715	2196	1995	1919	392
20	Sanakhemundl	10550			805	680	765	1987	765
21	Sheragada	7433	4609	6759	316	196	933	654	175
22	Surada	33561	3691	10135	412	609	2583	2238	622
	Total	263840	96448	130059	8619	27229	30518	33893	12787

Sources: P.D, DRDA/P.D,DUDA, Ganjam, Chatrapur, PR& DW.Dept.



#### 1.24 <u>Industries and Mining:</u>

SI.	Block	Major Industr	ies	М	SME	Hai and	ndloom ndicraft Cottage lustries	N	lining
No.	BIOCK	Units	Persons Engaged	Units	Persons Engaged	Units	Persons Engaged	Units	Persons Engaged
		I.R.E Ltd.Matikhal	809					-	~
1	Chatrapur	Titanium TISCO	134 (Local)	207	2010	10	20		
		Saraf Agencies Pvt.Ltd	110 (Local)						
2	Aska	Aska Coop.sugar Industries Ltd.Nuagam.Aska	428	181	1455	45	90	-	-
3	Ganjam	M/S Grasim Industries Ltd. Jayshreem,Ganjam	238	94	839	1	2	-	-
4	Bellaguntha	-	-	113	476	31	62	-	-
5	Berhampur Municipality	-	-	589	4481	40	70	1	-
6	Patrapur	-	-	83	327	10	20	•	
7	KSNagar	-	-	96	446	23	55	1	-
8	Sheragada	-	-	60	290	1	2	-	-
9	Kukudakhandi	-	-	130	1167	2	4	-	-
10	Hinjilicut	-	-	112	699	2	7	-	-
11	Buguda	-	-	35	210	3	6	-	-
12	Khallikote	-	-	110	762	8	16	-	-
13	Chikiti	-	-	76	545	6	12	-	-
14	Bhanjanagar	-	-	193	953	10	20	-	-
15	JNPrasad	-	-	36	137	2	4	-	-
16	Purushottampur	-	-	168	856	4	8	-	-
17	Digapahandi	-	-	131	482	2	4	-	-
18	Polasara	-	-	72	179	11	22	-	-
19	Rangeilunda	-	-	165	1708	97	104	-	-
20	Sanakhemundi	-	-	80	416	23	46	-	-
21	Surada	-	-	47	194	5	10	-	-
22	Beguniapada	-	-	48	331	21	42	-	-
23	Dharakote	-	-	81	416	10	20	-	-
	TOTAL			2907	19379	367	646		

Source: G.M, D.I.C, Berhampur



#### **EDUCATIONS:**

#### 1.25 <u>Availability of Educational Facilities</u>:

SI.	Name of the Block	No. of	No. of Villages having Primary Schoo in the		having Access to ool within 5 Km.
No.		Villages	village	UP Schools	High Schools
1	ASKA	144	144	144	144
2	BEGUNIAPADA	213	213	213	210
3	BELLAGUNTHA	133	133	133	130
4	BHANJANAGAR	276	276	276	276
5	BUGUDA	142	142	140	135
6	CHATRAPUR	147	147	147	147
7	CHIKITI	155	155	148	148
8	DHARAKOTE	235	197	190	180
9	DIGAPAHANDI	264	264	264	264
10	GANJAM	152	152	152	152
11	HINJILICUT	65	65	65	65
12	JAGANATHPRASAD	274	264	255	252
13	KABISURYANAGAR	82	82	82	78
14	KHALLIKOTE	270	235	235	235
15	KUKUDAKHANDI	145	145	145	145
16	PATRAPUR	385	340	340	330
17	POLASARA	132	132	132	132
18	PURUSOTAMPUR	112	112	108	108
19	RANGEILUNDA	114	114	110	110
20	Sanakhemundi	180	170	170	165
21	SHERAGADA	114	114	110	110
22	SURADA	347	302	302	290
23	ASKA NAC	18	18	18	18
24	BELLAGUNTHA NAC	13	13	13	13
25	BERHAMPUR MC	40	40	40	40
26	BHANJANAGAR NAC	15	15	15	15
27	BUGUDA NAC	11	11	11	11
28	CHATRAPUR NAC	12	12	12	12
29	CHIKITI NAC	12	12	12	12
30	DIGAPAHANDI NAC	11	11	11	11
31	GANJAM NAC	12	12	12	12
32	GOPALAPUR NAC	11	11	11	11
33	HINJILICUT NAC	21	21	21	21
34	KABISURYANAGAR NAC	15	15	15	15
35	KHALLIKOTE NAC	12	12	12	12
36	KODALA NAC	13	13	13	13
37	POLASARA NAC	20	20	20	20
38	PURUSOTAMPUR NAC	14	14	14	14
39	RAMBHA NAC	13	13	13	13
40	SURADA NAC	11	11	11	11
	TOTAL	4355	4172	4135	4080

Source: DEO, Ganjam, Berhampur, School & Mass Education Dept.



## 1.26 Enrolment Status of Children (6-15 years):

SI. No.	Name of the Block	Total No. of Children Enrolled	No. of Children Dropped Out	No. of Children Never Enrolled
1	2	3	4	5
1	ASKA	22402	11	0
2	BEGUNIAPADA	23285	162	0
3	BELLAGUNTHA	15982	8	0
4	BHANJANAGAR	24220	22	0
5	BUGUDA	18323	0	0
6	CHATRAPUR	18448	68	0
7	CHIKITI	15314	22	0
8	DHARAKOTE	17753	100	0
9	DIGAPAHANDI	27367	19	0
10	GANJAM	15060	7	0
11	HINJILICUT	16773	7	0
12	JAGANATHPRASAD	20942	11	0
13	KABISURYANAGAR	18055	22	0
14	KHALLIKOTE	26221	63	0
15	KUKUDAKHANDI	22766	53	0
16	PATRAPUR	20023	3	0
17	POLASARA	22409	20	0
18	PURUSOTAMPUR	22696	35	0
19	RANGEILUNDA	24384	43	0
20	Sanakhemundi	26551	53	0
21	SHERAGADA	21515	43	0
22	SURADA	25387	52	0
23	ASKA NAC	4738	3	0
24	BELLAGUNTHA NAC	2792	0	0
25	BERHAMPUR MC	49753	28	0
26	BHANJANAGAR NAC	2503	5	0
27	BUGUDA NAC	3134	0	0
28	CHATRAPUR NAC	4459	1	0
29	CHIKITI NAC	2652	3	0
30	DIGAPAHANDI NAC	4051	0	0
31	GANJAM NAC	2194	0	0
32	GOPALAPUR NAC	1590	2	0
33	HINJILICUT NAC	4419	0	0
34	Kabisuryanagar nac	4697	7	0
35	KHALLIKOTE NAC	3891	9	0
36	KODALA NAC	2590	5	0
37	POLASARA NAC	4081	20	0
38	PURUSOTAMPUR NAC	3511	2	0
39	RAMBHA NAC	2329	0	0
40	SURADA NAC	3450	0	0
	TOTAL	572710	909	0

Source: DEO, Ganjam, Berhampur, School & Mass Education Dept.



#### 1.27 <u>Migration:</u>

SI.	Block	No. of	Migra	ating Popul	ation		dren (0- Years)	Children (7-14 years)	
No.	Diodi	Migrating HHs	Male	Female	Total	М	F	(7-14 yea	F
1	Chatrapur	46	46	-	-	-	-	-	-
2	Ganjam	93	93	-	-	-	-	-	-
3	Khallikote	239	239	-	-	•	-	-	-
4	Beguniapada	339	339	-	-	-	-	-	-
5	Purusottampur	71	53	18	-	-	-	-	-
6	Polosara	81	81	-	-	-	-	-	-
7	Kabisuryanagar	57	25	32	-	-	-	-	-
8	Hinjilicut	6	6	-	-	-	-	-	-
9	Digapahandi	151	151	-	151	-	-	-	-
10	Buguda	20	20	-	20	•	-	-	-
11	Aska	11	11	-	11	-	-	-	-
12	Rangeilunda	19	19	-	19	-	-	-	-

Source: Dist. Labour Officer, Chatrapur & Berhampur

#### 1.28 Electricity:

			Vill	age Elec	ctrificati	on	Hous	ehold Elec	trifidation	
SI. No	Name of the Block	Total No. of Village	FE-Fully Electrified	PE-Partially Electrified	UE- Un- Electrified	Remark	Total No. of HHs	Electfied	UE	Remark
1	Aska	109	18	91	0		43085	24699	18386	
2	Beguniapada	182	32	106	1	Village Un- Inhabited- 32 Village Not Found- 11	29373	14718	14655	
3	Bellaguntha	89	7	82	0		26237	13292	12945	
4	Bhanjanagar	144	14	129	1		34863	14638	20225	
5	Buguda	98	15	83	0		27105	13112	13993	
6	Chatrapur	76	31	45	0		27524	14053	13471	
7	Chikiti	138	55	83	0		23720	14377	9343	
8	Dharakote	202	47	128	6	Village Un- Inhabited- 21	23721	10550	13171	
9	Digapahandi	234	68	143	10	Village Un- Inhabited-9 Village Not Found- 4	34034	17752	16282	



			Vill	age Elec	trificati	on	Hous	ehold Elec	trifidation	
SI. No	Name of the Block	Total No. of Village	FE-Fully Electrified	PE-Partially Electrified	UE- Un- Electrified	Remark	Total No. of HHs	Electfied	UE	Remark
10	Ganjam	110	41	59	0	Village Not Found- 10	23182	11200	11982	
11	Hinjlicut	52	14	38	0		24881	12415	12466	
12	J.N.Prasad	148	19	129	0		30786	13178	17608	
13	K.S.Nagar	79	19	59	0	Village Un- Inhabited-1	28274	16685	11589	
14	Khallikote	212	112	97	3		35485	18713	16772	
15	Kukudakhandi	99	20	67	0	Village Un- Inhabited- 11 Village Not Found- 1	41561	26300	15261	
16	Patrapur	353	96	174	67	Village Un- Inhabited- 11 Village Not Found- 5	23820	10267	13553	
17	Polosora	135	15	112	0	Village Un- Inhabited- 08	30988	14992	15996	
18	Purushottampur	95	16	76	0	Village Un- Inhabited- 1 Village Not Found- 2	28962	18308	10654	
19	Rangeilunda	83	30	52	0	Village Not Found- 1	36909	25821	11088	
20	Sanakhemundi	163	11	144	0	Village Not Found- 8	38970	19546	19424	
21	Sheragada	111	5	99	0	Village Un- Inhabited- 3 Village Not Found- 4	27317	13340	13977	
22	Soroda	280	34	221	20	Village Un- Inhabited- 5	29819	10491	19328	
Total		3192	719	2217	108		670616	348447	322169	

Source: Managing Director, SOUTHCO, Berhampur, Energy Department.



#### DRINKING WATER AND SANITATION:

#### 1.29 <u>Drinking Water</u>:

SI. No.	Block/ ULBs	No. of villages having access to safe drinking water	No. of Villages/ hamlets affected by Fluoride	Affected Population	No. of Villages/ hamlets affected by Arsenic Contamination	Affected Population
1	Aska	346	Nil	Nil	Nil	Nil
2	Bhanjanagar	533	Nil	Nil	Nil	Nil
3	Bellaguntha	212	Nil	Nil	Nil	Nil
4	Buguda	278	Nil	Nil	Nil	Nil
5	Dharakote	345	Nil	Nil	Nil	Nil
6	J.N.Prasad	568	Nil	Nil	Nil	Nil
7	K.S.Nagar	94	Nil	Nil	Nil	Nil
8	Beguniapada	189	Nil	Nil	Nil	Nil
9	Polasara	207	Nil	Nil	Nil	Nil
10	Purusottampur	141	Nil	Nil	Nil	Nil
11	Surada	553	Nil	Nil	Nil	Nil
12	Chatrapur	212	Nil	Nil	Nil	Nil
13	Chikiti	267	Nil	Nil	Nil	Nil
14	Digapahandi	288	Nil	Nil	Nil	Nil
15	Ganjam	219	Nil	Nil	Nil	Nil
16	Hinjilicut	194	Nil	Nil	Nil	Nil
17	Khalikote	304	Nil	Nil	Nil	Nil
18	Kukudakhandi	260	Nil	Nil	Nil	Nil
19	Patrapur	414	Nil	Nil	Nil	Nil
20	Rangeilunda	279	Nil	Nil	Nil	Nil
21	Sanakhemundi	351	Nil	Nil	Nil	Nil
22	Seragarh	293	Nil	Nil	Nil	Nil
	Total	6547				

Sources: P.D, DRDA, Ganjam, Chatrapur , PR& DW.Dept



SI.		Total No. of	Total No.		Pipe W	ater Supply	
No.	Name of the Block	Functional Tube Wells	of Sanitary Wells	No. of PWS	No. of Villages Covered	No. of Households	Length in Km.
1	Aska	1311	7	57	64	17524	143.53
2	Bhanjanagar	1575	29	57	74	20891	138.30
3	Bellaguntha	1093	4	32	49	12648	80.58
4	Buguda	1172	7	36	41	14859	90.65
5	Dharakote	1077	39	51	63	14530	128.42
6	J.N.Prasad	1877	22	109	126	20912	244.10
7	K.S.Nagar	940	4	43	50	20034	108.24
8	Beguniapada	1280	18	36	54	15708	90.65
9	Polasara	1208	16	39	44	20448	98.20
10	Purusottampur	1239	0	52	70	25686	130.95
11	Surada	1426	118	49	65	15899	123.38
12	Chatrapur	1018	21	66	67	17614	133
13	Chikiti	865	22	38	39	10141	76
14	Digapahandi	1330	21	71	71	18948	143
15	Ganjam	746	28	82	83	21884	165
16	Hinjilicut	1199	22	56	57	14945	113
17	Khalikote	1149	25	75	76	20016	151
18	Kukudakhandi	1195	22	63	64	16813	127
19	Patrapur	1012	39	55	56	14678	111
20	Rangeilunda	1368	23	79	89	21083	158
21	Sanakhemundi	1169	25	39	40	10410	78
22	Seragarh	1140	26	58	59	15479	117
	TOTAL	26389	538	1243	1401	381150	2749

Source: E.E. RWS & S Divn., Berhampur and E.E. RWS & S Divn., Bhanjanagar



#### 1.30 <u>Sanitation</u>:

		١	/illages	Sanitation		>	House	eholds	Sch	ools
SI. No.	Name of the Block	Total No.	No. of ODF Villages	No. of Villages having covered drains	Length in Km.	Total No. of Community Sanitary Complexes	Total No. of HHs	No. of HHs having IHHL	Total No.	No. of Schools having functional Toilets
1	Chatrapur	80	03	-	-	0	38507	11205	157	157
2	Chikiti	136	0	-	-	1	24395	7641	132	132
3	Digapahandi	204	12	-	-	0	35936	8546	225	225
4	Ganjam	86	2	-	-	0	24696	6787	138	128
5	Hinjilicut	53	20	~	-	0	28734	24232	117	117
6	Khallikote	148	2	-	-	0	38018	9462	220	220
7	Kukudakhandi	87	0	-	-	1	27209	10765	150	150
8	Patrapur	378	15	~	-	0	25435	9650	196	175
9	Rangeilunda	83	4	-	-	0	33146	20668	136	136
10	Sanakhemundi	133	1	-	-	0	38794	9885	184	184
11	Seragarh	95	10	-	-	2	25497	12340	166	166
12	Aska	102	6	NA	NA	0	36837	20689	176	144
13	Beguniapada	132	10	NA	NA	0	39618	18950	157	157
14	Bellaguntha	90	0	NA	NA	1	29463	12918	141	135
15	Bhanjanagar	136	6	NA	NA	0	34485	19787	203	203
16	Buguda	93	10	NA	NA	0	29190	11714	146	146
17	Dharakote	165	1	NA	NA	0	32460	12327	175	175
18	J.N.Prasad	145	7	NA	NA	0	33779	16874	204	204
19	K.S.Nagar	74	3	NA	NA	0	36015	10420	119	119
20	Polasara	125	10	NA	NA	0	35047	16633	163	163
21	Purusottampur	92	1	NA	NA	0	31920	12276	151	151
22	Surada	246	12	NA	NA	0	34734	11900	238	231
	TOTAL	2883	135	0	0	5	713915	295669	3694	3618

Source: E.E. RWS & S Divn., Berhampur and E.E. RWS & S Divn., Bhanjanagar



			ULBs S	anitatio	n	ίţ	Housel	nolds	Scl	nools
SI No.	Name of the ULBs	Total No of Ward	No. ODF Ward	No. of Wards having coverd drains	Lengh in Km	Total No. of Community Sanitary Complexes	Total No. of HHs	No. of HHs having IHHL	Total No.	No. of Schools having functional Toilets
1	Hinjilicut	21	8	3	5	1	6744	3374	13	13
2	Gopalpur	11	Nil	11	5.76	6	1442	891	7	7
3	Chatrapur	14	7	3	2.8	2	4841	4107	25	25
4	Ganjam	12	4	11	18	1	2834	1511	13	12
5	Rambha	13	8	12	18	1	2434	1174	16	16
6	Khallikote	12	3	12	1.95	2	2769	1240	16	16
7	Chikiti	12	7	0	24.68	2	3073	1300	12	12
8	Purusotampur	14	14	3	15	Nil	3246	1625	13	13
9	Digapahandi	11	1	3	5.48	Nil	3000	2100	18	16
10	Buguda	13	3	13	5.23	2	3620	2036	19	19
11	Belaguntha	13	4	3	3	Nil	2415	1199	21	21
12	Aska	18	Nil	6	5.5	1	4062	3456	18	18
13	Polasara	19	9	Nil	1.3	2	4853	2183	20	20
14	Saroda	11	8	8	5.15	1	2673	1923	16	16
15	K.S.Nagar	18	10	0	0	0	3548	1794	36	15
16	Kodala	13	7	6	3.04	1	2290	663	8	8
17	Bhanjanagar	15	8	0	33.48	2	4719	3689	18	18
	TOTAL	240	101	94	153.4	24	58563	34265	289	265



#### 1.32 ICDS/ Anganwadi:

SI. No.	Name of the Block	Total No. of AnganwadiCenters	No. of AWC having own pucca building	No. of Enrolled Children	No. of Severely Malnourished Children Referred during the year.	No. of Pregnant/ lactating mothers
1	Chatrapur	232	104	17188	29	3920
2	Ganjam	148	69	12437	17	2560
3	Khallikote	271	72	21864	7	4726
4	KSNagar	186	93	14092	18	3833
5	Beguniapada	204	115	18894	26	4080
6	Polasara	203	72	17588	73	3639
7	Pururhottampur	245	114	17900	76	3112
8	Hlnjilicut	207	141	16740	35	3074
9	Rangeilunda	228	83	14661	33	3437
10	Sanakhemundi	242	86	20751	32	4660
11	Digapahandi	257	102	16422	57	3794
12	Chikiti	194	128	12875	45	2967
13	Patrapur	227	90	16854	64	3025
14	Kukudakhandi	184	60	16119	33	3479
15	Berhampur I	103	7	10059	28	2048
16	Berhampur II	88	6	10316	9	1807
17	Bhanjanagar	245	130	18890	64	4593
18	Buuguda	226	70	15406	22	3553
19	J N Prasad	224	119	13404	55	3154
20	Aska	246	78	16824	43	4397
21	Bellaguntha	189	60	12581	76	2679
22	Dharakote	189	91	12986	44	2814
23	Sheragada	192	91	16641	55	3224
24	Sorada	238	131	19419	81	4181
	Total	4968	2112	380911	1022	82756

 $Source: DSWO, Ganjam, \ W \ \& \ CD \ Dept.$ 

#### 1.33 <u>Health:Major Health Indicators</u>:

			Infant N	/lortalit	y Rate(IMR)	Materr	nal Mo	rtality Rate	Inst.	Delivery	/ in %	lmmı	ınisatio	n Statu	s of Chi	ldren belo	w 05yrs	s in %
SI. No.	Block	Reporting Unit	Live Birth (HMIS)	0-1year Death as per CDR	IMR	Delivery (Inst + Home)	MaternalDeath reported	MMR	Target	Inst Del reported	% of Inst. Delivery	Target (0-1year)	F.I within 01 year	% of Full Immunisation within 01year	Measels 2nd dose	% ofComplete Immnuisation within 02years	DPT 5 year	% of DPT5
1	Aska	Aska Block	3813	63	16.52242	3868	0	0	2660	3856	145%	2441	1802	74%	1837	75%	1881	77%
2	Beguniapada	Beguniapada Block	1227	13	10.59495	1235	1	80.97166	2692	1219	45%	2425	1625	67%	1807	75%	2203	91%
3	Belaguntha	Belaguntha Block	1061	32	30.16023	1085	1	92.1659	2020	1077	53%	1720	1533	89%	1543	90%	1924	112%
4	Bhanjanagar	Bhanjanagar. SDH	3629	0	0	3675	0	0	374	3675	983%	348	201	58%	256	74%	440	126%
5	Bhanjanagar	Bhanjangar Block	251	62	247.012	255	4	1568.627	2438	194	8%	2304	1620	70%	1679	73%	1767	77%
6	Buguda	Buguda Block	1468	52	35.42234	1493	2	133.9585	2126	1479	70%	1901	1604	84%	1679	88%	2112	111%
7	Chatrapur	Chhatrapur Block	80	27	337.5	80	1	1250	2430	41	2%	2268	1510	67%	1487	66%	1612	71%
8	Chatrapur	Chhatrapur. SDH	1086	0	0	1093	0	0	356	1093	307%	277	247	89%	232	84%	257	93%
9	Chikiti	Chikiti Block	649	6	9.244992	652	2	306.7485	2110	556	26%	1692	1327	78%	1315	78%	1786	106%
10	Dharakote	Dharakote Block	216	31	143.5185	222	4	1801.802	2176	164	8%	1842	1305	71%	1329	72%	771	42%
11	Dipagahandi	Digapahandi Block	1969	64	32.50381	1996	5	250.501	2652	1928	73%	2647	1887	71%	2006	76%	1505	57%
12	Ganjam	Ganjam Block	1040	8	7.692308	1045	1	95.69378	1940	1025	53%	1849	1273	69%	1317	71%	1245	67%
13	Hinjilicut	Hinjilicut Block	1971	40	20.29427	1987	1	50.32713	2310	1979	86%	2273	1664	73%	1561	69%	1671	74%
14	Jaganathprasad	J.N. Prasad Block	816	26	31.86275	825	3	363.6364	2230	761	34%	2050	1556	76%	1711	83%	1842	90%
15	Kabisuryanagar	K.S.Nagar Block	1002	19	18.96208	1005	4	398.01	2066	995	48%	2029	1645	81%	1625	80%	2448	121%
16	Khalikote	Khallikote Block	2689	20	7.437709	2688	2	74.40476	3056	2665	87%	2775	2146	77%	2034	73%	3253	117%

			Infan	t Mort (IMI	ality Rate R)	Mate	ernal I Rat	Mortality e	InstΩ	<b>S∂M<i>ê</i></b> ry	in %	lmmu	nisatio	n Status	of Chi	dren bel	ow 05yr	s in %
SI. No	Block	Reporting Unit	Live Birth (HMIS)	0-1year Death as per CDR	IMR	Delivery (Inst + Home)	Maternal Death Reported	MMR	Target	Inst Del reported	% of Inst. Delivery	Target (0-1year)	F.I within 01 year	% of Full Immunisation within 01year	Measels 2nd dose	% of Complete Immnuisation within 02years	DPT 5yea rs	% of DPT5
17	Kukudakhandi	Kukudakhandi Block	623	24	38.52327	629	1	158.9825	2548	563	22%	2285	1662	73%	1746	76%	2369	104%
18	BEMC Urban	Berhampur Urban (DHH+MCH+Other)	17071	0	0	17460	2	11.45475	5804	17460	301%	5423	3373	62%	3512	65%	1962	36%
19	Patrapur	Patrapur Block	1263	50	39.58828	1288	5	388.1988	2212	1116	50%	2085	1349	65%	1272	61%	1558	75%
20	Polosara	Polasara Block	2057	32	15.55664	2089	1	47.86979	2592	2069	80%	2244	1600	71%	1730	77%	823	37%
21	Purusottampur	Purusottampur Block	1524	38	24.93438	1531	2	130.6336	2656	1491	56%	2555	1849	72%	1826	71%	2050	80%
22	Rangeilunda	Rangeilunda Block	219	15	68.49315	218	1	458.7156	2847	173	6%	2696	1670	62%	1728	64%	1793	67%
23	Sanakhemundi	Sanakhemundi Block	2844	25	8.790436	2868	4	139.47	2964	2823	95%	2575	1994	77%	1997	78%	1872	73%
24	Seragada	Seragada Block	794	31	39.04282	808	2	247.5248	2112	785	37%	2048	1571	77%	1633	80%	1895	93%
25	Sorada	Sorada Block	2811	102	36.28602	2851	1	35.07541	3250	2755	85%	2871	2058	72%	1910	67%	1546	54%
	DISTR	ICT	45724	780	17.05887	46419	50	107.7145	52295	45579	87%	48129	34448	72%	35232	73%	37272	77%
Sour	ce : HMIS, Child	l Death, Maternal D	eath Re	ports														
a	IMR - 40 (Odi	sha as per NFHS 4	4 Surve	y 201	5-16)													
b	Under 5 Child	d Mortality Rate - 4	19 (Odis	sha a	s per NFHS	3 4 Surv	/ey 20	015-16)										

Source: CDMO, Ganjam, Berhampur

MMR - 230 (Odisha) & 245 (Southernzone RDC) {Annual Health Survey 2012-13, Gol}

#### 1.34 <u>Incidence of Major Diseases during last 5 years</u>:

			Incide	ence of	f Major	Diseases	during	g last 5	years:			
	Malaı	ria	Diarrh	oea	Pnue	monia	Jaur	ndice	Tube	erculosis		asles bella
Year	Incident / case treated	No of Death due to disease	Incident / case treated	No of Death due to disease	Incident / case treated	No of Death due to disease	Incident / case treated	No of Death due to disease	Incident / case treated	No of Death due to disease	Incident / case treated	No of Death due to disease
2013	5635	0	47870	4	1131	0	141	0	4496	222	588	1
2014	17492	3	49208	11	651	0	88	0	4748	286	13	0
2015	15350	2	49324	1	398	0	50	0	4631	267	20	0
2016	11856	1	60122	1	327	0	30	0	4579	315	7	0
2017	10072	2	60599	4	226	0	36	0	4475	to be declared in 2018	30	0

Source: CDMO, Ganjam, Berhampur

#### 1.35 <u>Rural Credit:Source of Rural Credit</u>:

			Se	ource of	f Rural Cr	edit in l	Percentage (%	<b>6</b> )	
SI. No.	Block	Govt.	Commer cial Banks	RRBs	Coope rative Banks	SHG s/N GOs	Land lord/ Employers	Money Lenders	Other
1	Aska		14	5	4	-	-	-	-
2	Bellaguntha		9	4	1	-	-	-	-
3	Bhanjanagar		16	2	1	-	-	-	-
4	Buguda		8	3	1	-	-	-	-
5	Chatrapur		29	2	1	-	~	-	-
6	Chikiti		7	2	1	-	-	-	-
7	Dharakote		3	1	1	-	-	-	-
8	Digapahandi		8	4	1	-	-	-	-
9	Ganjam		6	2	1	-	-	-	-
10	Hinjilicut		13	2	2	-	~	-	-
11	JN Prasad		4	6	1	-	-	-	-
12	KS Nagar		9	3	1	-	~	-	-
13	Khallikote		8	3	1	-	-	-	-
14	Beguniapada		7	3	1	-	-	-	-
15	Kukudakhandi		8	4	1	-	-	-	-



			Se	ource o	f Rural Cr	edit in	Percentage (%	%)	
SI. No.	Block	Govt.	Commer cial Banks	RRBs	Coope rative Banks	SHG s/N GOs	Land lord/ Employers	Money Lenders	Other
16	Patrapur		6	3	1	-	-	-	-
17	Polasara		5	4	1	-	-	-	-
18	Purusshottmapur		10	4	2	~	-	-	~
19	Rangeilunda		26	2	2	~	-	-	~
20	Sanaakhemunid		8	5	0	~	-	-	~
21	Sheragada		7	2	1	~	-	-	-
22	Sorada		5	2	6	-	-	-	-
23	Berhampur Urban		79	11	1	-	-	-	-
			295	79	33	-	-	-	-

Source: LDM, Berhampur

#### 1.36 <u>Financial Inclusion</u>:

SI. No.	Block	No. of HHs	No. of HHs in which at least one adult member having a Bank Account	HH. der	No. of HHs covered under BKKY	No. of Persons covered under PMSBY	No. of Persons covered under PMJJBY	No. of HHs covered under AABY	No. Persons covered under Atala Pension Yojna
1	Aska+Berhampur	75826 7	662905	N/A	N/A	867	167	N/A	14
	Total	75826 7	662905	N/A	N/A	867	167	N/A	14

## 1.37 <u>Food Security (Public Distribution System)</u>:

		F	ood Securi	ty (Public	Distributio	n System)	)		
·		of Is	s red er A	No. f iciar	Consur (in Q		S S in	Storage	ige city ils.)
SI.No.	Block/ULB	No. ol HHs	HHs covered under NFSA	Tot. No. of beneficiar ie	Rice	Wheat	PDS PDS outlets	points	Storage Capacity (in Qtls.)
1	ASKA	30345	25569	105788	4379.41	1148.6 4	27	PEG,Karnoli	100000
2	ASKA NAC	4581	2363	9085	411.74	83.96	6	Do	
3	BEGUNIAPADA	28632	25224	101419	4811.32	676.73	23	Beguniapada	5000
4	BELLAGUNTHA	23700	21148	84186	3565.12	899.43	18	Bellaguntha	5000
5	BELLAGUNTHA	2317	1420	5636	268.5	40.9	3	Do	
6	BERHAMPUR MPL	74720	43777	158837	6695.01	1759.04	102	Aska Road	8000
7	DUANUANIACAD	00000	00040	00070	4405.0	070.07	00	Bhanjanagar	5000
7	BHANJANAGAR	30833	26943	99372	4465.8	870.07	20	Bhanjanagar	20000



SI.No.	Block/ULB	No. of HHs	HHs covered under NFSA	Tot. No. of beneficiarie	Consun (in Q		No. of PDS outlets in the block	Storage	Storage Capacity (in QtIs.)
SI.	BIOON GED	No. o	HHs o	Tot. I benef	Rice	Wheat	No. o outlets blo	points	Sto Cap (in (
8	BHANJANAGAR NAC	4546	2318	8909	380.42	105.48	6	Do	
9	BUGUDA	25270	22642	86332	4058.16	707.14	20	Buguda	5000
10	BUGUDA NAC	3179	1852	7100	361.16	44.49	5	Do	
11	CHATRAPUR	29492	27144	102859	4805.89	736.66	17	Chatrapur	10000
12	CHATRAPUR NAC	4841	3029	10274	470.34	106.06	9	Do	
13	CHIKITI	22817	20382	77028	3560.51	547.64	24	PEG,Patrapur	
14	CHIKITI NAC	2465	1675	6042	282	45.2	2	Do	
15	DHARAKOTE	23497	21499	80326	3785.18	581.62	17	PEG,Karnoli	
16.	DIGAPAHANDI	32691	29932	113070	5259.84	880.76	25	PEG,Digapa handi	50000
								RMC,Digapa handi	30000
17	DIGAPAHANDI NAC	2955	1544	5166	237.26	43.84	4	Do	
18	GANJAM	19426	17322	65233	3218.08	365.37	14	Burudi	15000
19	GANJAM NAC	2523	1261	4433	227.79	24.96	7	Do	
20	GOPALAPUR NAC	1480	1182	4215	186.8	29.85	3	Rangeilunda	
21	HINJILICUT	24152	21970	86695	3847.91	779.24	21	Hinjili	20000
								Sapuapali	20000
22	HINJILICUT NAC	5189	3327	13211	624.14	98.71	8	Do	
23	JAGANATHPRAS AD	30706	26478	97384	4533.13	928.37	24	Jaganathpras ad	5000
24	KABISURYANAG AR	24160	20999	84607	3751.04	678.06	21	K.S.Nagar	5000
25	KABISURYANAG AR NAC	3562	2439	9160	388.03	87.97	5	Do	
26	KHALLIKOTE	35472	28719	119382	5464.99	816.71	26	Khallikote	5000
								(PEG,Khallik ote)RMC	25000
27	KHALLIKOTE NAC	2769	1843	7112	287.06	77.34	4	Do	
28	KODALA NAC	2802	1961	7337	326.33	64.52	2	Beguniapada	
29	KUKUDAKHANDI	30722	29271	109999	5107.62	830.88	22	PEG,Digapa handi	



SI.No.	Block/ULB	No. of HHs	HHs covered under NFSA	Tot. No. of beneficiarie	Consun (in Q		No. of PDS outlets in the block	Storage	Storage Capacity (in Qtls.)
SI.	2.00% 022	No. o	HHs c under	Tot.   benef	Rice	Wheat	No. o outlets blo	points	Sto Cap (in (
			-,'					Patrapur	5000
30	PATRAPUR	28501	26144	96892	4523.81	677.44	25	(PEG,Patrap ur) RMC	25000
31	POLASARA	28758	24357	100316	4551.72	847.73	26	Polasara	5000
32	POLASARA NAC	4806	3108	12025	520.21	112.04	11	Do	
33	PURUSOTAMPUR	31150	28661	115590	5218.19	861.31	27	Purushottam pur	5000
34	PURUSOTAMPUR NAC	3224	2338	7968	422.13	51.97	7	Do	
35	RAMBHA NAC	2495	1715	6386	284.05	56	7	Ganjam	
36	RANGEILUNDA	34735	32410	119126	5758.12	744.58	29	Rangeilunda	5000
37	SANAKHEMUNDI	34340	31654	121009	5702.88	821.27	21	Dengadi	30000
								Sahaspur	5000
38	SHERAGADA	26128	24858	99817	4439.67	842.73	22	PEG,Karnoli	
39	SURADA	31134	29846	113744	5168.3	968	25	Surada	5000
40	SURADA NAC	3152	2041	7698	339.21	77.79	2	Do	
	Total		642365	2470768	112689	20120.5	687		418000

## 1.38 <u>Social Security</u>:

SI. No.	Block	under Old	rsons covered I Age Pension nemes	No. of Persons Covered under Widow Pension		rsons covered bility Pension
		Male	Female	widow Pension	Male	Female
1	Chatrapur	5010	4442	3106	501	444
2	Ganjam	3434	3037	2123	342	304
3	Khallikote	5616	4980	3482	562	498
4	Beguniapada	5019	4451	3112	502	445
5	Polasara	5045	4474	3128	504	447
6	Purushottampur	5103	4525	3164	510	453
7	KS Nagar	3991	3539	2474	399	354



SI. No.	Block	under Old	rsons covered I Age Pension nemes	No. of Persons Covered under Widow Pension		sons covered bility Pension  Female  368  510  455  502  549  372  450  453  362  426  483  500  373  484
		Male	Female	widow Pelision	Male	Female
8	Hinjilicut	4151	3682	2574	415	368
9	Rangielunda	5752	5101	3566	575	510
10	Kukudakhandi	5127	4547	3179	513	455
11	Digapahandi	5658	5017	3508	566	502
12	Sanakhemundi	6188	5487	3836	619	549
13	Chikiti	4192	3717	2599	419	372
14	Patrapur	5069	4495	3143	507	450
15	Bhanjanagar	5105	4527	3165	510	453
16	Bellaguntha	4081	3619	2530	408	362
17	Buguda	4807	4263	2980	481	426
18	JNPrasad	5450	4833	3378	545	483
19	Aska	5640	5001	3496	564	500
20	Dharakaote	4209	3733	2609	421	373
21	Sorada	5455	4837	3382	545	484
22	Sheragada	4729	4194	2932	473	419
	TOTAL	108831	96501	67466	10881	9651

## 1.39 Community/ Social Institutions:

		Wo	men Self H Groups	Help		Youth Clubs		mer's ubs	Volunteers			
SI No.	Name of the Block/ ULB	Total No. of WSHGs	Total No. of women members	Total No. of SHGs Bank Linked	Total No.	Total Members	Total No.	Total Members	ХVN	SSN	Civil Defense	BNV
1	Aska	1262	15144	1262	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Beguniapada	1017	12204	1017	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Bellaguntha	829	9948	829	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Bhanjanagar	1248	14976	1248	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Buguda	993	11916	993	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



		Wo	men Self I Groups	Help	You Clu			mer's ubs		Volur	nteers	
SI No.	Name of the Block/ ULB	Total No. of WSHGs	Total No. of women members	Total No. of SHGs Bank Linked	Total No.	Total Members	Total No.	Total Members	Х	SSN	Civil Defense	BNV
6	Chatrapur	1190	14280	1190	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Chikiti	582	6984	582	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	Dharakote	909	10908	909	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Digapahandi	960	11520	960	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Ganjam	1157	13884	1157	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Hinjilicut	883	10596	883	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	JNPrasad	1242	14904	1242	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	KS Nagar	1038	12456	1038	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Khallikote	1146	13752	1146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Kukudakhandi	902	10824	902	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Patrapur	911	10932	911	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Polasara	973	11676	973	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	Purushottampur	925	11100	925	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	Rangeilunda	1003	12036	1003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Sanakhemundi	1018	12216	1018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Sheragada	770	9240	770	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Sorada	1468	17616	1468	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	22426	269112	22426								



#### TRANSPORT AND COMMUNICATION:

#### 1.40 <u>Road Connectivity and Transport :</u>

SI. No.	Block	Total No. of GPs	No. of GPs connected with the Block HQ with all weather road	Total No. of Villages	No. of Villages connected with GP HQ with all weather Roads	No. of Villages/ GPs having bus communication.	No. of Govt. and Private Buses Operating
1	Beguniapada	22	22	193	178	N.A	N.A
2	Chatrapur	18	18	75	67	N.A	N.A
3	Chikiti	15	15	137	112	N.A	N.A
4	Digapahandi	28	28	228	189	N.A	N.A
5	Ganjam	14	14	128	125	N.A	N.A
6	Hinjilicut	21	21	52	49	N.A	N.A
7	Khallikote	26	26	138	134	N.A	N.A
8	K.S Nagar	20	20	76	76	N.A	N.A
9	Kukudakhandi	21	21	95	83	N.A	N.A
10	Patrapur	21	21	275	145	N.A	N.A
11	Rangeilunda	25	25	76	73	N.A	N.A
12	Sanakhemundi	21	21	133	120	N.A	N.A
13	Sheragada	22	22	94	94	N.A	N.A
	TOTAL	274	274	1700	1445		

#### 1.41 Road Network:

SI. No.	Block	N.H. (Length in Km.)	State Highways (Length in Km.)	District Roads(L ength in Km.)	Rural Roads(Le ngth in Km.)	GP/ PS Roads(Leng th in Km.)	Forest Roads (Length in Km.)	Other Roads
1	Beguniapada	N.A	N.A	N.A	50.693	36.890	0.000	N.A
2	Chatrapur	N.A	N.A	N.A	83.152	5.037	0.000	N.A
3	Chikiti	N.A	N.A	N.A	141.158	12.780	0.000	N.A
4	Digapahandi	N.A	N.A	N.A	141.986	76.510	2.600	N.A
5	Ganjam	N.A	N.A	N.A	71.001	16.710	0.000	N.A
6	Hinjilicut	N.A	N.A	N.A	85.367	0.000	0.000	N.A
7	Khallikote	N.A	N.A	N.A	96.320	28.150	0.000	N.A
8	K.S. Nagar	N.A	N.A	N.A	92.688	0.000	0.000	N.A
9	Kukudakhandi	N.A	N.A	N.A	150.605	16.240	5.900	N.A
10	Patrapur	N.A	N.A	N.A	120.772	69.259	29.600	N.A
11	Rangeilunda	N.A	N.A	N.A	153.271	13.980	0.000	N.A
12	Sanakhemundi	N.A	N.A	N.A	147.710	36.710	0.000	N.A
13	Sheragada	N.A	N.A	N.A	56.305	11.872	0.000	N.A

N.B: Information of from other Blocks has not been received yet.



#### 1.42 <u>Transport: Railway Network:</u>

SI. No.	Single Line (length in Km.)	Double Line (length in Km.)	Total No. of Railway Stations in the district
1	0	86	12

#### 1.43 <u>Telecommunication and Internet Connectivity</u>:

SI. No.	Name of the Block	No. of GP Offices having Phone and Internet Connectivity	Total No. of Mobile phone Towers	No. of villages covered by wireless mobile network	Percentage of Population covered by wireless network	No. of Community Radio Stations	No. of VHF stations	No. of HAM radios/ HAM radio stations	No. of E-SevaKendras
1		BBNL is providing internet connectivity to GP's, and has not been handed over to BSNL	283 (Ganja m to Gajapat i)	1150	Nil	Nil	Nil	Nil	09



## 2. INFRASTRUCTURE

## 2.1 <u>Educational Infrastructure and other Facilities</u>:

SI. No.	Name of the Block	No. of Primary Schools	No of ME School	No. of High Schools	No of Teachers	Teacher Pupil Ratio	No. of Colleges	No. of ITI / Polytechnic / Vocational Training Institute
1	2	3	4	5	6	7	8	9
1.	ASKA	77	73	32	889	27.263	2	NA
2.	BEGUNIAPADA	89	52	26	885	27.427	2	NA
3.	BELLAGUNTHA	76	53	24	667	21.663	2	NA
4.	BHANJANAGAR	132	62	27	1009	23.146	1	NA
5.	BUGUDA	81	50	24	756	26.805	4	NA
6.	CHATRAPUR	79	55	20	752	26.526	5	NA
7.	CHIKITI	88	36	20	682	26.526	4	NA
8.	DHARAKOTE	115	50	21	751	24.521	3	NA
9.	DIGAPAHANDI	127	94	32	1068	23.009	3	NA
10.	GANJAM	78	56	16	546	26.121	2	NA
11.	HINJILICUT	60	38	23	684	25.894	4	NA
12.	JAGANATHPRASAD	136	65	31	1009	22.324	2	NA
13.	KABISURYANAGAR	59	53	21	669	27.905	2	NA
14.	KHALLIKOTE	116	71	30	1038	26.092	2	NA
15.	KUKUDAKHANDI	86	57	26	933	23.704	6	NA
16.	PATRAPUR	131	61	26	872	20.488	4	NA
17.	POLASARA	91	44	30	806	31.054	3	NA
18.	PURUSOTAMPUR	93	43	28	824	28.964	2	NA
19.	RANGEILUNDA	97	53	29	1010	24.441	6	NA
20.	Sanakhemundi	96	73	26	1009	26.654	4	NA
21.	SHERAGADA	98	43	27	881	26.238	4	NA
22.	SURADA	141	51	31	927	26.482	2	NA
23.	ASKA NAC	13	8	7	176	23		NA



SI. No.	Name of the Block	No. of Primary Schools	No of ME School	No. of High Schools	No of Teachers	Teacher Pupil Ratio	No. of Colleges	No. of ITI / Polytechnic / Vocational Training Institute
1	2	3	4	5	6	7	8	9
24.	BELLAGUNTHA NAC	6	6	2	60	26.893	2	NA
25.	BERHAMPUR MPL	68	70	42	1574	23.767	12	NA
26.	BHANJANAGAR NAC	13	4	4	123	21.35	3	NA
27.	BUGUDA NAC	12	6	3	146	23.676	1	NA
28.	CHATRAPUR NAC	9	6	6	217	19.947		NA
29.	CHIKITI NAC	7	3	3	124	24.735	2	NA
30.	DIGAPAHANDI NAC	12	3	4	91	24.905	2	NA
31.	GANJAM NAC	7	5	4	60	22.679	1	NA
32.	GOPALAPUR NAC	3	3	2	54	28.25	1	NA
33.	HINJILICUT NAC	11	6	5	117	27.34		NA
34.	KABISURYANAGAR NAC	16	4	5	160	22.81	2	NA
35.	KHALLIKOTE NAC	8	5	5	138	25.575	2	NA
36.	KODALA NAC	9	3	2	102	29.929	1	NA
37.	POLASARA NAC	10	5	4	168	30.673	2	NA
38.	PURUSOTAMPUR NAC	10	4	3	143	32.871	1	NA
39.	RAMBHA NAC	9	3	2	56	28.172	1	NA
40.	SURADA NAC	8	5	3	91	24.75	1	NA
	TOTAL.	2377	1382	676	22267	24.12	103	

#### 2.2 <u>Health Infrastructure</u>:

SI. No.	Name of the Block			No. of CHC	No. of Homeopathy/ Ayurvedic Hospital	Sub Divisional Hospital	No. of district / Pvt. Hospital	No. of MHUs	No. of Ambulance (Except 108 & 102)	No. of Blood Bank	Remarks
1	Aska	23	3	2	0	0	0	0	1	0	
2	Beguniapada	22	2	2	0	0	0	0	2	0	Kodala & Sumandal CHC
3	Belaguntha	20	3	2	0	0	0	0	1	0	
4	Bhanjangar	21	4	1	0	1	0	0	2	1	02 Ambulances at Bhanjanagar
5	Buguda	19	4	1	0	0	1	0	0	0	
6	Chhatrapur	20	3	1	0	1	0	0	3	0	03 Ambulances in SDH-Chatrapur
7	Chikiti	17	5	2	0	0	0	0	1	0	
8	Dharakote	17	4	1	0	0	0	0	1	0	
9	Digapahandi	27	6	2	0	0	0	0	1	0	
10	Ganjam	15	4	1	0	0	0	0	0	0	
11	Hinjilicut	19	3	2	0	0	2	0	1	0	
12	Jaganathprasa d	23	4	1	0	0	0	0	1	0	
13	Kabisuryanagar	17	2	1	0	0	0	0	1	0	
14	Khallikote	24	4	1	0	0	0	0	1	0	
15	Kukudakhandi	20	4	1	1	0	0	0	0	0	
16	Patrapur	23	7	1	0	0	1	0	1	0	
17	Polasara	22	4	1	0	0	0	0	1	0	
18	Purusottampur	25	4	2	0	0	0	0	1	0	
19	Rangeilunda	21	4	1	1	0	52	0	2	1	Blood Bank at MKCG Ambulance at City Hospital Dist. Hq. Hospital-01
20	Sanakhemundi	25	6	1	0	0	0	0	1	0	
21	Seragada	19	5	1	0	0	0	0	1	0	
22	Sorada	21	5	2	0	0	2	1	2	0 2	Badagada & Sorada CHC
District Total   460   90   30   2   2   58   1   25											

NOTE: 1. 108 Ambulance - 35 nos allotted for Ganjam District

2. 102 Ambulances - 36 numbers ambulances exclusively for Preg. Mother & Sick neaonates upto 01 year are engaged



#### LIST OF CLINICAL ESTABLISHMENT (other than Govt.) FUNCTIONING IN THE DISTRICT (BERHAMPUR)-Nursing home / No SI Name and Location of the Name of the Name of the Regd. of diagnostic center No institutions proprietor doctor No **Beds** /pathology clinic/ Konark Nursing Home, 1. Dr. J.Bharatudu Dr . j.Bharatudu 189/02 10 Nursing Home Pakalabadi St., Berhampur Sahara Seva Sadan , New Bus 2. Salim Khan Dr. S.N.Moharana 739/07 12 Nursing Home Stand, Berhampur Patra Hospital, Utkal Ashram Dr. L.Kumar 3. Smt. S.Mohapatra 500/06 06 Nursing Home Road, Berhampur Swami Ideal NH, Gajapati Nagar, Dr. 4. 796/07 05 S.K.Bisovi Nursing Home B.K.Rabindranath Berhampur Saptagiri Hospital, Goilundi, Smt. Anuradha 5. 200/02 07 Nursing Home H.K.Mohapatro Berhampur Mohapatra **ESCORT Diagnostics &** 6. Research center ,OPP. Tahasil Dr. S.Ismali Dr. S.Ismali 635/07 00 Diagnostics Officer, Bam ECOS Eve Hospital, Tota Sahi, Dr. M.K. Bal 7. Dr. M.K.Bal 254/03 10 Nursing Home Berhampur Divine NH, Bhaba Nagar, Mr. Prafulla Ch Dr. Surya Bahnu 514/06 20 8. Nursing Home Berhampur Sahu Pattniak Berhampur Urology Center, Smt. Sujata Nursing Home / 9. Dr. K.K.Panigrahi 188/02 06 Arabinda Nagar, Berhampur Panigrahi Pathology Kiran Hospital(Orthopedic 10. Centre), NewBusStand Gitarani Panda Dr, K,T,Subudhi 719/07 10 Nursing Home Berhampur SudhirHeart Center, Dharama Nursing Home / 11. Dr. D.S.Prasad Dr. D.S.Prasad 202/03 04 Nagar, Berhampur Pathology Anuradha LadiesClinic, Ganghi 12. Dr. J.Anuradha Dr. J.Anuradha 365/04 05 Nursing Home Nagar Berhampur Sidhartha Ayrogyniihi Hospital 13. Dr. J.Narayan rao 196/02 14 Dr. J.Narayan rao Nursing Home China Bazar, Berhampur Mishra Nursing Home, Gadadhar Dr. 14. 760/07 05 Nursing Home NewBusStand, Berhampur Panigrahi N.P.Mohapatra Radhaswami Seva sadan. Dr. Kishore Ch Dr. Kishore Ch 15. 191/02 10 Nursing Home Goilundi Road, Berhampur Das Das Astha Hospital, Bhaba Nagar Dr. Rajani Kanta 16. Prabhakar Padhi 735/07 10 Nursing Home Square, Berhampur Das Balaji Diagnostics & Research Dr. E.Kiran Diagnostics 17 E.Gita 749/07 00 Center, Courtpeta, Berhampur Kumar Center Meenakhi Hosp., Church Dr. Banka Bihari Dr. Banka Bihari 18 192/02 20 Nursing Home Road, Berhampur Das Das Gayatri Clinic, Bhabanagar, Dr. Sandhya Rani Dr. Sandhya Rani Nursing Home / 19 697/07 06 Berhampur Panigrahi Panigrahi US/Patho / Aeshrat NH, Chatarjee Lane, 20 Dr. S.Ismalie Dr. S.Ismalie 152/02 30 Nursing Home Berhampur Sai Sudha NH, New Bus Stand Dr. Sudhansu 21 E Leelanath 692/07 80 Nursing Home Berhampur Sekahr Mohanty Berhampur Sisu Bhawan, New Manoj Ku Dr. Susmuti Ku 22. 738/07 20 Nursing Home Bust Stand Road, Berhampur Pasupalk Sahu Sriram Hospital, Jayaprakas Madhusmita Dr Subash Ch 23. 724/07 40 Nursing Home Nagar, Berhampur Panda Sahu Bansadhara Hospital, 24. Dr. R.N.Panigrahi Dr. R.N.Panigrahi 02/1997 05 Nursing Home Courtpeta, Berhampur Life Line NH, Infront of Dr. Rajat Ku Dr. Maheswar 880/07 09 Nursing Home Settlement office, Berhampur Mishra Panda



SI No	Name and Location of the institutions	Name of the proprietor	Name of the doctor	Regd. No	No of Beds	Nursing home / diagnostic center /pathology clinic/		
26.	Sree Ortho Clinic , Gandhi Nagar , Main Road , Berhampur	Dr A.V.Ranganathar	A.v.Ranganaman	789 / 07	12	Pathology /		
27.	Nidan Diagnostics , Sale Tax Road, Berhampur	Dr. Debasis Padhy	Dr. Suajata Panda	369 /04	00	Diagnostics Center		
28.	Christian Hospital, Berhampur	Dr. M.K.Nanda	Dr. M.K.Nanda	624/07	150	Nursing Home		
29.	Gurudev Hospotal, Goilundi Sq. , Berhampur	Kalpana Baral	Dr. Bijaya Ku Sahu	999/08	10	Nursing Home		
30.	Ananda Medical & Research Center , Gajapati Nagar , Bam	K.Y.Agrawal	Dr. Saroj Ku Satapathy	805/07	00	Diagnostics Center		
31.	Jasodhara Life Hosp. & MC , Aska Road , Berhampur	Srikanta Ku Tripathy	Dr. Jagnyasini Panda	744/07	20	Nursing Home		
32.	Amit Hopital, Gate Bazar Berhampur	Dr. Subash Bisoyi	Dr. G.K.Behera	203 /03	60	Nursing Home		
33.	Paradise NH, New Bus Stand Road, Berhampur	Dr. N.N.Mohapatra	Dr. N.N.Mohapatra	357/04	10	Nursing Home		
34.	Komal NH, Opp. Postal Disp., New Bus Stand Road, Bam	Dilip KU Pradhan	Dr. K.E.P. Subudhi	1110/08	14	Nursing Home		
35.	Rohini Diagnostics Pvt. Ltd. , Opp. BDA Office Berhampur	Dr. B.K.Pattniak	Dr. B.K.Pattniak	1089/08	00	Diagnostic center		
36.	New Care Hospital, Brmha Nagar , Berhampur Ganjam	Sanjukta patniak	Dr. S.G.K.Subudhi	1111/08	07	Nursing Home		
37.	Medi Mages Medical and Diagnostics Imaging center In-Fromt of Medical College,Bam	Sri Prasanna Ku Sethi	Dr. samir Ku Behera	1097/08	00	Daignsotic Center		
38.	Asutosh Hospital , Engg. School Road, Berhampur	Smt Nagamani Prusty	Dr. N.P.Mohapatra	1001/08	15	Nursing Home		
39.	Sun Clinic , Bhaba Nagar, Berhampur	Subash Ch Panda	Dr. Santosh Ku Panda	975/08	00	Nursing Home		
40.	Padma Dental clinic,Sanobazar,BAM	Dr.MCS Rao	Dr.MCS Rao	1249/10	00	Clinic		
41.	Sremali Clinic,Eng,Schol Rd, BAM	Smt.B.P.Panigrahy	Dr.R.C.Sahu	1369/11	06	Nursing Home		
42.	New Neelanchal Hospital,Komapali,BAM	Madan Mohan Panda	Dr.Ram Mohan Panda	1415/12	15	Nursing Home		
43.	AdvancedEye Care Clinic,courtapeta square,Berhampur	Krishna Prava Behera	Dr.subash Chandra Patro	1417/12	00	clinic		
44.	Abhaya Hospital,New Bus Stand,goulundi , Berhampur	Abhaya Kumar Jena	Dr.Sarat Chandra pattanaik	1416/12	04	Nursing Home		
45.	Seva Sadan,Doctor's Lane,New Bus stand Berhampur	DrSwati Misra	Dr.Swati Misra	1437/12	05	Nursing Home		
46.	Namrata Hospital,Baikuntha Nagar- Ist Lane,Berhampur	Rajendra ku.Rana	Dr.harihara Samanta	1432/12	08	Nursing Home		
47.	M/S Sahara Diagnostics, At- courtapeta Square,Berhampur Dist-Ganjam-760004	Surend Prasad Dash	Dr.S.P.Dash	1465/12	00	Diagnostic Centre		
48.	JasodaNursing Home , Bus Stand,BAM.	K.Ch.Mohapatro	Dr.P.C.Mandal	1431/12	08	Nursing Home		
49.	Ayush Hospital,Brahmanagar, Berhampur	S.K.Sahu	Dr.P.C.Tripathy	1444/12	10	Nursing Home		
50.	Ashirbad clinic,New busStand,BAM	G.B.Pattanaik	Dr.	1438/12	04	Nursing Home		
51.	Srikrushna Nursing Home,NewBusSand,Berhampur	Sanjay Kumar Behera	Dr.Bhaska Padhy	1452/12	10	Nursing Home		



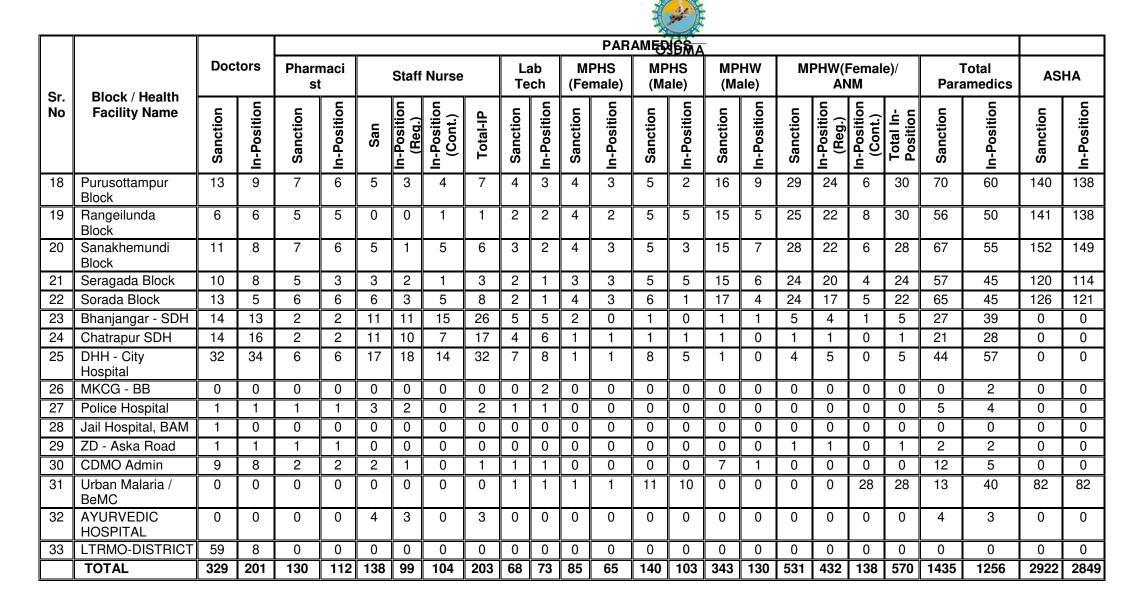
SI No	Name and Location of the institutions	Name of the proprietor	Name of the doctor	Regd. No	No of Beds	Nursing home / diagnostic center /pathology clinic/
52	MaaKhambeswari ArogyamCentre,Goulundi ,BAM	K.Tajeswar Rao	Dr.M.M.Das	1472/12	06	Nursing Home
53	Appolo clinic,Bhabanagar,BAM	S.K.Mohanty	Dr.Deepak Sahu	1473/12	00	Diagnostic Centre
54	Sai Divyajyoti Hospital,NewBus Stand,BAM	E.Syambabu Dora	Dr.P.Tripathy	1521/13	09	Nursing Home
55	Life Care Hospital,Bhabanagar,BAM	S.Pradhan		1520/13		Nursing Hme
56	Om Jaganath Nursing Home,Goilundi,BAM	Susanta Kuma Patro		1488/13		Nursing Home
57	ModernEye Care Centre,Komapalli BAM	Minati Misra		1492/13	00	Nursing Home
58	Baba Lokanath Sewa Sadan,Bhabanagar-Ist Lane,BAM	Manoj Ku.Swain		1530/13		Nursin Home
59	Sun Health Care Centre,Goilundi,Berhampur	Dandapani Sethi	Dr. Nalinikanta Tripathy	1766/14	15	Nursing Home
60	M/S New Siva Sai Hospital,Sales tax square Berhampur	Nilachala Moharana	Dr.P.K.Prusty	1761/14	11	Nursing Home
61	Vajpayee Clinic, Courtpeta, Berhampur	Dr. Bhabani Sankar Das	Dr. Srinivas Choudhury	1795/14		Nursing Home
62	Sanatan Fertility Centre & Reasearch Institute, Berhampur	Deepika K.N.Padhy		1791/15	00	Nursing Home
63	Adarsh Poly Clinic, Babaji Tota Street, Berhampur	Dr P.L.Mishra	Dr. P.L.Mishra	343/04		Nursing Home
64	Sanjeevani Hospital, Bhabanagar, Berhampur	Binod Kumar Pradhan		1758/14		Nursing Home
65	Ruby Eye Hospital, Susrusata Nagar, M.G.Road, Berhampur	B Vanjakshi		1617/13		Nursing Home
66	B S R Diognostics, Near De Poul School, Berhampur	M M Khanduja		1770/14	00	Diagnostic Centre
67	Dhanwantari Seva Sadan, Bhaba Nagar, Berhampur	Nirmala Chandra Sahu	Dr Ra Mohan Panda	1832/15		Nursing Home
68	Berhampur Cardiac Centre, Courtpeta Square, Goilundi Main Road, Berhampur	Nirmala Chandra Sahu		1752/14		Nursing Home

# LIST OF CLINICAL ESTABLISHMENT FUNCTIONING IN THE DISTRICT (Other than Berhampur)

01	Baidyanath Nursing Home , Jamuni	Akhil Ku Panigrahi	Dr. B.B.Mishra	1189/09	10	Nursing Home
02	Amit Institute of Medical Science and Hosital , Kanisi	Dr. Subash Ch Bisoyi	Dr. Subash Ch Bisoyi	1147/08	300	Hospital
03	Ghumusara Hospital, SBI Road, Bhanjanagar	Saroj Ku Panda	Dr. D.C.Tripathy	899 / 07	04	Nursing Home
04	Panchanan NH , Main Road Soroda	Sri Bishnu sahu	Dr. J.P.Pattnaik	832 /07	05	Nursing Home
05	Ghumusara Hospital, SBI Road, Bhanjanagar	Saroj Ku Panda	Dr. D.C.Tripathy	899 / 07	04	Nursing Home
06	Rahul clinic,Chhadeipalli	Dr.S.Rath	Dr.R.N.Das	1353/11	03	Nursing Home

#### 2.3 <u>Human Resource Availability</u>:

	Human Resource Availability																								
	PARAMEDICS																								
Sr.	Block / Health	Doc	tors	Pharr s			Staff	Nurse	)	ll .	ab ech		PHS male)		PHS ale)	MP (Ma	HW ale)	М	PHW(I	Femal NM	<b>e)</b> /		Total amedics		
No	Facility Name	Sanction	In-Position	Sanction	In-Position	San	In-Position (Reg.)	In-Position (Cont.)	Total-IP	Sanction	In-Position	Sanction	In-Position	Sanction	In-Position	Sanction	In-Position	Sanction	In-Position (Reg.)	In-Position (Cont.)	Total In- Position	Sanction	In-Position	Sanction	In-Position
1	Aska Block	11	7	6	5	8	6	4	10	3	3	5	3	7	7	18	8	27	21	7	28	74	64	138	135
2	Beguniapada Block	7	4	4	4	6	4	4	8	2	2	4	4	5	3	15	5	24	20	2	22	60	48	119	118
3	Belaguntha Block	11	4	5	5	8	5	3	8	2	4	3	3	4	2	14	4	23	17	6	23	59	49	126	118
4	Bhanjangar Block	9	2	5	3	5	2	1	3	2	2	4	4	6	3	16	4	25	19	3	22	63	41	149	147
5	Buguda Block	7	3	5	4	4	4	3	7	2	1	3	2	5	4	13	7	21	16	4	20	53	45	117	117
6	Chhatrapur Block	6	4	4	4	3	1	1	2	2	1	3	3	6	6	13	3	22	20	4	24	53	43	147	142
7	Chikiti Block	12	6	6	6	5	2	4	6	3	3	3	3	5	4	15	5	20	16	3	19	57	46	116	114
8	Dharakote Block	7	3	5	4	2	2	1	3	2	3	3	2	4	1	13	2	19	13	1	14	48	29	103	100
9	Digapahandi Block	11	7	9	8	3	1	5	6	2	2	5	4	7	5	17	7	30	23	3	26	73	58	164	159
10	Ganjam Block	6	5	5	5	0	0	3	3	2	1	3	1	6	5	10	5	18	18	5	23	44	43	91	91
11	Hinjilicut Block	9	8	4	3	2	1	7	8	3	4	3	2	6	5	14	6	22	21	5	26	54	54	121	121
12	Jaganathprasad Block	7	4	5	1	5	5	2	7	2	1	4	3	4	4	17	3	25	19	9	28	62	47	116	113
13	Kabisuryanagar Block	7	4	3	2	5	2	1	3	2	3	3	2	6	4	14	9	17	14	2	16	50	39	129	125
14	Khallikote Block	9	6	4	4	4	3	5	8	2	3	4	3	5	3	16	8	26	24	6	30	61	59	142	139
15	Kukudakhandi Block	5	4	4	4	0	0	2	2	2	1	3	3	5	5	14	5	21	20	6	26	49	46	125	120
16	Patrapur Block	12	7	6	4	6	3	3	6	1	3	4	4	7	7	18	5	25	19	6	25	67	54	118	110
17	Polasara Block	9	6	6	6	5	4	3	7	2	3	4	2	5	3	18	11	25	16	8	24	65	56	140	138



## 2.4 <u>Veterinary Infrastructure and Human Resource</u>:

			ors	q	ock	ial n	Other (to be Gomitra JK T	
SI. No.	Block	Veterinary Hospital No. of Doctors Centre Inspectors No. of Artificial Insemination		No. of Artific Inseminatio Centre	Gomitrs	J.K. Trust Gopal		
1	BEMC	01	01	05	05	05	1	
2	Chikiti	02	02	14	10	13	2	
3	Digapahandi	01	01	18	08	17	3	
4	Kukudakhandi	01	01	11	06	11	4	
5	Patrapur	01	01	17	03	13	5	
6	Rangeilunda	01	01	13	12	13	6	
7	Sanakhemundi	02	02	10	06	09	7	
8	Bhanjanagar	01	02	17	10	17	8	
9	Aska	01	01	13	04	13	9	
10	Bellaguntha	02	02	07	07	13	10	
11	Buguda	01	01	07	02	09	11	
12	Dharakote	01	01	07	03	07	12	
13	Jagannathprasad	02	03	14	06	11	13	
14	Sheragada	02	02	09	07	17	14	
15	Sorada	02	02	11	06	05	15	
16	Chatrapur	01	01	15	08	14	16	
17	Ganjam	02	02	09	06	09	17	
18	Hinjilicut	02	03	12	05	12	18	
19	Kabisruyanagar	01	02	07	05	06	19	
20	Khallikote	01	02	15	10	10	20	
21	Kodala	02	02	08	05	07	21	
22	Polosara	02	02	10	06	08	22	
23	Purusottampur	01	01	23	06	23	23	
	TOTAL	33	38	272	146	262	276	

## 2.5 <u>Electrical Infrastructure</u>:

			S		Distributi nsformer	on	al	les	Ē	8
SI. No	Name of the Block	No. of Grid S/S	No. of 33/11KV S/S	11KV or Less	11KV < and < 60KV	60 KV and above	Conductor/Electrical Line - 11KV of Less (Length in Kms)	No. of Electrical Poles	No of High Tension Towers	High Tension lines above 11KV (Length in Kms)
1	Aska	1	3	448			578.70	12660		16.90
2	Begunia Pada	0	2	376			480.00	6972		8.00
3	Bellaguntha	0	2	293	4		516.89	8844		22.00
4	Bhanja Nagar	1	3	441	7		743.90	12304		23.70
5	Buguda	0	2	232			600.00	12000		32.00
6	Chatrapur	1	2	406	2		756.23	16537		44.00
7	Chikiti	0	1	378			433.00	11510		39.50
8	Dharakote	0	1	256			360.63	6360		38.00
9	Digapahandi	1	2	210	4		962.00	6320		42.00
10	Ganjam	1	3	559	5		675.61	14030	2	47.00
11	Hinjlicut	0	2	393	4		496.00	9920		45.00
12	J.N.Prasad	0	1	449	2		591.38	9531		15.30
13	K.S.Nagar	0	2	191			610.00	12200		21.00
14	Khallikote	0	2	467	4		920.46	16131		24.00
15	Kukudakhandi	0	2	357			629.64	11360		18.00
16	Patrapur	0	1	196	1		1125.60	6383		36.00
17	Polosora	0	1	388			585.00	8325		12.00
18	Purushottampur	1	2	367			530.60	7580		7.00
19	Rangeilunda	1	4	747	2		946.50	13283		42.00
20	Sanakhemundi	0	1	291			755.32	7520		15.00
21	Sheragada	0	1	420	3		565.23	11300		40.00
22	Soroda	0	1	458	2		715.69	11316	25	28.60
	Total	7	41	8323	40		14578.38	232386	27	617.00



#### 2.6 Banks and Post Offices:

SI.			Ba	nks		No. of	Post
No.	Block	Commercial Banks	RRBs	Cooperative Banks	Other Banks	ATMs	Offices
1	ASKA	14	5	4		17	
2	BELAGUNTHA	9	4	1		9	
3	BHANJANAGAR	16	2	1		18	
4	BUGUDA	8	3	1		8	
5	CHATRAPUR	29	2	1		27	
6	CHIKITI	7	2	1		7	
7	DHARAKOTE	3	1	1		3	
8	DIGAPAHANDI	8	4	1		8	
9	GANJAM	6	2	1		6	
10	HINJILICUT	13	2	2		13	
11	JAGANNATHPRASAD	4	6	1		4	
12	KABISURYANAGAR	9	3	1		8	
13	KHALLIKOTE	8	3	1		8	
14	BEGUNIAPADA	7	3	1		5	
15	KUKUDAKHANDI	8	4	1		8	
16	PATRAPUR	6	3	1		6	
17	POLASARA	5	4	1		5	
18	PURUSHOTTAMPUR	10	4	2		10	
19	RANGEILUNDA	26	2	2		30	
20	Sanakhemundi	8	5	0		7	
21	SHERAGADA	7	2	1		7	
22	SORADA	5	2	1		5	
23	BERHAMPUR URBAN	79	11	6		107	
	TOTAL	295	79	33		326	

Source: Lead District Manager, Andhra Bank, Ganjam

SI.	Block / Postal		Ва	nks		No.		
No.	Division	Commercial Banks	RRBs	Cooperative Banks	Other Banks	of ATMs	Post Offices	
1.	Aska Division	-	-	-	-	02	Aska HO	
١.	ASKA DIVISION	-	-	-	-	02	Bhanjanagar HO	
		-	-	-	-		Berhampur HO	
2.	2. Berhampur Division	-	-	-	-	03	Chatrapur HO	
		-	-	-	-		Parlakhemundi HO	
3.	Kalahandi Division	-	1	-	-	02	Bhawanipatna HO	
٥.	Raidilaliui Divisioli	-	1	-	-	02	N.Tanwat MDG	
		-	1	-	-		Jeypore(K) HO	
4.	Varanut Division	-	-	-	-	04	Koraput HO	
4.	Koraput Division	-	-	-	-	04	Nabarangpur HO	
		-	-	-	-		Rayagada HO	
5.	Phulbani Division	-	-	-	-	01	Phulbani HO	

Source: Post Master General, Berhampur Region, Berhampur



#### 2.7 Police and Fire Services:

## Infrastructure- Police Services:

SI. No.	Name of the Block/ ULB	No. of Police Stations	No. of Police personal
		1. B.N.Pur PS	38
		2. B.Town PS	43
		3. G.Nuagaon PS	32
1	Berhampur Municipal Corporation	4. Bada Bazar PS	35
		5. Traffic PS	40
		6. Mahila PS	10
		7. Energy PS	18
2	Rangeilunda Block/ Gopalpur NAC	1. Gopalpur PS	29
3	Rangeilunda Block	2. Golanthara PSMarine PS	23
3	Rangenunda Biock	2. Goldillilara Psiviarine Ps	08
4	Kukudakhandi Block	1. B.Sadar PS	40
5	Digapahandi Block/ NAC	1. Digapahandi	23
6	Chikiti Block/ Chikiti NAC	1. K.Nuagaon PS	25
7	Patrapur Block	1. Jarada PS	27
	Total		115

Fire Service: (Details of the Stations):

SI No	Name of the Block/ULB	No. of Fire Station	Human Resource (Total No. of Designated Posts at Present) at Earth Station Level	Contact Land Line Telephone No. of the Station
1	Chatrapur	Chatrapur FS	AFO- Bisi Pradhan	06811262600
2	Kodala	Kodala FS	SO- Arun Topno	06810268222
3	Sorada	Sorad a FS	SO- Kusa Naik	06819270149
4	Kabisuryanagar	Kabisuryanagar FS	SO- Ajay Kumar Paikaray	06810211101
5	Polsara	Polsara FS	SO- Rudramadhab Mallick	06810282225
6	Dharakote	Dharakote FS	SO- Binod Kumar Rout	08280734681
7	Jagannathprasad	Jagannathprasad FS	SO- Susanta Das	06818262100
8	Rambha	Rambha FS	SO- Kailash Chandra Sahoo	09438258260
9	Hinjilicut	Hinjilicut FS	SO- Laba Naik	06811280101
10	Seragada	Seragada FS	SO- Bipra Charan Pradhan	06822255888
11	Buguda	Buguda FS	SO- Uma Charan Bhatamishra	06818251777
12	Purusottampur	Purusottampur FS	SO- Prasanta Kumar Dhal	06811275555
13	Aska	Aska FS	SO- Pratap Kumar Singh	06822273333



SI No	Name of the Block/ULB	No. of Fire Station	Human Resource (Total No. of Designated Posts at Present) at Earth Station Level	Contact Land Line Telephone No. of the Station
14	Bhanjanagar	Bhanjanagar FS	SO- Jitendra Kumar Biswal	06821241090
15	Khalikote	Khalikote FS	LFM-Prakash Kumar Samal	06810256320
16	Berhampur	Berhampur FS & MKCG FS	AFO- 01,LFM-02 Dr. Hav-01 FMD -01, Fireman- 15 = 21 Nos & LFM-02, FM-12 = 14 Nos.	0680-2223333
17	Kukudakhamdi	Kukudakhamdi FS	LFM-02 Dr. Hav 01, FMD- 01 FM-07 =11 Nos.	0680-2485555
18	Kanisi (Rangeilunda)	Kanisi FS(Rangeilunda)	SO-01, LFM-02, Dr.hav-01, FMD-01 FM-09=14 Nos.	0680-2248101
19	Digapahandi	Digapahandi FS	SO-01, LFM-02, Dr.hav-01, FMD-01 FM-10=15 Nos.	06814-247351
20	Sanakhemundi	Sanakhemundi FS	SO-01, LFM-02, Dr.hav-01, FMD-01 FM-9=14 Nos.	9439034299
21	Chikiti	Chikiti FS	SO-01, LFM-02, Dr.hav-01, FMD-01 FM-13=18 Nos.	0680-2497101
22	Patrapur	Patrapur FS	SO-01, LFM-02, FMD-01 FMD- 01 FM 10=14 Nos.	0680-2642300



# 3. VULNERABLE VILLAGES AND OTHER CRITICAL INFRASTRUCTURE:

Table No.3.1-: Year wise details of disasters from the year 2006 to till date.

- abi	Table No.3.1-: Year wise details of disasters from the year 2006 to till date.										
o.	ncident	£.	eaths	fected tion	c Loss	ımaged	Dama	ge to	Infrastru	cture	nd loss rea (in )
SI. No.	Disaster/ Incident	Year	No. of Deaths	No. of Affected Population	Population Livestock Loss	Houses Damaged	School/ AWC Buildings	Hospitals	Road in Km.	Other Critical	Damage and loss of Crop Area (in Ha.)
										II.	
		2006	01	85316	Nil	Nil	Rs	.3,20	,50,600/	-	8444
		2007	01	1100000	Nil	208	Rs.151,24,51,600/-			/-	4360
		2008	02	844325	Nil	26	Rs.	94,29	,50,000,	/-	0
		2009	07	182000	Nil	3475	Rs.2	204,6	7,07,000	)/-	1384.8
		2010	Nil	Nil	Nil	Nil		1	Vil		Nil
1	Flood	2011	Nil	Nil	Nil	Nil		1	Vil		Nil
'	Flo	2012	01	Nil	Nil	Nil		1	Vil		4,314
		2013	Nil	Nil	Nil	Nil		1	Vil		Nil
		2014	Nil	Nil	Nil	Nil		1	Vil		Nil
		2015	Nil	Nil	Nil	Nil	Nil				Nil
		2016	Nil	Nil	Nil	Nil	Nil			Nil	
		2017	Nil	Nil	Nil	Nil	Nil			Nil	
		2018	Nil							0	
		2006	Nil	Nil							
		2007	Nil	Nil							
		2008	Nil	Nil							
		2009	Nil	13835	Nil						
		2010	Nil								
	ght	2011	Nil	560632	Nil	Nil	Nil	Nil	Nil	Nil	287818.62
2	Drought	2012	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Ω	2013	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		2014	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		2015	Nil	36468	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		2016									
		2017									
		2018									
		2006	03								
		2007	01								
		2008	04								
3	Fire	2009	03								
	ഥ	2010	04								
		2011	03								
		2012	06								
		2013	02								



						1	1				
	ent		St	p <sub>o</sub>	×	, jed	Dama	ge to	Infrastru	cture	of Crop )
SI. No.	Disaster/ Incident	Year No. of Deaths	No. of Affected Population Livestock Loss	Livestock Loss	Livestock Loss Houses Damaged	School/ AWC Buildings	Hospitals	Road in Km.	Other Critical Infrastructure	Damage and loss of Crop Area (in Ha.)	
		2014	02								
		2015	05								
3	Fire	2016	01								
	ш	2017	04								
		2018	03								
		2006									
		2007									
		2008									
		2009									
		2010									
		2011									
	Cyclone	2012									
4		2013	20	35 lakh approx	20181	38903 2					287818.6 2
		2014									
		2015	-	-	-	-	-	-	-	-	-
		2016	-								
		2017	-								
		2018	18 (Titli)	94265	190349	25043	Rs.546,6	60,55,	832/-		193768
		2006	11	3							
		2007	17	8							
		2008	17	7							
		2009	13	9							
	ve	2010	23	13							
	Heatwave	2011	4	2							
5	eat	2012	14	9							
	Ĭ	2013	11	2							
		2014	21	3							
		2015	33	6							
		2016	04	15							
		2017	07	18							
		2018	05	13							
		2006	~	-							
	ing	2007	22	19							
6	9 Lightning	2008	39	38							
		2009	14	13							
		2010	19	18							



		2011	27	25				
		2012	16	15				
	<u>چ</u>	2013	19	17				
6	Lightning	2014	16	15				
	igh.	2015	31	29				
		2016	26					
		2017	38					
		2018	18					
	-	2015	37	28				
	oite	2016	51	37				
7	Snakebite	2017	81					
	Sna	2018	63					
	Sc.	2016	24					
	vnir	2017	31					
8	Drowning	2018	75					
	D							

Table No.3.2-: List of Villages Vulnerable to Different Disasters:

Th	SI. No.
e list of v	Name of theBlock/ ULB
villages	Name of the GP
vulnerable	Name of the Village/ Ward
The list of villages vulnerable to different disasters is too large.Apart from VoI-I & II, one be read as <b>Annexure 3.2</b> )	
ers is t	Total No. of HHs
oo la	Total Population
rge.A <sub>l</sub>	Livestock
oart fr read	Cyclone
om Vc	Tsunami
ıexure	Flood
1, one separa 3.2)	If Yes at column 'J' then mention the Causing Factor
ate EX	Land Slide
CEL sh	Drought
separate EXCEL sheet is attached with this exclusively.It may	If Yes at 'M' column then mention the Cultivable Area in Ha.
with	Lightning
this exclu	Industrial / Chemical Accidents
ısively.lt ı	If Yes at Column ''P' mention the Industry name
may	Drinking Water Crisis



## Table No. 3.3: <u>List of Hospitals/ Health Centers Exposed to Cyclone</u>:

## <u>List of Hospitals/ Health Center Exposed to Cyclone:</u>

SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
1	PHC Nolianuagoan	Agastinuagoan	
2	PHC Narendrapur	Narendrapur	
3	PHC Sundarpur	Sundarpur	
4	CHC Municipentha	Patlampur	
5	SC Municipentha	Patlampur	
6	SCBadamadhapur	Badamadhapur	
7	SC Baulagoan	Baulagoan/ Mahanadapur	
8	SC Nanadapandapalli	Baulagoan	
9	SC Karatali	Bipilingi	
10	SC Podapadar	Podapadar/ Agastinuagoan	
11	SC Kanamana	Kanamana	
12	SC B.Arjyapalli	Arjyapalli	Chatrapur
13	SC Kalipalli	Kalipalli	Chatrapui
14	SC Chikalakhandi	Chikalakhandi/ Podapadar	
15	SC Chamakahndi	Chamakhandi/ Srirampur	
16	SC Gobindapur	Laxmipur	
17	SC Narendrapur	Narendrapur	
18	SC Tanganapalli	Tanganapalli	
19	SC KTNpur	Tanganapalli	
20	SC Sundarpur	Sundarpur	
21	SC Bhikaripalli	Bhikaripalli	
22	SC D.Berhampur	Bhikaripalli/ Sundarpur	
23	SC Bipilingi	Bipilingi	
24	SC Narasinghpur	Bhikaripalli/ Laxmipur/ chamakahndi	
25	PHC Ganjam	Ganjam NAC	
26	PHC Huma	Humma	
27	PHC Rambha	Rambha NAC	
28	PHC UDSPur	UmuriDharmaSaranaPur	
29	CHC Khandadeuili	Khandadeuli	
30	SC Biruligada	SanaRamachnadrapur	Ganjam
31	SC Borigaon	Huma	
32	SC Ganjam	Ganjam NAC	
33	SC Kainchapur	Kainchapur	
34	SC Kantiagada	Palibandha	
35	SC Karapada	Karapada	



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
36	SC Khandadeuli	Khandadeuli	
37	SC Kusapalli	Malada	
38	SC Palanga	Palanga	
39	SC Pallibandha	Palibandha	
40	SC Pallur	Ramagada	Ganjam
41	SC Rambha	Rambha NAC	
42	SC S. Gopalpur	Santoshpur	
43	SC Subalaya	Subalaya	
44	SC Tarinipalli	Poirasi	
45	PHC Karabalua	Chikiti NAC	
46	PHC Kutlingi	Kotilingi	
47	PHC Nuapada	Nuapada	
48	PHC Sumandi	Sumandi	
49	PHC Surala	Surala	
50	CHC Girisola	Girisola	
51	CHC Chikiti	Chikiti NAC	
52	SC B.L.N. Pur	Lalmenta L.N.pur	
53	SC Badapalanka	Ramachandrapur	
54	SC Chikiti	Chikiti NAC	
55	SC Girisola	Girisola	
56	SC Gobindapur	Jhatipadar	Chikiti
57	SC Govindanagar	Govindanagar	CHRICI
58	SC Jaganathpur	Pitatali	
59	SC Subani	Subani	
60	SC Kalabada	Kalabada	
61	SC Katuru	Katuru	
62	SC Kutilingi	Kotilingi	
63	SC Lalmenta	Lalmenta L.N.pur	
64	SC Madhabandha	Pitatali	
65	SC Maundapur	K.Nuagam	
66	SC Nuapada	Nuapada	
67	SC Sunapur	Sonapur	_
68	SC Surala	Surala	
69	PHC Dengaustha	Singipur	_
70	PHC Gautami	Goutami	_
71	PHC Kankarada	Konkarada	_
72	PHC Pattapur	Patapur	Sanakhemundi
73	PHC Sahaspur	Sahaspur	_
74	PHC Pudamari	Pudamari	_
75	CHC Adapada	Adapada	_
76	SC Adapada_Mc	Adapada	62   D a a a



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
77	SC Ambagaon	Ambagaon	
78	SC Chenamari	Chenamari	
79	SC Dangausota	Singipur	
80	SC Dasaipur	T.Gobindapur	
81	SC Dayanidhipur	Dayanidhipur	
82	SC Dengadi	Dengadi	
83	SC Dharmaraipur	P.Ramachandrapur	
84	SC Erendra	Erendra	
85	SC Gangapur	Gangapur	
86	SC Gautami	Gautami	
87	SC Jugudi SC	Erendra	
88	SC Kaudia SC	Kaudia	
89	SC Kankarada	Kankarada	Sanakhemundi
90	SC Khalingi	Khalingi	
91	SC Mahanala A	Chudungapur	
92	SC Maharala B	Patapur	
93	SC Malabhanja	Malabhanja	
94	SC P.Jagannathpur	P.Ramachandrapur	
95	SC Patiguda	Patiguda	
96	SC Pudamari	Pudamari	
97	SC S.Gopalpur	S.Gopalpur	
98	SC Sahaspur	Sahaspur	
99	SC Singipur	Singipur	
100	SC T.Gobindapur	T.Gobindapur	
101	PHC Pandia	Pandia	
102	PHC Pratapapur	Pratapur	
103	PHC Soma	Soma	
104	PHC Badakharida	Badakharida	
105	CHC Purusottampur	Purusottampur NAC	
106	CHC Bhatakumarada	Bhatakumarada	
107	SC Achuli	Achuli, Handighara	
108	SC Arakhapur	Arakhapur	
109	SC B. Baragaon	B. Baragaon	Purusottampur
110	SC B. Kharida	Badakharida	
111	SC B. Sarasingi	Bhutasarasingi	
112	SC Black Lades L	Baghala	
113	SC Bhatakukurda	Bhatakumarada	
114	SC Bhimapur	Bhimapur	
115	SC Brahmana Sasan	Jaganathpur	
116	SC Chingudighai	Chingudighai	
117	SC Gangadahani	SC Gangadahani	



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
118	SC Jamuni	Jamuni	
119	SC Jhadabai	Jhadabai	
120	SC K.N. Pur	Kamanalinakhyapur	
121	SC Kolidaspur	Antarigoan	
122	SC Antarigoan	Antarigoan	
123	SC Kumari	Purusottampur NAC	
124	SC Mahachai	Tankachhai	
125	SCPandia	Pandia	Purusottampur
126	SC Pratappur	Pratapur	
127	SC Purusottampur	Purusottampur NAC	
128	SC Raipur	Raipur	
129	SC Ranajhalli	Ranajhalli	
130	SC Sikula	Sikula	
131	SC Sunathar	Sunathar	
132	PHC Baranga	Baranga	
133	PHC Jaradagada	Jaradagada	
134	PHC Khariaguda	Khariaguda	
135	PHC Nuapentha	Podadigi	
136	PHC Tumba	Tumba	
137	PHC Turubudi	Turubudi	
138	PHC Surangi	Surangi	
139	CHC Patrapur	Patrapur	
140	SC Ankuli	Ankuli	
141	SC B. Nuagaon	B.Nuagam	
142	SC Badapur	Badapur	
143	SC Baranga	Baranga	
144	SC Bhimapur	Samantiapalli	
145	SC Buratal	Buratal	Patrapur
146	SC Gudipadar	Gudipadar	
147	SC Gundura	Gundra	
148	SC Jarada	Jarada	
149	SC Jayantipur	Jayantipur	_
150	SC Kelua	Podadigi	
151	SC Kesaripada	Kesaripada	
152	SC Khamarigaon	Ambapur	_
153	SC Khariaguda	Khariaguda	_
154	SC Kharinipada	Kharinipada	_
155	SC Mandarada	Khariaguda	_
156	SC Padadigi	Podadigi	<u> </u>
157	SC Patrapur MC	Patrapur	_
158	SC Sunakhala	Ambagoan	



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
159	SC Surangi	Sarangi	
160	SC Titigaon	Titigoan	ъ.
161	SC Tumba	Tumba	Patrapur
162	SC Turubudi	Turubudi	
163	CHC K.S.Nagar	K.S.Nagar NAC	
164	Badamahuri	Badamahuri/ Risipur	
165	Bolasara	Bolasara / Sunarijhola	K.S.Nagar
166	Kaniari	Kaniari	_
167	Subalaya (B)	Subalaya	
168	PHC Bhanja vihar	Rangeilunda	
169	PHC Gopalpur	Gopalpur NAC	
170	PHC Mantridi	Mantridi	
171	PHC Sunadei	Chandapur	
172	CHC Keluapalli	Keluapalli	
173	SC Ambapua	Ambapua	
174	SC Badkusastalli	Badkusastalli	
175	SC Biswanathpur	Biswanathpur	
176	SC Boxipalli	Boxipalli	
177	SC Chikarda	Chikarada	
178	SC Dura	Chikarada	
179	SC Gaunju	Gounju	
180	SC Golabandha	Golabandha	Rangeilunda
181	SC Golonthara	Golanthara	rangenanaa
182	SC Jhadankulli	Satakutuni/ Bhabinipur	
183	SC Kanisi	Kanisi	
184	SC Karapali	Karapalli	
185	SC Keluapalli	Keluapalli	
186	SC Kolathigaon	Kolathigam	
187	SC Majhigaon	Padampur	
188	SC Mantridi	Mantridi	
189	SC Mendarajpur	Sasanapadar/ Indrakhi/	
190	SC Phultta	Pulta	
191	SC Rangeilunda	Rangeilunda	
192	SC Rangipur	Rangipur	4
193	SC Sunadei	Kanisi	
194	PHC Goudagaon	Goudagaon	
195	CHC Digapahandi	Digapahandi NAC	
196	PHC Jharipadar	B.Turubudi	Digapahandi
197	PHC Padmanavpur	Padmanavpur	
198	PHC Sidheswar	Sidheswar	
199	PHC Talasingi	Kaithakhandi	66   D a a a



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
200	PHC Bhismagiri	Bhismagiri	
201	CHC Bomakei	Bomakei	
202	SC Ankorada	Ankorada	
203	SC B.Turubudi	B.Turubudi	
204	SC Badadumula	Bada Dumula	
205	SC Bamkoi	Bomokei	
206	SC Basudevpur	Basudevpur	
207	SC Bhismagiri	Bhismagiri	
208	SC Bhramarapur	Bhramarapur	
209	SC Chaitanyapur	Padmanavapur	
210	SC Digapahandi - I	Digapahandi NAC	
211	SC Digapahandi- II	Digapahandi NAC	
212	SC Gada.Samantarapur	Khamarigoan	
213	SC Gadagovindapur	Gadagovindapur	
214	SC Gaudagaon	Goudagam	Digapahandi
215	SC Ghodahada Dam	Khamarigoan	
216	SC Gokournapur	Gokournapur	
217	SC Gopinathpur	Bhramarapur	
218	SC Jakara	Jakar	
219	SC Kaithakhandi	Kaithakhandi	
220	SC Karapada	Kusapada	
221	SC Kumarada	Bomokei	
222	SC Kusapada	Padmanavapur	
223	SC Odasingi	Kaithada	
224	SC Padmanavapur	Padmanavapur	
225	SC Panada	Nimakhandipentha	
226	SC Phasiguda	Phasiguda	
227	SC Sahadevtikarpada	Sahadevtikarpada	
228	SC Sidheswar	Sidheswar	
229	PHC Beguniapada	Beguniapada	
230	PHC Rahada	Sandhamula	
231	CHC Kodala	Kodala NAC	
232	CHC Sumandala	Sumandala	
233	SC Angaragaon	Angargoan	
234	SC Bada. Gudiali	Mordomekha	Beguniapada
235	SC B. Khairkhama	B.K.Khamma	02
236	SC Beguniapada	Beguniapada	
237	SC Beruhabadi	Beruhabadi (B)	
238	SC Burujhuri Nuagaon	Burujhuri Nuagaon	
239	SC Chandanpur	Chandapur	
240	SC Chingudikhola	Chingudikhola	67   D a a a



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
241	SC Digapada	Digapada	
242	SC K. Barida	K. Barida (B)	
243	SC K. Ranipada	Sana uthapada	
244	SC Kodala 1	Kodala NAC	
245	SC Kodala II	Kodala NAC	
246	SC Mardakote	Mordokote	
247	SC Mathasrasingi	Mathasarasingi	ъ
248	SC Phasi	Phasi	Beguniapada
249	SC S. Chhachina	S.Chhachina	
250	SC Sandhamula	Sandhamula	
251	SC Sankuda	Sankuda	
252	SC Sumandala	Sumandala	
253	SC Talasara	Talasara	
254	SC Tirida	Khandianai	
255	PHC Chikili Talapada	Chikili	
256	PHC Kanheipur	Kanheipur	
257	PHC Pathara	Pothara	
258	PHC B.N.Pur	Bedanalinakshyapur	
259	CHC Khallikote	khallikote NAC	
260	S C Aitipur	Aitipur	
261	SC Badhi Nuapalli	B.N.Palli	
262	SC Bagalpur	Tentuliapalli	
263	SC Bania	Bania	
264	SC Barasar	Talapada	
265	SC Bedhanali Naksahyapur	Bedanalinakshyapur	
266	SC Bikrampur	Bikrampur	
267	SC Chikili	Chikili	
268	SC Danapur	Danapur	Khallikote
269	SC Dimiria	Dimiria	
270	SC Kairasi	Kairasi,Bhikapada,Khojapalli Kanaka	
271	SC Kanaka	·	
272	SC Kanheipur	Kanheipur	
273	SC Kendupata	Badhi Nuapalli	
274	SC Keshapur SC Khalikote MC	Keshpur Khallikote NAC	
275 276	SC Knallkote MC	Knallikote NAC Komanda	
276	SC Langaleswar	Langaleswar	
277	SC Mathura	Mathura	
278	SC Naikanipalli	Naikanipalli	
280	SC Pathara	pathara,odialapur	
280	SC Phasipada	Badhi Nuapalli	
201	oc riiasipada	раціі ічцараці	



SI No.	Name & Location of the Hospitals/ Subcenters	Gram Panchayat Name	Block Name
282	SC Pustapur	Konchana	Khallikote
283	SC Sabulia	Sabulia	Khailikote
284	DHH, City Hospital, Berhampur	Ward NO-19	
285	UPHC, Aska Road, Berhampur	Ward NO-03	
286	UPHC, Ambapua	Ward NO-40	
287	UPHC,Khodasing	Ward NO-39	BeMC,Berhampur
288	UPHC , Goodshed Road	Ward NO-27	
289	UPHC,Utaramukhi	Ward NO-01	
290	UPHC,Baikuntha Nagar	Ward NO-22	

# 3. 4 <u>List of Schools/ AWC exposed to Cyclone</u>:

SI. No.	Name & Location of the School	Gram Panchayat Name	Block Name		
(Thou	gh Cyclone's intensity & gravity is not limited to a particu	lar pocket, it may co	over the entire		
district.	district. Hence, there is a possibility that the whole district will be affected and can be shown under				
	this point.)				

# 3.5: Roads exposed to Cyclone (Storm Surge):

SI. No.	Road exposed to cyclone (storm surge) (From To)	Road Type	Length in Km.	Block Name
1	2	3	4	5
Polas	ara Sub-Division :			
1	PWD Road to Bhagabanpur from 1/00 Km. to 3/00 Km.	Rural Road	2.000	Polasara
2	PWD Road to Singhasini Road from 2/00 Km. to 5/00 Km.	Rural Road	3.000	Polasara
3	Belagam - Budheisuni Road from 2/00 to 3/500 Km.	Rural Road	1.500	Polasara
4	Bartini - Dhimiria Road from 2/00 Km. to 3/500 Km.	Rural Road	1.500	Polasara
5	Kotakala - Bhamasiali Road from 0/00 Km. to 2/00 Km.	Rural Road	2.000	Polasara
6	Balichhai - Ghodapalana Road from 0/500 Km. to 2/500 Km.	Rural Road	2.000	Polasara
Koda	la Sub-Division :			
1	Ranajhali - Hundata - Hatapur Road from 0/400 Km. to 2/00 Km.	Rural Road	1.600	Purushottampur
2	MDR-66 to Pratapur - Handighar - Achuli Junction from 2/200 to 6/800 Km.	Rural Road	4.600	Purushottampur
3	Humma - Boirani P.W.D. Road to Koithada Road from 0/500 Km. to 3/00 Km.	Rural Road	2.500	Purushottampur
4	Somma - Singipur Road from 0/300 to 1/500 Km.	Rural Road	1.200	Purushottampur



,		<del></del>		
SI. No.	Road exposed to cyclone (storm surge) (FromTo)	Road Type	Length in Km.	Block Name
1	2	3	4	5
5	Arakhapur - Rishipur Road from 1/200 Km. to 3/00 Km.	Rural Road	1.800	Purushottampur
6	Khojapalli - Satanalla Road from 0/000 Km. to 8/430 Km.	Rural Road	8.430	Beguniapada
7	Kodala - Mardamekha - Ghodapada Road from 0/000 Km. to 5/270 Km.	Rural Road	5.270	Beguniapada
8	Kodala - Phasi - Billipada extended to Badua Road from 0/000 Km. to 1/740 Km.	Rural Road	1.740	Beguniapada
9	Digapada - Phasi - Lathuli Road from 0/000 Km. to 3/000 Km.	Rural Road	3.000	Beguniapada
Bhanj	anagar Sub-Division			
1	Gallery Badangi Road from 5/600 to 6/00 Km.	Rural Road	0.4	Bhanjanagar
2	Sanakodanda-Lalsingi Road extended to Mujagada from 2/600 Km. to 3/500 Km. and 10/600 Km. to 12/600 Km.	Rural Road	2.900	Bhanjanagar
3	SH-7 to Badakodanda Road from 2/500 Km. to 3/00 Km.	Rural Road	0.500	Bhanjanagar
4	Chakundapalli-Dhumakumpa Road from 4/00 Km. to 5/200 Km.	Rural Road	1.200	Bhanjanagar
5	Dholopita-Domuhani Road from 4/200 Km. to 6/200 Km.	Rural Road	2.000	Bhanjanagar
6	Baruda-Buduli Road from 7/000 Km. to 9/000 Km.	Rural Road	2.000	Bhanjanagar
7	Bhanjanagar PWD road to Bhaliakhai PWD road via Gamundi from 4/000 Km. to 5/000 Km.	Rural Road	1.000	Bhanjanagar
8	Gallery PWD Road to Hariguda via Jhadahatuni from 2/000 Km. to 3/500 Km.	Rural Road	1.500	Bhanjanagar
9	Lembhei-Raipalli Road from 5/000 7/000 Km.	Rural Road	2.000	Bhanjanagar
10	PWD road Bellaguntha to PWD road Kullada Via. Jampalli-Ampudi from 1/000 Km. to 2/000 Km.	Rural Road	1.000	Bhanjanagar
11	Gallery PWD Road to Hariguda via. Golabandha from 3/000 Km. to 5/000 Km.	Rural Road	2.000	Bhanjanagar
12	Nidhiapalli-Baibilli Road from 8/000 Km. to 13/000 Km.	Rural Road	5.000	Bhanjanagar
13	Gallery Kupati road via. Ranikiyari Road from 5/000 Km. to 7/000 Km.	Rural Road	2.000	Bhanjanagar
14	Bellagutnha - Lembhei Road (at 4/6th Km) to Golapada Road from 6/000 Km. to 7/000 Km.	Rural Road	1.000	Bhanjanagar
15	Raipalli to Gopinathpur via Nattapalli, Dhanajaypur,Krushnapalli, Gajpadar,Chandipatna and Narayanpatna Road from 5/000 Km. to 7/000 Km.	Rural Road	2.000	Bhanjanagar
16	Bahadapadar to Nandinipalli via Chadiapalli and Gurabadi Road from 2/000 Km. to 3/000 Km.	Rural Road	1.000	Bhanjanagar
17	SH-7 to Purunapani via Malasapadar , Buduli & Budhamba village Road from 6/000 Km. to 8/000 Km	Rural Road	2.000	Bhanjanagar
18	Belaguntha-Gereda-Lembhei Road from 10/600 Km. to 11/600 Km.	Rural Road	1.000	Jagannathprasad



SI. No.	Road exposed to cyclone (storm surge) (FromTo)	Road Type	Length in Km.	Block Name
1	2	3	4	5
19	Kadapada-Jhadabhumi Road from 2/000 Km. to 3/000 Km. and 3/900 Km. to 4/500 Km.	Rural Road	1.600	Jagannathprasad
20	Jeerabadi-Jhulanmandap Road from 2/000 Km. to 3/000 Km. Rural Ro		1.000	Jagannathprasad
21	Gundrisahi-Gayaganda Road from 10/000 Km. to 12/000 Km. and 15/000 Km. to 18/000 Km.	Rural Road	5.000	Jagannathprasad
22	Gereda to Khetamundali Road from 4/000 Km. to 6/000 Km.	Rural Road	2.000	Jagannathprasad
23	RD road to Malingi PWD road Via Rauti from 3/000 Km. to 3/500 Km.	Rural Road	0.500	Jagannathprasad
24	Pratapur to Patrapalli via Patharapalli and Gothalunda Road from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Jagannathprasad
25	Panchubhuti to Chaidapalli PWD road Via. Chadiapalli village Road from 0/000 Km. to 8/000 Km. and 3/000 Km. to 4/000 Km.	Rural Road	9.000	Jagannathprasad
26	Budurungu RD road to Chellakhai PWD road Via Sisunda Charichaka from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Jagannathprasad
27	Rudhapadar PWD road to Bada Gundribadi Via Saragapata Naragudu and Khatapatani Road from 5/000 Km. to 10/000 Km.	Rural Road	5.000	Jagannathprasad
28	Kokolunda PWD road Chaka to Pantikhari RD road via Nua Kokalunda Kandhapalli of Bellaguntha Block via Rajanapalli and Balakiyari of JNP Block from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Jagannathprasad
29	Gandadhar-Samarabandha Road from 5/000 Km. to 7/300 Km.	Rural Road	2.300	Jagannathprasad
30	Khetamundali-Banta Road from 5/000 Km. to 8/000 K	Rural Road	3.000	Jagannathprasad
31	Gayaganda-Nabagocha Road from 2/000 Km. to 4/000 Km.	Rural Road	2.000	Jagannathprasad
32	R.D. Road Kudutei to Samarabandha Via- Badakhanda - Tulasipalli and Narayanpalli Road from 3/000 Km. to 5/000 Km.	Rural Road	2.000	Jagannathprasad
Aska :	Sub-Division			
1	Nirala - Rishipur Road from 0/000 Km. to 11/500 Km.	Rural Road	11.500	Aska
2	PWD Road to Venkataraipalli from 0/000 Km. to 5/420 Km.	Rural Road	5.420	Aska
3	Jaypur - Tarasing Road from 0/000 Km. to 4/210 Km.	Rural Road	4.210	Aska
4	NH-217 to Ghasibili Road from 0/000 Km. to 1/850 Km.	Rural Road	1.850	Aska
5	Saba-Lingama-Dhaupada Road from 0/000 Km. to 5/800 Km.	Rural Road	5.800	Dharakote
6	Janivilli - Sorada - Badagada Road from 10/000 Km. to 12/000 Km.	Rural Road	2.000	Dharakote



SI. No.	Road exposed to cyclone (storm surge) (From To)	Road Type	Length in Km.	Block Name
1	2	3	4	5
Bellag	guntha Sub-Division			
1	Gajalbadi - Kereda Road from 0/000 Km. to 6/000 Km.	Rural Road	6.000	Sorada
2	Merikote - Selimgocha Road from 4/000 Km. to 12/000 Km.	Rural Road	8.000	Sorada
3	Badagada - Goudagotha Road from 11/000 Km. to 18/000 Km.	Rural Road	7.000	Sorada
4	Kulangi - K.Barapur Road from 6/000 Km. to 10/000 Km.	Rural Road	4.000	Sorada
5	Gangapur - Bori - Khamandi Road from 5/000 Km. to 6/000 Km.	Rural Road	1.000	Bellaguntha
6	Binchana - Badaborsing Road from 2/000 Km. to 3/500 Km.	Rural Road	1.500	Bellaguntha

## 3.6: <u>List of Hospitals/ Health Centers Exposed to Tsunami:</u>

## <u>List of Hospitals/ Health Center Exposed to Tsunami:</u>

SI No.	Name & Location of the Hospitals/ Subcentres	GP Name	Block Name
1	PHC Nolianuagoan	Agastinuagoan	
2	SC Bada Arjyapalli	Arjyapalli	1
3	SC Kalipalli	Kalipalli	Chatrapur
4	SC Konamana	Kanamana	
5	SC Podapadar	Podapadar/ Agastinuagoan	
6	PHC Humma	Humma	
7	SC Pallibandha	Palibandha	Ganjam
8	SC Kantiagada	Kantiagada	Ganjam
9	SC Pallur	Ramagada	
10	PHC Gopalpur	Gopalpur NAC	
11	PHC Bhanja vihar	Rangeilunda	
12	CHC Keluapalli	Keluapalli	
13	SC Gopalpur	Gopalpur NAC	
14	SC Biswanathpur	Biswanathpur	Day william da
15	SC Mendrajpur	Indraki/ Sasanpadar	Rangeilunda
16	SC Keluapalli	Keluapalli	
17	SC Golabandha	Golabandha	
18	SC Boxipalli	Boxipalli	=
19	SC Rangeilunda	Karapalli	
20	PHC Surola	Surala	
21	SC Govindapur	Jhatipadar	
22	SC Sunapur	Sunapur	- Chikiti
23	SC Katuru	Katur	



Table No. 3.7: <u>List of Schools/AWC exposed to Tsunami</u>:

SI. No.	Name & Location of the School	Gram Panchayat Name	Block Name
1	Ramyapatna-I/Ramyapatna-II/ Anantaraypur AWC	Katuru/ Sonepore	Chikiti

(Though Tsunami's intensity & gravity is not limited to a particular pocket, it may cover the coastal regions especially coastal villages of Chatrapur / Ganjam / Rangeilunda and Chikiti Block).

Source: DSWO, Ganjam, Chatrapur

Table No. 3.8: Roads exposed to Tsunami:

SI. No.	Road exposed to Tsunami (FromTo)	Road Type	Length in Km	Block Name
1	Surala – Sonepur road (From 9/0 to 10/0 Km)	BT & CC	1.000	Chikiti
2	Randha to Markandi road via Tulu road (From 7/0 to 10/0 Km)	BT & CC	3.000	Rangeilunda
3	Konisi-Dumumi-Mandrajpur road (From 9/0 to 12/0 km)	BT & CC	3.000	Rangeilunda

Table No. 3.9: <u>List of Hospitals/ Health Centers Exposed to Flood:</u>

	List of Hospitals/ Health Center Exposed to Flood							
SI No.	Name & Location of the Hospitals/ Sub Centres	No. Of Beds	GP Name	Block Name	Flood Causing Agent			
1	CHC Municipentha	16	Potlampur					
2	PHC Nolia Nuagoan		Agastinuagoan					
3	SC Municipentha		Potlampur		Rushikulya river			
4	SC Badamadhapur		Badamadhapur	Chatrapur				
5	SC Baulagoan		Baulagoan/ Mahanadapur	Chatrapar				
6	SC Nandapandapalli		Baulagoan					
7	SC Bipilingi		Bipilingi					
8	Podapadar		Podapadar/ Agastinuagoan					
9	PHC Dengaustha	1	Singipur					
10	PHC Gautami		Goutami					
11	PHC Kankarada		Konkarada					
12	PHC Pattapur	6	Patapur		Taptaninal &			
13	PHC Adapada	16	Adapada	Sanakhemundi	Ghodahada			
14	SC Adapada		Adapada		River			
15	SC Ambagaon		Ambagoan					
16	SC Chenamari		Chanameri					
17	SC Dengadi		Dengadi					



SI No.	Name & Location of the Hospitals/ Sub Centres	No. Of Beds	GP Name	Block Name	Flood Causing Agent
18	SC Dharmaraipur		P Ramachandrapur		
19	SC Erendra		Erendra		
20	SC Gangapur		Gangapur		
21	SC Kankarada		Kankarada		Taptaninal &
22	SC Khalingi		Khallingi Sanakhemun		Ghodahada
23	SC Mahanala A		Choudungapur		River
24	SC Mahanala B		Patapur		
25	SC Malabhanja		Malabhanja		
26	P. Jagannathpur		P.Ramachnadrapur		
27	PHC Nuapada	10	Nuapada		
28	PHC Surola		Surala		
29	PHC Kotilingi		Kotilingi		
30	SC Sunapur		Sunapur		
31	SC BLNPur		Lalmenta		Budhanala River
32	SC Nuapada		Nuapada		
33	SC Kalabada		Kalabada	Chikiti	
34	SC Lalmenta		Lalmenta		
35	SC Maundapur		K.Nuagoan		
36	SC Govindapur		Jhatipadar		
37	SC Katuru		Katuru		
38	SC Kotilingi		Kotilingi		
39	SC Badapalnka		P.Ramachandrapur		
40	PHC Pandia		Pandia		
41	PHC Soma		Soma		
42	PHC Pratapur		Pratapur		
43	CHC Purusottampur	10	Purusottampur NAC		
44	SC Gangadeuni		Gangadeuni		
45	SC Pandia		Pandia		
46	SC Bhimpur		Bhimpur		
47	SC Antarigoan		Antarigoan		
48	SC Mahachhai		Tankachai	Purusottampur	
49	SC Purusottampur		Purusottampur NAC		Rushikulya
50	SC Kumari		Purusottampur NAC		river
51	SC Pratapur		Pratapur		
52	SC K.N.PUR		K.N.PUR		
53	SC Raipur		Raipur		
54	SC Achuli		Achuli		
55	SC Sikula		Sikula		
56	SC Jamuni		Jamuni		



SI No.	Name & Location of the Hospitals/ Sub Centres	No. Of Beds	GP Name	Block Name	Flood Causing Agent	
57	PHC Goudagoan		Goudagoan			
58	CHC Bomakei	6	Bomakei			
59	SC Bomakei		Bomakei			
60	SC G.Samantarapur		Khambharigoan			
61	SC Gadagovindapur		Gada gobindapur			
62	SC Gaudagaon		Goudagoan	- Digapahanadi	Ghodahada	
63	SC Ghodahada Dam		Khambharigoan	Digapariariadi	Dam	
64	SC Jakara		Jakar			
65	SC Kaithakhandi		Kaithakahandi			
66	SC Karapada		Kushapada			
67	SC Kumarada		Bamokei			
68	SC Panada		N.K.pentha			
69	SC Angaragaon		Angargoan			
70	SC B. Khairikhama		B.K.Khamma			
71	SC Chandanpur		Chandanpur		Kharkhai River	
72	SC Chingudikhola		Chingudikhola	- Beguniapada		
73	SC Mardakote		Mardakote	_ beguinapada		
74	SC S. Chhachina		S. Chhachina			
75	SC Sandhamula		Suandhamula			
76	SC Talasara		Talasara			
77	PHC Baranga		Baranga	<u> </u>		
78	SC Baranga		Baranga		Ganju nal & Bahuda River	
79	SC B.Nuagoan		B.Nuagoan	Patrapur		
80	SC Gudipadar		Gudipadar	_		
81	SC Jayantipur		Jayantipur			
82	CHC K.S.Nagar	16	K.S.Nagar NAC	<u> </u>	Baghua,	
83	SC Bolasara		Bolasara	K.S.Nagar	Dhanei &	
84	SC Kaniari		Subalaya		Bankunala River	
85	SC Bhetasingi		Sunarijhola		River	
86	PHC B.N.Pur		B.N.Pur	_	Kharkhai	
87	SC B.N.Pur		B.N.Pur	Khallikote	River	
88	SC Kanaka		Kanaka			
89	SC Gopalpur		Gopalpur NAC			
90	SC Biswanathpur		Biswanathpur	_	Bahanala &	
91	SC Medrajpur		Indrakhi/sasanpadar	Rangeilunda	Sapuanala	
92	SC Golabandha		Golabandha		river	
93	SC Boxipalli		Boxipalli			
94	PHC UDSPur		UDSPur	_	Duchikuka	
95	PHC Humma	1	Humma	Ganjam	Rushikulya river	
96	SC UDSPur		UDSPur		river	



SI No.	Name & Location of the Hospitals/ Sub Centres	No. Of Beds	GP Name	Block Name	Flood Causing Agent	
97	SC Ganjam		Ganjam NAC			
98	SC Pallibandha		Pallibandha			
99	SC Karapada		Karapada	- Ganjam	Rushikulya	
100	SC Kushapalli		Malada	Garijarri	river	
101	SC Kainchapur		Kanichapur			
102	SC Tarinipalli		Poirasi			
103	SC Kalamba		Kalamba	Polasara	Baghua & Dhanei River	
104	SC Rohigam		Rohigam	Kukudakhandi	Ghodahada Dam	
105	SC Makarjhola		Makarajhola			
106	SC Ralaba		Ralaba		Rushikulya & Ghodahada	
107	SC Balarampur		Balarampur	Hinjilicut		
108	SC Chanduli		Khandara			
109	SC Giria		Giria			
110	SC Nandiko		Nandiko			
111	SC Ketamundali		K.Mundali	J.N.Prasad	Badanadi & Jarau Nadi	
112	SC Golapada		Golapada			
113	SC Kullada		Kullada	Bhanajanagar	Loharakhandi River	
114	SC Raipalli		Baruda	1	5.	
115	SC Gahangu		Gahangu			
116	SC P.Jayapur		Padhala	Aska	Rushikulya &	
117	SC Haradapadar		Haradapadar	Aska	Badanai River	
118	SC Kharia		Kharia			
119	SC Merikote		Merikote	- Surada	Rushikulya	
120	SC Goudagotha		Goudagotha	Julada	River	
121	SC Pitala		Pitala	Seragada	Rushikulya	
122	SC Kanjiyama		Kanjiyama	Jerugudu	River	



Table No. 3.10: <u>List of Schools/ AWC exposed to Flood</u>:

SI. No	Name & Location of the School	Gram Panchayat Name	Block Name	Flood Causing Agent
1	Vetasingi/Bolasara/Matha Tentulia	SunariJhola/Bolasara/Subalya	K.S Nagar	Over flow of Rusukulya & Badanadi
2	Alapur/Kharida/chanduli/Khandra/ Balarampur	Ralba/Kharida/Chanduli/Chan duli/Makarjhola	Hinjilicut	
3	P.Mahisanpur-1/P. Mahisanpur-2/ N. Mahisanpur AWC/ Kharakharia- 1 &2 AWC/ Bada benayata AWC	Kalabada	Chikiti	Due to Bahuda River
4	Mundamarei-I to VI/ Sundrapalli-I & II/ Podapalli/Sunapalli/ Laxmipur/ R. D. Palli-I to III/ Kushapada/Jagamohan- I to III/Putu/Nandigarh I to IIIG.P. Sasana/ Muktapunji/Jahada I to VII/ Baradabilli-I to IV/ Dasmile/SGP Sasan/Hanumandwar	Mundamarei (Mundamarei-I to Podapalli)/ Sardhapur (Sunapalli & Laxmipur)/ G.D. Palli (R.D.Palli-I to III)/Jahada (Kushpada)/Jagmoh an (Jagmohan-I to G.P. Sasana)/ Jahada (Muktapunji to Jahada VII)/ Baradabilli (Baradaballi-I to IV) Jahada (Dasmile)/ Jagmohan (S.G.P.Sasana)/ Dharakote (Hanumaandwar)	Dharakote	Rusukulya River

Table No.3.11 Roads exposed to Flood:

SI. No.	Road exposed to Flood (From To)	Road Type	Length in Km.	Flood Causing Agent	Block Name		
Polas	Polasara Sub-Division :						
1	PWD Road to Bhagabanpur from 1/00 Km. to 3/00 Km.	Rural Road	2.000	Due to heavy flood coming in River Baghua and Dhanei in rainy sesion and summerging in low land river embankment.	Polasara		
2	PWD Road to Singhasini Road from 2/00 Km. to 5/00 Km.	Rural Road	3.000	Due to heavy flood coming in River Baghua and Dhanei in rainy sesion and summerging in low land river embankment.	Polasara		
3	Belagam - Budheisuni Road from 2/00 to 3/500 Km.	Rural Road	1.500	Due to heavy flood coming in River Baghua and Dhanei in rainy sesion and summerging in low land river embankment.	Polasara		
4	Bartini - Dhimiria Road from 2/00 Km. to 3/500 Km.	Rural Road	1.500	Due to heavy flood coming in River Baghua and Dhanei in rainy sesion and summerging in low land river embankment.	Polasara		
5	Kotakala - Bhamasiali Road from 0/00 Km. to 2/00 Km.	Rural Road	2.000	Due to heavy flood coming in River Baghua and Dhanei in rainy sesion and summerging in low land river embankment.	Polasara		



SI. No.	Road exposed to Flood (From To)	Road Type	Length in Km.	Flood Causing Agent	Block Name
6	Balichhai - Ghodapalana Road from 0/500 Km. to 2/500 Km.	Rural Road	2.000	Due to heavy flood coming in River Baghua and Dhanei in rainy sesion and summerging in low land river embankment.	Polasara
Koda	la Sub-Division :				
1	Balia - Aladigaon Road from 0/200 to 3/00 Km.	Rural Road	2.800	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
2	Achuli Junction to Somma Road from 1/00 to 3/00 Km. and 3/600 Km. to 4/500 Km.	Rural Road	2.000 0.900	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
3	Purushottampur - Ranigam - Sikula Road from 0/800 to 3/900 Km.	Rural Road	3.100 Km.	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
4	Mukundapur Junction to Tara Tarini ring road from 1/00 Km. to 1/90 Km.	Rural Road	3.100 Km.	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
5	Somma - Sikula Road from 0/300 to 1/800 Km.	Rural Road	1.500 Km.	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
6	Kaleswar - Pandia - Jaugada Road from 1/600 Km. to 2/800 Km.	Rural Road	1.200 Km.	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
7	MDR-66 to Pratapur - Handighai - Achuli Junction from 2/200 Km. to 6/800 Km.	Rural Road	4.600 Km.	Due to heavy flood coming in River Rushikulya in rainy sesion and summerging in low land river embankment.	Purushottampur
8	Kodala - Phasi - Bilipada extended to Bhodua from 2/200 Km. to 4/00 Km. and 4/800 Km. to 5/600 Km.	Rural Road	1.800 Km. 0.800 Km.	Due to heavy flood coming in River Jagata Nallah and Kharkhari in rainy sesion and summerging in low land river embankment.	Beguniapada
Bhan	janagar Sub-Division				
1	Sanakodanda-Lalsingi Road extended to Mujagada from 10/000 Km. to 12/000 Km.	Rural Road	2.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
2	Dholopita-Domuhani Road from 4/000 Km. to 5/000 Km. and 8/500 Km. to 9/500 Km.	Rural Road	1.000 1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar



SI. No.	Road exposed to Flood (From To)	Road Type	Length in Km.	Flood Causing Agent	Block Name
3	Baruda-Buduli Road from 2/000 Km. to 3/000 Km. and 6/000 Km. to 7/000 Km.	Rural Road	1.000 1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
4	Bhanjanagar PWD road to Bhaliakhai PWD road via Gamundi from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
5	Lembhei-Raipalli Road from 2/000 Km. to 5/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
6	PWD road Bellaguntha to PWD road Kullada Via. Jampalli-Ampudi from 1/500 Km. to 2/000 Km.	Rural Road	0.500 Km.	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
7	Gallery Kupati road via. Ranikiyari Road from 4/000 Km. to 5/000 Km. and 8/000 Km. to 9/100 Km.	Rural Road	1.000 1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
8	Raipalli to Gopinathpur via Nattapalli, Dhanajaypur,Krushnapalli Gajpadar,Chandipatna and Narayanpatna Road from 3/000 Km. to 4/000 Km. and 5/000 Km. to 7/000 Km.	Rural Road	1.000 2.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
9	P W D Road to Kalipanka via Mujagada from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
10	Belaguntha-Gereda- Lembhei Road from 21/000 Km. to 22/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
11	PWD road to Paitagaon via Dadaralunda village from 1/000 Km. to 2/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar



SI.	Road exposed to Flood	Road	Length	Flood Causing Agent	Block Name
12	(From To)  Bhanjanagar Bhaliakhai RD Road to Jilundi Via Agajhola from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Bhanjanagar
13	Belaguntha-Gereda- Lembhei Road from 6/800 Km. to 8/000 Km.	Rural Road	1.200 Km.	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
14	Kadapada-Jhadabhumi Road from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
15	Jeerabadi-Jhulanmandap Road from 2/000 Km. to 3/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
16	Manapur-Tarasingi Road from 2/000 Km. to 3/000 Km. and 5/000 Km. to 6/000 Km.	Rural Road	1.000 1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
17	Kamasara-Nuakamasara Road from 0/900 Km. to 1/900 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
18	Gundrisahi-Gayaganda Road from 15/000 Km. to 18/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
19	Gereda to Khetamundali Road from 3/000 Km. to 5/000 Km.	Rural Road	2.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
20	RD road to Malingi PWD road Via Rauti from 3/000 Km. to 3/500 Km.	Rural Road	0.500 Km.	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
21	Pratapur to Patrapalli via Patharapalli and Gothalunda Road from 3/000 Km. to 3/500 Km. &4/500 Km. to 5/000 Km.	Rural Road	0.500 Km. 0.500 Km.	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad



SI. No.	Road exposed to Flood (From To)	Road Type	Length in Km.	Flood Causing Agent	Block Name
22	Panchubhuti to Chaidapalli PWD road Via. Chadiapalli village Road from 2/000 Km. to 3/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
23	Budurungu RD road to Chellakhai PWD road Via Sisunda Charichaka from 2/000 Km. to 3/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
24	Gandadhar-Samarabandha Road from 2/000 Km. to 3/000 Km. and 5/000 Km. to 6/000 Km.	Rural Road	1.000 1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
25	P W D Road J.N.Prasad to Anchalika Mahavidyalaya via Badadanda Sasan and Angyaprasad from 4/000 Km. to 4/500 Km. and 6/000 Km. to 6/800 Km.	Rural Road	0.500 0.800	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
26	Kamasaragada Chhaka to P W D Road via Jhadasahi Puruna Kusapalli and Nua Kusapalli Road from 4/000 Km. to 5/000 Km. and 6/000 Km. to 7/000 Km.	Rural Road	1.000 1.000	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
27	B D Pur to Adheigam via Khamarapalli and Nimapadar village Road from 1/500 Km. to 2/500 Km. and 4/500 Km. to 5/000 Km.	Rural Road	1.000 0.500	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
28	R.D. Road Kudutei to Samarabandha Via- Badakhanda - Tulasipalli and Narayanpalli Road from 2/000 Km. to 3/000 Km. and 4/500 Km. to 5/000 Km.	Rural Road	1.000 0.500	Due to heavy flood coming in River Lohara Khandi and Badanadi in rainy sesion and summerging in low land river embankment.	Jagannathprasad
Aska	Sub-Division		T		
1	Sanakholi - Gahangu Road from 0/600 Km. to 1/500 Km.	Rural Road	0.900	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska



SI. No.	Road exposed to Flood (From To)	Road Type	Length in Km.	Flood Causing Agent	Block Name
2	Kalamba - Gahangu Road from 1/000 Km. to 3/000 Km.	Rural Road	2.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
3	Kendupadar - Pailipada Road from 3/000 Km. to 6/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
4	Samantarapur - Dhanija Road from 1/500 Km. to 3/000 Km.	Rural Road	1.500	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
5	Babanpur - Maharajpur Road from 1/000 Km. to 4/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
6	K.Nuapalli-Nirla-Rishipur Road from 1/000 Km. to 4/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
7	SH-7 to Jagadalpur Road from 1/000 Km. to 2/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
8	K.Laxmanpalli to Mantapada Road from 3/000 Km. to 4/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
9	NH-217 to Ghasibilli Road from 1/500 Km. to 3/000 Km.	Rural Road	1.500	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Aska
10	J.N.Pur Sasan to Bakharakota from 1/000 Km. to 2/500 Km.	Rural Road	1.500	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Dharakote
11	Mundamarei - Sindurapalli Road from 2/000 Km. to 4/000 Km.	Rural Road	2.000	Due to heavy flood coming in River Rushikulya and Badanadi in rainy sesion and summerging in low land river embankment.	Dharakote



SI. No.	Road exposed to Flood (From To)	Road Type	Length in Km.	Flood Causing Agent	Block Name
Sorac	da Sub-Division				
1	PWD Road to Budhakendu Thakurani Road from 0/000 Km. to 1/500 Km. and 3/500 Km. to 5/000 Km.	Rural Road	1.500 1.500	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Sorada
2	Baradi - Lokamari - Amarutulu Road from 1/500 Km. to 4/000 Km., 6/500 Km. to 11/500 Km. and 12/000 Km. to 13/000 Km.	Rural Road	2.500 5.000 1.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Sorada
3	Amarutulu Junction to Hinjilikoda Road from 5/000 Km. to 6/000 Km.	Rural Road	1.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Sorada
4	PWD Road to Perju - Genja Road 9/000 Km. to 11/000 Km.	Rural Road	2.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Sorada
5	Janivilli to Badagada Road from 18/000 Km. to 21/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Sorada
6	Dimiripalli to Sadangipalli Road from 3/000 Km. to 6/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Bellaguntha
7	Sadingipalli - Chatabara Roadfrom 2/000 Km. to 4/000 Km.	Rural Road	2.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Bellaguntha
8	Nuagam Junction to Kurulei Road from 0/000 Km. to 3/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Bellaguntha
9	Patharapalli - Mangalapur Road from 5/000 Km. to 8/000 Km.	Rural Road	3.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Bellaguntha
10	Kendupadar - Pailipada Road from 6/000 Km. to 12/000 Km.	Rural Road	6.000	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Bellaguntha
11	Nunipada - Sana Dadanga Road from 2/500 Km. to 4/000 Km.	Rural Road	1.500	Due to heavy flood coming in River Rushikulya and Padma in rainy sesion and summerging in low land river embankment.	Bellaguntha



Table No. 3.12: Hospitals/ Health Centers Exposed to Land Slide:

SI. Name & Location of the Hospital/ No. Health Center		Land Slide Zone/ Area/ Location	Block Name	
1	Tumba	Tumba	Patrapur	

#### Table No. 3.13: Schools/ AWC Exposed to Land Slide:

SI. No.	Name & Location of the School/ AWC building	Land Slide Zone/ Area/ Location	Block Name	
1	Ghodaamba/Nakatiri/Pillipadar	Ghodamba/Nakatiri/Pilipadar	Dharakote	

Table No.3.14: Hospitals adjacent to Major Industrial Establishment/ Chemical Storage Points.

	List of Hospitals Adjacent to Major Industrial Establishment/Chemical Storage Points								
SI No.	Name & Location of the Industry/Factory/Chemical Storage Point	Name & Location of the Hospital/ Health Center (Sub-Centre)	GP Name	Block Name					
1	Indian Rare Earth, Matikhala	Bada Arjyapalli S/c Konamana S/c / Kalipalli S/c	Arjyapalli Konamana /Kalipalli						
2	Saraf Titanium factory, Konamana	Konamana S/c Kalipalli S/c	Konamana Kalipalli						
3	Tata Industrial Park , Sitarampur	I Narendrapur 3/c		Chatrapur					
4	Jayashree Chemicals , Ganjam	PHC Ganjam Ganjam S/c / Palibandha S/c	Ganjam NAC Ganjam / Pallibandha	Ganjam					

Table No. 3.15: <u>Schools and AWC adjacent of Major Industrial Establishments/ Chemical Storage Point</u>

SI. No.	Name & Location of the Industry/ Factory/ Chemical Storage Points	Name of School/ AWC.	Gram Panchayat	Block
1	M/s. I.R.E Ltd. Matikhal	Matikhala UP School	Matikhalo	Chatrapur
2	M/s. Saraf Agencies Pvt.Ltd	Kanamana UP School	Kanamana	Chatrapur
3	M/s. Aska Coop.sugar Industries Ltd.Nuagam.Aska	Nuagaon UP School	Nuagaon	Aska
4	M/s. Grasim Industries Ltd. Jayshreem,Ganjam	Kainchpur UP School	Kainchapur , Palibandha	Ganjam
5	M/s. BPCL Deport.	Lanjipalli upgraded School	Lanjipalli, Berhmapur	Konisi
6	M/s. United Spirits Ltd.	Narayanapur UP School	Narayanpur, Gopalpur,	Kukudakhandi
7	M/s. Fortune Spirits Ltd.	Alipur UP School	Alipur, Narayanpur	Kukudakhandi
8	M/s. Gopalpur Ports Ltd.	Bada Arjipalli UP School	Arjipalli	Chatrapur



Table No. 3.16 Village wise details of Population Requiring Special Care:

SI. No Block Name		Block Name Class Name Name Name Name Population Population		No. of HHs headed by Women No. of HHs headed by PWD		Child Population		No. of Persons with Disability (PWD)		No. of Widow	Or <sub>l</sub>	o. of pha	No. of Persons abo	(60 and	No. of Pregnant and lactating		
		Name	Villa	Tot	Po	No he	No he	0-5 Years	6-14 Years	М	F		М	F	М	F	ן Preg
1	Chatrapur	-		-	162469	-	-	-	-	2778	2096	2715	•	-	7408	5589	-
2	Ganjam	-	-	-	105076	2	1	-	-	1797	1355	1807	-	-	5433	4099	-
3	Khallikote	-	-	-	164977	-	-	-	-	2821	2128	2758	-	-	4856	3664	-
4	Beguniapada	-	-	-	139801	-	-	-	-	2391	1803	2377	-	-	7087	5346	-
5	Polasara	-	-	-	153189	-	-	-	-	2619	1976	2619	-	-	7682	5795	-
6	Purushottampur	-	-	-	161805	-	-	-	-	2767	2087	2692	-	-	7398	5581	-
7	KSNagar	-	-	-	134256	-	-	-	-	2637	1990	2218	-	-	5957	4494	-
8	Hinjilicut	-	•	-	143130	~	-	-	-	2447	1846	2384	-	-	6579	4963	-
9	Rangeilunda	-	-	-	482751	-	-	-	-	8483	6399	7838		-	19472	14690	-
10	Kukudakhandi	-	-	-	158373	-	-	-	-	2708	2043	2405	,	-	6322	4769	-
11	Digapahandi	-	-	-	165795	-	-	-	-	2835	2138	2778	-	-	7872	5938	-
12	Sanakhemundi	-	-	-	188451	~	~	-	-	3222	2431	2771	-	-	6953	5245	-
13	Chikiti	-	-	-	111752	-	-	-	-	1911	1441	1951	-	-	6124	4620	-
14	Patrapur	-	-	-	147792	-	-	-	-	2527	1906	2239	-	-	6344	4786	-
15	Bhanjanagar	-	-	-	160141	-	-	-	-	2738	2066	2663	-	-	7465	5631	-
16	Bellaguntha	-	-	-	131755	-	-	-	-	2253	1699	2087	-	-	5840	4406	-
17	Buguda	-	-	-	127676	-	-	-	-	2183	1647	2307	-	-	6995	5277	-
18	JNPrasad	-	-	-	144781	-	-	-	-	2476	1867	2258	-	-	6918	5219	-
19	Aska	-	-	-	149891	-	-	-	-	2563	1933	2874	-	-	8043	6068	-
20	Dharakote	-	-		113686	-	-	-	-	1944	1466	2236		-	5237	3951	-
21	Sorada	-	-	-	140741	-	-	-	-	2407	1815	2689	-	-	7714	5816	-
22	Sheragada	-	-	-	131833	-	-	-	-	2254	1700	2177	-	-	5858	4420	-
	TOTAL				3520121					60761	45832	58843			159557	120367	

4	ω	2	1	No.
Bhanjanagar	Belaguntha	Aska	Aska	Block
Turumu	Inginaatti	Sidhanai	Gunthapada	GP
Turumu	Mandara	Maharajpur	Jagadalpur	Village
Community Land	Nearer to the UP School	Infront of UP School, Maharajpur	Jagadalpur U.P.School	Location
MFS	MFS	MFS	MFS	MCS/ MFS
State Plan (post Phailin)	State Plan (post Phailin)	State Plan (post Phailin)	CMRF	Under Scheme
Sri Panchu Gouda, S/o-Ghana Gouda, At/Po-Turumu Via-Kullada, Block-Bhanganagar, Dt-Ganjam-761131 C-9078908499	Susanta Kumar Polai, Secy, S/O- Late Dandapani Polai At -Mandara Po - Inginathi , Via - Tanarada , Dt-Ganjam, pin- 761140 Cell-8093775365 Smt. Rasmita Sabat, Sarapanch- 977728268	T.Trinath Patra S/o T.Raghunath Patra, Vill-Maharajpur, Po-Kamagada, Via-Nimina, Dt-Ganjam-761122 M-9938109611	Sri T.Bainath Patra, S/o U: Krushna Patra, At-Jagadalpur, Po- Gunthapada, Via/Ps-Aska, Dist-Ganjam, Pin-761115 7873679081 Smt. Mochani Behera, Sarapanch-9583125855	Address of CSMMC/FSMMC. & Contact No.





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12	=	10	9	SI.
Chhatrapur	Chhatrapur	Chhatrapur	Chhatrapur	Block
Kalipali	Kahaliapali	Kahaliapali	Bada Madhapur	GP
Bandar	Haripur	Uplapati	Goba	Village
Near J.T. (infront of High school)	Near Primary School	Govt. Primary School	Community place- in the beginning of the village	Location
MCS	MCS	MCS	MFS	MCS/ MFS
NCRMP	CMRF	CMRF	State Plan (post Phailin)	Under Scheme
N Chinayya S/O -Late N Kamaraju At- Bandara, Po- Gopalpur On Sea , Via- Chatrapur , Dt-Ganjam, Pin- 761002 Cell -9040064639 Sri Rama Ch. Beheral, Sarapanch, - 7978076244	Sri Santosh Ku.Behera, Secy. CSMMC S/o- Dayanidhi Beheral, At: Haripur, PO: Gopalpur(on sea), Via: Gopalpur Block: Chatrapur, Dist: Ganjam M: 9776290324, Secy Sri Rama Ch. Beheral, Sarapanch, - 7978076244	Sri Lokanath Sahoo, Secy. CSMMCS/o Khalli Sahoo, At- Uplapati,PO:UplapatiVia: GopalpurBlock:Chhatrapur, Dist: Ganjam9238816237 (Secy)Sri Rama Ch. Beheral, Sarapanch, - 7978076244	Sri Pabitra Sahu, Secy. S/o- At-Goba, Po-Pratappur, Via-Chhatrapur, Ganjam-761026 M-9938324670 Sri Sarat Khuntia, Sarapanch- 7540819587	Address of CSMMC/FSMMC. & Contact No.



16	15	14	13	SI.
Chikiti	Chhatrapur	Chhatrapur	Chhatrapur	Block
Ekasingi	Laxmipur	Kanamana	Kanamana	GP
Ekasingh (Sana Ekasingh)	Karapalli	Matikhola	Kanamana	Village
Right site of village enterance (near UP school)	R.K.High School, Karapalli	UP School	UP School Premises	Location
MCS	MCS	NCS	NCS	MCS/ MFS
NCRMP	NCRMP (AF)	CMRF	CMRF	Under Scheme
S.MOHAN RAO,AGE- 26 S/o- Sri S.BALRAJU VILL-SANA-EKSINGI, POST-MENDARAJPUR VIA-GOLANTHARA, BLOCK-CHIKITI PS-GOLANTHARA, DIST-GANJAM PIN-761001	Sri Maguni Bishoyi, Secy, S/o-Sri Raghunath Bishoyi, At-Karapalli, Po-Banabulapalli, Via-Matikhala, Dist-Ganjam-761045 M-7894588682 Sri N.Narsimulu Raddy, Sarapanch-9583086151	Sri Ramesh Ch.Sahoo, Secy. CSMMCS/o- Dibakar SahooAt: Matikhola,Po: MatikholaVia: Chhatrapur,Dist: GanjamM: 9861245407 (Secy)956811257292 Sri S.Chakrapani Reddy, Sarapanch-9437308781	Sri Duryodhan Behera, Secy. CSMMC S/o-Maguni Behera At-Kanamana, Po:Kanamana Block:Chatrapur, Dist:Ganjam M- 9937528606, Secy Sri S.Chakrapani Reddy, Sarapanch-9437308781	Address of CSMMC/FSMMC. & Contact No.



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Chikiti	Chikiti	Chikiti	Block
Kalabada	Kalabada	Jhatipadar	CP
Maisanpur	Kharkharia	Govindapur	Village
Near UP School	Infront of UP School	Near UP School (Shiv Temple)	Location
MFS	MFS	MCS	MCS/ MFS
State Plan (post Phailin)	State Plan (post Phailin)	CMRF (post Phailin)	Under Scheme
Sachidananda Panda , S/O - Raghunath Panda, At/Po -Maisanpur, Via - Patrapur , Dist -Ganjam , Pin-761004 Contact -9777779897,7749942414 Smt. Sanju Pradhan, Sarapanch-8895513654	Nabin Chandra BishoyiS/o-Late Indramohan Bisoyi At-Kharkharia ,Po - Banasola, Via -Jayantipur , PS - Jarada , Dt-Ganjam, Pin-761006Cell - 8658970408, 9438405735 Smt. Sanju Pradhan, Sarapanch-8895513654	K Damburu S/o- Village -Govindapur , Po-Surala, Ps - Golanthara Dt-Ganjam, Cell -7327913078 Sri R.Roja Reddy, Sarapanch- 9938709290	Address of CSMMC/FSMMC. & Contact No.



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23	22	21	20	No.
Chikiti	Chikiti	Chikiti	Chikiti	Block
Katturu	Katturu	Katturu	Katturu	GP
Dayanidhipeta	Aladpur	Ramayapatna	Chandan Bed	Village
Near U.P. School	Near U.P. School	Adjacent to UP School	UP School	Location
MCS	MCS	MCS	MCS	MCS/ MFS
CMRF (post Phailin)	CMRF (post Phailin)	NCRMP	WORLD BANK	Under Scheme
Sri Kameswar Sahu S/O - Raghunath Sahu At- Dayanidhipentha Po- Katuru ,Via -Girisola , Ps - Golanthara Dt-Ganjam, Pin-761009, Cell-8598068072 Sri Jagabandhu Behera, Sarapanch-9937816200	Ch Gopal Reddy S/o - Ch .Basudev Reddy At-Aladipur ,Po-Katuru Via - Girisola , Ps - Golanthara , Dt-Ganjam,Pin -761009 Cell - 9776356217 Sri Jagabandhu Behera, Sarapanch-9937816200	P.DILESH,AGE-27S/O-Late P DANEYAVILL- RAMEYAPATNA,POST- KATURUVIA-GIRISOLA,BLOCK- CHIKITIPS-GPLANTHARA DIST- GANJAMPIN- 7610099938703443\$ri Jagabandhu Behera, \$arapanch-9937816200	K.Bhenketeswer Reddy S/o-Late Venkeya Reddy, At-Chandanbad, Katur, Via-Girisola, Dist-Ganjam-761009 9668270474, Sri Jagabandhu Behera, Sarapanch-9937816200	Address of CSMMC/FSMMC. & Contact No.



27	26	25	24	SI. No.
Digapahandi	Chikiti	Chikiti	Chikiti	Block
Bhismagiri	Sonapur	Nuapada	Katturu	GP
Bhismagiri	Patisonapur	Chadiapada	Chandanabada (ODRP Area)	Village
Inside Ramjee Maha Vidyalaya	Near Siv Temple	Near UP School	ODRP site	Location
MFS	MCS	MFS	MCS	MCS/ MFS
CMRF (post Phailin)	NCRMP	State Plan (post Phailin)	CMRF (post Phailin)	Under Scheme
Prafulla Kumar Mohanty, S/o-Late Ananta Mohanty, At/Po- Bhismagiri , Ganjam Cell-9439262496 Sri Pitambar Gouda, Sarapanch-9090014752	K.TATA RAO,AGE- S/O-GANESWAR RAO VILL-PATISUNAPUR,POST-SUNAPUR VIA-GIRISOLA ,BLOCK-CHIKITI PS-GOLONTHARA,DIST-GANJAM PIN-761009 9797738952 / 9777738952 M.Manjula Behera, Sarapanch- 7873208202	Sri Simanchala Bhuya (44)S/o- Sri Kalia Kanhu BhuyanAt -Chadiapada, Po - Nuapada, Via - Digapahandi, Dt-Ganjam, Pin -761011, Cell - 9583517931Smt. S. Mamata, Sarapanch- 9556737776	Smt. U Sabitri W/O - U Appeya Reddy At- Chandanbada (ODRP) , Po- Katuru, Via -Girisola Dt-Ganjam, Cell - 8339976998 Sri Jagabandhu Behera, Sarapanch-9937816200	Address of CSMMC/FSMMC. & Contact No.







No.

Block

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Village

Location

MCS/

Under Scheme

& Contact No.

Address

35	34	33	32	SI.
Ganjam	Ganjam	Ganjam	Ganjam	Block
Karapada	Karapada	Kainchapur	Kainchapur	GP
Aliabad (Biripur)	Karapada	Malli Jagannathpur	Kalyanipur	Village
Nutana UP School	Karapada High School Campus	Backside of UP School, Malli Jagannathpur.	Infront of Anganwadi Center	Location
MFS	MFS	MCS	MCS	MCS/ MFS
State Plan (post Phailin)	CMRF	CMRF (post Phailin)	CMRF (post Phailin)	Under Scheme
Sri Balaram Das, Secy, S/o-Sri Jhadia Das, At-Biripur, Po-Karapada, Via-Ganjam, Dist-Ganjam, Pin-761027 M-9938975453 Smt. Susama Nayak, Sarapanch- 7873537078	Sri Prasant Kumar Nayak, S/o-v Raghunath Nayak, At/Po-Karapada, Via-Ganjam, Dist-Ganjam-761026 9583517158 Smt. Susama Nayak, Sarapanch-7873537078	B Banamali S/O- B Ariga At - Mali Jagarnnathpur Po - Kalyanapur ,Dt- Ganjam, Pin -761026 Cell -8763684566Sri G. Santosh Reddy, Sarapanch- 9861524044	Sri T.Gopal Pradhan, S/o- Sri T. Budhia Pradhan, At/Po-Kalyanpur, Via-Ganjam, Dt-Ganjam, Pi-761026 M-9776846262 Sri G. Santosh Reddy, Sarapanch-9861524044	Address of CSMMC/FSMMC. & Contact No.



39	38	37	36	SI.
Ganjam	Ganjam	Ganjam	Ganjam	Block
Palibandha	Palanga	Mallada	Mallada	GP
Binchanapalli	Palanga	Barada	Lunguri	Village
Infront of Primary School	Palanga High School	Near Gram Vikas Water tank.	UP School	Location
MCS	MCS	MCS	MCS	MCS/ MFS
CMRF	NCRMP (AF)	CMRF (post Phailin)	NCRMP	Under Scheme
Sri B.Narsingh Rao, Secy, S/o-B.Bairagi Rao, At-Binchanapalli, Po-Pallibandha, Ganjam-761026 M-9777914225 Sri Dilip Chotray, Sarapanch- 9938371018	Sri P. Danardana Dora, Secy. S/o-P.Govinda Dora, At/Po-Palanga, Via-Rambha, Ganjam, Pin-761028 M-9938119235 Smt. Janaki Pradhan, Sarapanch-9777978408	Sri Angada Parida, Secy,S/o- Late Kandha Parida,At- Baroda, Po-Munipentha,Via- Chatrapur,Dt-Ganjam,M- 9938523593Sri Prabhat Kumar Sethi, Sarapanch- 9937057701	JAYAPRAKASH JENA,AGE-68 S/O-SANYASI JENA VILL-LUNGHURI,POST/VIA- HUMMA PS-RAMBHA,DIST-GANJAM PIN-761027 9777004434/9937596788 Sri Prabhat Kumar Sethi, Sarapanch-9937057701	Address of CSMMC/FSMMC. & Contact No.



42	41	40	No.
Ganjam	Ganjam	Ganjam	Block
Palibandha	Palibandha	Palibandha	GP
Niladripur	Kantiagada	Purunabandha	Village
Near High School	UP School	UP School	Location
NC	MCS	WCS	MCS/ MFS
NCRMP	CMRF	CMRF	Under Scheme
TRILOCHANA PRADHAN, AGE-26 KUMARAJU PRADHAN VILL-NILADRIPUR, POST/VIA-HUMMA, BLOCK-GANJAM, PS-RAMBHA DIST-GANJAM, PIN-761027 9777476759 Sri Dilip Chotray, Sarapanch-9938371018	Sri Narasingha Swain, Secy: CSMMCS/o- BiswanathAt: Kantiagada, Po: Hu maPS-RambhaVia: Humma, Block/Dist: GanjamMo: 9937959661 (Contact) 9938721292 Sri Dilip Chotray, Sarapanch- 9938371018	Sri Surendranath Behera, Secy. CSMMC S/o-Loknath Behera At: Purunabandha, Po:Pallibandha, PS-Ganjam Via/Block: Ganjam, Dist: Ganjam 9861371564 Sri Dilip Chotray, Sarapanch- 9938371018	Address of CSMMC/FSMMC. & Contact No.



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46	45	4 4	43	No.
Ganjam	Ganjam	Ganjam	Ganjam	Block
Ramagarh	Ramagarh	Jharedi Radhagovindpur	Rajapur	СP
Prayagi	Arunapur	Sipakuda	Rajapur	Village
Primary School	Near Primary School	Near Primary School	Rajapur High School	Location
MCS	MCS	MCS	NCS	MCS/ MFS
CMRF	CMRF	CMRF	NCRMP	Under Scheme
Sri Satya Narayan Gouda, Secy. CSMMC S/o-Sankarshan Gouda AT:Prayagi, PO:Palluru PS- Rambha, VIA:Huma, DIST.:Ganjam 7894578264 (Secy) Smt. Banita Dalei, Sarapanch-9937050304	Sri Bhimsen Palei, Secy. CSMMC S/o-Sri Sashibhusan Palei, AT: Arunapur, PO: Palluru Via: Humma BLOCK: Ganjam, DIST.: Ganjam-761027 M-7751019790 Smt. Banita Dalei, Sarapanch-9937050304	Sri Dharanidhar Nayak,Secy. CSMMCAT:Sipakuda,PO:pa IluruVia: Humma Block:Ganjam,DIST.:Ganja m9938240298Smt. Manorama Behera, Sarapanch-9556424012	BIDESHI BRAHMA,AGE-32 S/O-DAMODAR BRAHMA VILL/POST-RAJAPUR,VIA/BLOCK- GANJAM PS-CHATRAPUR,DIST-GANJAM PIN-761026, 9861645392/ 7873063740 Sri Santosh Kumar Sethi, Sarapanch- 9583520875	Address of CSMMC/FSMMC.



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50	49	48	47	No.
Ganjam	Ganjam	Ganjam	Ganjam	Block
Ramagarh	Jharedi Radhagovindpur	Ramagarh	Ramagarh	GP
Raghunathpur	Binchanapalli	New Podampeta	Podagada Jhatipadar	Village
Near UP School	Infront of Primary School, Binchanapalli	Inside New ODRP Housing project	Village Field	Location
MCS	MCS	MCS	MCS	MCS/ MFS
CMRF (post Phailin)	NCRMP (AF)	NCRMP( AF)	NCRMP	Under Scheme
Sri Sudhir Kumar Panda, Secy. S/o-Sri Budhiram Panda, At-Raghunathpur. Po-Palur Garh, Ganjam-761027 M-9178033622 Smt. Banita Dalei, Sarapanch- 9937050304	Judhistra Behera, S/O - Kelu Behera, At - Binchanapalli , Po - Paluru , Via - Humma, ps - Rambha, Dt-Ganjam, pin -761027, Cell - 9777858683 Smt. Manorama Behera, Sarapanch-9556424012	Lenka Gajendra S/O-Lenka Karadu At - New Podem Peta, Po- Palurgada, Via - Humma, Ps- Rambha, Dt-Ganjam, Pin- 761027Cell- 9777589110, 9777589108Smt. Banita Dalei, Sarapanch-9937050304	Sri Bisikesan Mali, S/o-Khalia Mali, Vill/Po-Podagada, Via-Huma,, Block-Ganjam, PS-Rambha Dt-Ganjam-761022 M-7436902330 Smt. Banita Dalei, Sarapanch-9937050304	Address of CSMMC/FSMMC. & Contact No.





58	57	56	55	No.
Hinjilicut	Ganjam	Ganjam	Ganjam	Block
Burupada	Subalaya	Subalaya	Santoshpur	GP
Burupada	Belapada	Satrusola	Santoshpur	Village
Bhagabati Vidyapeeth, Burupada	Beside of U.P. School	Adjoining to UP School, Satrusola	Beside main road starting of the village	Location
MFS	MCS	MCS	MCS	MCS/ MFS
State Plan	CMRF (post Phailin)	NCRMP( AF)	CMRF (post Phailin)	Under Scheme
Sri Pradeep Kumar Bishoyi S/o-Brundabana Bishoyi At/Po- Burupada Block-Hinjilcut, Dt- Ganjam-761146 C-9438114230	Sri DRajib Pradhan S/O - D Ramachandra Pradhan At - Belapada , Po/Via- Humma, Ps - Rambha , Dt-Ganjam Cell - 9040046665, 9439313039 Smt. Kabita Swain, Sarapanch- 9777464565	Upendra Pallai S/O -satya Pallai At - Satrusola , Po - Humma Dt-Ganjam, Pin - 761027 Cell - 9937637502Smt. Kabita Swain, Sarapanch- 9777464565	Sri Krushna Behera, S/o-Late Narahari Behera, At/PO- Santoshpur, Via-Humma, PS-Rambha, Dt-Ganjam-761027 C-9583167851 / 9114761352 Sri D. Niranjan Reddy, Sarapanch-9556020630	Address of CSMMC/FSMMC. & Contact No.



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62	61	60	59	No.
Hinjilicut	Hinjilicut	Hinjilicut	Hinjilicut	Block
Ralaba	Makarajhol	Kharida	Chanduli	dБ
Alapur	Balarampur	Kharida	Khandara	Village
Alapur High School premises	Near UP School	Inbetween School & GP office of Kharida	Near UP School & adjancet to Anganwadi center	Location
MFS	MFS	MFS	MFS	MCS/ MFS
State Plan (post Phailin)	State Plan (post Phailin)	CMRF (post Phailin)	State Plan (post Phailin)	Under Scheme
Ashok Kumar Palai (35) S/O - Antarjyami Palai, At-Allapur, Po -Ralaba, Via - Hinjili Cut, Dt-Ganjam, pin-761102 Cell-9437203974 Sri Jagili Das, Sarapanch- 9439102546	Dibakar Gauda, Secy, S/O- Late Kantaru Gauda, At- Balarampur ,Po -Palli Padmanavapur, Via - Kanchuru, Dt-Ganjam, Pin- 761101Cell - 9937804057 <b>G. Erama</b> , Sarapanch-9938516738	Laxmi Narayan Samantray, S/O - Dayanidhi Samantray, AT/Po- Kharida Via/Ps - Hinjilicut, Dt-Ganjam, Pin -761102 Cell - 9778743280 Sri Raghunath Behera, Sarapanch-7326919631	Prabhakar Sahu (63)  S/O- Late Bhima Sahu At - Khandara, po- Chanduli Via/Block/PS - Hinjili Cut Dist -Ganjam , Pin-761102 Cell - Sri Lakhan Gouda, Sarapanch-7438870200	Address of CSMMC/FSMMC.



66	65	64	63	SI.
Khallikote	Kabisuryanagar	Kabisuryanagar	Hinjilicut	Block
B.Nuapalli	Sunarijhola	Subalaya	Ralaba	GP
Nuapalli	Bhetasingi	Mathatentulia	Ralaba	Village
Near RB High School, At-B.Nuapalli	Near RWSS water supply tank	Community land	Adjacent to Ayurvedic Hospital	Location
MCS	MFS	MFS	MFS	MCS/
NCRMP (AF)	CMRF	State Plan (post Phailin)	CMRF	Under Scheme
Hrusikesh Pradhan, S/O -Late Madan Pradhan, At/Po - Badhinuapalli , Via -Khallikote, Dt-Ganjam, pin -761030 Cell - 9937866266 Sri Basudev Rout, Sarapanch- 7873450905	Sri Gagan Gouda, S/o- Sri Krupasindhu Gouda, At- Vetasingh, Po- Bramhanasahi, Via-Pitala, Dist- Ganjam, 9861772593 Smt. Geetanjali Swain, Sarapanch-9437263218	The Sarpanch of the GP will organize the Mock Drill	Sri Kali Charan Dalai, S/o-U Dinabandhu Dalai, At/Po-Ralaba, Via-Hinjilikatu, Dist-Ganjam, Pin-761102 9776291223 Sri Jagili Das, Sarapanch-9439102546	Address of CSMMC/FSMMC. & Contact No.



70	69	68	67	SI.
Khallikote	Khallikote	Khallikote	Khallikote	Block
Bania	Bania	Badapalli	B.Nuapalli	GP
Badapalli	Bania	Kurumipur	Manapalli	Village
Near UP School, Badapali	Near UPSchool , Bania	Community land, Kurumipur village	Near Primary School, Manapali	Location
MCS	MCS	MCS	NCS	MCS/ MFS
NCRMP (AF)	NCRMP( AF)	NCRMP (AF)	NCRMP (AF)	Under Scheme
Sri Rabinda Kumar Pradhan, S/o-Sri Dikhisham Pradhan, At-Badapalli, Po-G.Gandapali, Via-Rambha, Ganjam-761028 M-9937221246 Sri Golakh Ch. Gouda, Sarapanch- 9938365021	Susanta Gouda S/O - Ladu Gouda, At/Po - Bania ,Via- Khallikote,Dt-Ganjam, Pin- 761030Cell-9937488359 <b>Sri</b> Golakh Ch. Gouda, Sarapanch-9938365021	Sri Subash Jani, Secy, S/o- At-Ghodapada, Po-Badapalli, Via-Khallikote, Ganjam-761029 M-8455964915 Smt. Hema Nayak, Sarapanch- 8455964915	J Kedarnath Patra, S/O-J Ramamurti Patra At - Manapalli , Po- Badhinuapalli , Ps- Khallikote , Dt-Ganjam, Pin-761029 Cell-9583901611 Sri Basudev Rout, Sarapanch- 7873450905	Address of CSMMC/FSMMC. & Contact No.



75	74	73	72	71	SI.
Khallikote	Khallikote	Khallikote	Khallikote	Khallikote	Block
Kanaka	Kanaka	Kanaka	Dimiria	Dimiria	GP
R.Bahadapalli	Kanaka	Samalanasi	Pananuagan	Babala	Village
Near UP School, Bahadapalli	Near Panchyat Office	U.P.School, Samalanasi	Entrance of the village, Korakal Hill at Pananuagan	Babala Primary School	Location
MCS	MCS	MCS	MCS	MCS	MCS/ MFS
NCRMP (AF)	NCRMP (AF)	ICZMP	NCRMP (AF)	NCRMP (AF)	Under Scheme
Sri Prabhat Pradhan, Secy, S/o-Sri Rama Ch. Pradhan, At-R. Bahadapalli, Po-Sabulia, Via-Rambha, Ganjam-761028 M-9938845699 Sri Sudam Nayak, Sarapanch-9937463972	Sri Harikrushna Rout, S/o-Sri Babaji Rout, At/Po-Kanaka, Via-Rambha, Ganjam-761028 M-8457927925 Sri Sudam Nayak, Sarapanch- 9937463972	Sri Bishnu Tahal, S/o- Late Gobinda TahalAt-Samalnasi, Po-Kanaka, Via- Rambha, Dist- Ganjam 88956106337 205231425 Sri Sudam Nayak, Sarapanch- 9937463972	Sri J. Surendra Patra, S/o-J. Bhima Patra, At-Pananuagaon, Po-Paladhuapalli Via-Rambha, Ganjam-761028 M-8018109860 Sri Manoj Kumar Gouda, Sarapanch-9938824012	Sri Surya Pradhan, Secy, S/o-Sri Sanyasi Pradhan, At-N.Barapalli, Po-Dimiria, Ganjam-761028 M-8658489078 Sri Manoj Kumar Gouda, Sarapanch- 9938824012	Address of CSMMC/FSMMC.



79	78	77	76	No.
Khallikote	Khallikote	Khallikote	Khallikote	Block
Mathura	Mathura	Komonda	Kesapur	GP
Gadakasta-A	Nutan Berhampur	Mukundapur	Kesapur	Village
Adjacent to RWSS office and near to Primary School	Infront of High School, Nutan Berhampur	Infront of PUP School, Makundapur	Adjoining UP School, Keshapur	Location
MCS	MCS	MCS	MCS	MCS/ MFS
NCRMP (AF)	NCRMP( AF)	NCRMP (AF)	NCRMP (AF)	Under Scheme
Ramakrushna Mishra, S/o-Kesab Chandra Mishra At - Gadakasta -A, Po- Mathura Dt-Ganjam, Pin-761030, Cell9437618852 Smt. Rasmita Kumari Jena, Sarapanch-8260457933	Sri Akhila Kumar Jena, S/o- Late Natabara Jena, At/Po-Nutana Berhampur, Via/PS- Khalikoite Dt-Ganjam- 761030C- 9937387639 Smt. Rasmita Kumari Jena, Sarapanch-8260457933	Sri B.Hrushikesh Patra, S/o-Sri B. Lakhman Patra, At-Mukundapur, Po-Komanda, Ganjam-761019 M-8658867340 Sri Balaram Sahu, Sarapanch,-9777824431	Sri Pradeep Kumar Malick, S/o-Sri Kunja Malick, At-Kespur, PO- Khallikote, Ganjam-761029 M-9090561347 Smt. Anjali Sahoo, Sarapanch-9692295558	Address of CSMMC/FSMMC. & Contact No.



82	81	80	SI.
Polasara	Khallikote	Khallikote	Block
Khanduru	Tulasipur	Sabulia	GP
Krushnadaspur	Tulasipur	Sabulia	Village
Infront of Angani Wadi Center	Adjacent to Panchayat Office, and infront of Tulasipur High School,	Near UP School	Location
MFS	MCS	MCS	MCS/ MFS
State Plan (post Phailin)	NCRMP (AF)	NCRMP	Under Scheme
Sri Krushna Chanda Mohapatra, S/o-Late Sanyasi Mohapatra, At-Chadipada K.D.Pur, Po-Kalamba, Via-Polasara, Dt-Ganjam-761105 M-9861629958/8917319230	Sri Bhikari Pandi, Secy, S/o-Late Gobinda Pandi, At-TulasipurPo- Kendupata, Via- Khallikote, Ganjam-761030M- 7008404248 Smt. Chabita Pandi, Sarapanch-9438116888	BISWAJIT TARAI, AGE- LATE AKHILA CHANDRA TARAI VILL/POST-SABULIA VIA-RAMBHA,BLOCK-KHALIKOTE PS-RAMBHA,DIST-GANJAM,PIN-761028 9937470740/ 7205740914 Sri Sidharth Sankar Palai, Sarapanch- 9439906297	Address of CSMMC/FSMMC. & Contact No.



86	85	8 4	83	SI.
Purusottampur	Purusottampur	Purusottampur	Purusottampur	Block
Raipur	Pratappur	K.N.Pur	Antarigaon	GP
Govindapur	Pratappur	Balia	Antarigam	Village
Near to UP School (Tara Tarini Temple)	Inside High School	Community land	Community land, infront of Primary School	Location
MFS	MFS	MFS	MFS	MCS/ MFS
State Plan	State Plan	State Plan (post Phailin)	State Plan (post Phailin)	Under Scheme
PRASAN KUMAR DASH S/O-MRUTYUNJAYA DASH At -govindapur Po - Taratarini hills Via - Purusottampur , Dt-Ganjam, Pin - 761018C-9861751891Sri Bhabani Sankar Panda, Sarapanch-9438071554	GOURI SANKAR RAULA S/O -KALU RAULA At /Po - Pratapur, DtGanjam, Pin-761019 C-9937553636 Smt. Babita Raul, Sarapanch- 9937553636	N.Hiranya Reddy, Secy, S/o- N.Bhima Reddy, At-Balia, Po-Khajipalli, Via-Pratappur, Block-Purusottampur, Ganjam-761019 C- 7788019480/63701556 06	Kumara Dalai S/O - Bipra Dalai At/Po - Antariganm, Via-Purusottampur, Dt-Ganjam, Cell- 9937840052 Sri Susanta Sethi, Sarapanch- 9938225301	Address of CSMMC/FSMMC. & Contact No.











99	98	97	96	SI.
Seragada	Rangeilunda	Rangeilunda	Rangeilunda	Block
Brahmanachai	Sasanapadar	Keluapalli	Karapalli	GP
Brahmanachai	Dhepanuapada	Loudigam (Garampeta)	Antarabati	Village
High School	Near U.P. School, beside Thakhurani Mandir	Near UP School	Near U.P. School	Location
MFS	MCS	MCS	MCS	MCS/ MFS
State Plan (post Phailin)	CMRF (post Phailin)	CMRF (post Phailin)	CMRF (post Phailin)	Under Scheme
Nayan Kumar Malik (41) S/O - Dhoba Malik At/Po- Bramhanachai , Via-Pitala , Ps-Hinjili Cut , Dt-Ganjam, Pin- 761103 Cell - 9861304897, 7381921655	S Govinda Reddy S/O -S Naleyya Reddy At- Dhepenuapada Po -Mendarajpur , Via -Golanthara , Ps –Golanthara, Dt-Ganjam, Cell - 8260288673 Smt. G.Kameswari Reddy, Sarapanch-99556744629	J Appa Rao S/o -Late J Remeya AT -Garempeta (Laudigam), Po- Loudigam, Via - Golanthara ,Dt-Ganjam, pin-760003, Cell - 9937395715, 8594961131 Smt. K. Minakhi Kumari, Sarapanch-9668723847	Ramahari Das S/o-Tranath Das, At -Antarabatia, Po - Berhampur University (Rangeilunda), Dt-Ganjam,- 760007, Cell-9338084684 ,9438270521 Smt. Menaka Reddy, Sarapanch-7064149041	Address of CSMMC/FSMMC. & Contact No.



103	102	101	100	SI.
Surada	Seragada	Seragada	Seragada	Block
Amarutulu	Tanhara	Tanhara	Pitala	GP
Amarutulu	Kanjiama	Tanhara	Santoshpur	Village
U.P.School	Side of GP Office	High School	Side of GP Office	Location
MFS	MFS	MFS	MFS	MCS/ MFS
State Plan (post Phailin)	State Plan (post Phailin)	State Plan (post Phailin)	CMRF	Under Scheme
Ranjan Swain, Secy,S/o- Panchu Swain,At/Po- Amarutulu,Via-Suruda, GanjamCell-9938964115	Raghunath Nayak (32) S/O - Late Bauri Nahak At-Kanjiama, po-Tanhara Via- pitala Ps-Hinjili Cut, Dt-Ganjam, Pin-761103, Cell -8456078250, 7735967229 Sri Jitendra Jena, Sarapanch, - 7326086680	Arjuna Polai (46)  S/O- sanyashi Polai, At/Po- Tanhara ,Via - Pitala, Block - Sheragada, Dt-Ganjam, Pin-761103, PS -Hinjili, Contact -8018503030  Sri Jitendra Jena, Sarapanch, -7326086680	Sri Gobardhan Mallika, S/o-¿Ladu Mallika, At-Santoshpur, Po-Pital, Via-Hinjilkatu, Dist-Ganjam-761103 9090506451, Secy Sri Bhola Nayak, Sarapanch- 7377180069	Address of CSMMC/FSMMC. & Contact No.





## 3.18. Relief Lines: Blocks to GPs& Villages:

			Type of	Vulnerability of the route		
SI.	Name of t	he Road	Road & Length (In Kms.)	(Description of the Vulnerability)		erage (In Nos.)
No	From	То	RD/PW/PS Roads	Scouring, damage of surface, submergence of road, falling of trees and debris.	Village	Populati on
1	Aska	Alipur	8	Do	6	4203
2		Babanapur	5	Do	2	4773
3		Badakhoili	12	Do	5	6606
4		Balichai	9	Do	3	3951
5		Balisira	10	Do	5	7505
6		Bangarada	15	Do	2	4305
7		Baragan	4	Do	2	6693
8		Benapata	12	Do	2	2931
9		Bhetanai	10	Do	2	5041
10		Chadiapali	4	Do	4	3760
11		Debabhumi	4	Do	3	6815
12		Gahangu	16	Do	3	4203
13		Gangapur	10	Do	6	4665
14		Gunthapada	10	Do	4	5644
15		Haridapadara	10	Do	5	9308
16		Jayapur	12	Do	5	7446
17		Kalasandhapur	5	Do	3	9114
18		Kamagada	12	Do	4	3187
19		Kendupadara	15	Do	3	2899
20		Khandadeuli	10	Do	8	5505
21		Kharia	12	Do	6	8487
22		Mangalapur	7	Do	4	4849
23		Munigadi	17	Do	4	4935
24		Nalabanta	8	Do	4	5632
25		Nimina	10	Do	2	4885
26		Pandiapathara	15	Do	4	1505
27		Sidhanai	15	Do	2	3210
28	Bellaguntha	Ambapua	5-10	Do	6	7729
29		Badaborasingi		Do	6	10188
30		Badapada		Do	4	5908
31		Banka	10-15	Do	7	6273



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32		Benipalli	15-20	Do	5	2990
33		Dhumuchai		Do	5	5456
34		Gangapur		Do	4	7927
35		Gobara	10-15	Do	5	6710
36		Inginathi		Do	4	7413
37		Khairaputi	15-20	Do	4	6777
38		Khetribarapur	5-10	Do	9	9574
39		Mangalpur		Do	4	5303
40		Nettanga		Do	5	4159
41		Nuagon	10-15	Do	4	3345
42		Pailipada	5-10	Do	5	7089
43		Sasan		Do	3	5000
44		Tanarada	15-20	Do	7	7472
45		Udhura		Do	5	7211
46	Bhanjanagar	Badakodanda		Do	3	6924
47		Baibali		Do	5	2599
48		Baruda	10-15	Do	11	8181
49		Baunsalundi	10-15	Do	3	7728
50		Brahmanpadar	5-10	Do	7	5876
51		Dadaralunda		Do	11	6674
52		Dihapadhala	15-20	Do	6	7276
53		Domuhani		Do	6	3093
54		Dumakumpa		Do	11	9344
55		Gallery		Do	3	6162
56		Golapada	10-15	Do	9	5112
57		Gunduribadi	15-20	Do	4	2709
58		Harigada	5-10	Do	3	5642
59		Jillundi	15-20	Do	8	8694
60		Kulada		Do	4	6752
61		Lalasingi		Do	2	8591
62		Lembei		Do	6	4651
63		Mudulipalli		Do	2	3085
64		Mujagada	15-20	Do	8	7419
65		Sanakodanda	10-15	Do	10	8976
66		Tilisingi	10-15	Do	7	4396
67		Turumu		Do	7	1647
68	Buguda	A Karadabadi	18	Do	3	4288
69	<del>_</del>	Antarapada	8	Do	5	4875
70		Arakhapur	15	Do	2	4758
		·			112 LD	



71		B Karadabadi	5	Do	3	3374
71			12	Do	2	5879
73		Balipadar Bhagabanpur	10	Do	3	3567
74		Bhamasiali	5	Do	4	4738
75		Biranchipur	4	Do	5	8989
76		Gaudiabarada	10	Do	4	4758
77		Golabandha	5	Do	4	6652
78		Golia	6	Do	4	8364
79		Kalamba	14	Do	4	6645
80		Karachuli	10	Do	11	5697
81		Karasingi	20	Do	6	3440
82		Kholakhali	4	Do	5	7055
83		Manitara	12	Do	7	8040
84		Motabadi	15	Do	4	4241
85		Pangidi	5	Do	6	5927
86		Pochalundi	20	Do	3	4305
87		Sankuru	12	Do	4	5295
88		Takarada	10	Do	3	3385
89	Dharakote		12	Do	15	8154
90	Dharakole	Baharapur Balarampur	14	Do	16	5253
90		Baradabilli	5	Do	13	8645
92		Dharakote	HQRS	Do	9	7983
93		Dhaugam	5	Do	8	8294
94		Goladamadara	8	Do	4	5207
95		pali Jagamohan	5	Do	9	5132
96		Jahada	6	Do	5	5988
97		Jhadabandha	15	Do	14	7036
98		Jharapari	20	Do	15	4289
99		Machakote	15	Do	6	3362
100		Manikapur	17	Do	9	6933
101		Mundamarai	4	Do	5	6668
102		Olamba	18	Do	5	3539
103		Rugumu	10	Do	8	6502
104		Saba	12	Do	17	4462
105		Saradhapur	5	Do	7	6326
106		Singipur	7	Do	6	4412
107	J.N. Prasad	Adheigan	15	Do	4	3504
108	2	Alasuguma	5	Do	4	5719
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109		Alladi	15	Do	5	6149
110		B.D.Pur	10	Do	7	5554
111		Baragam	12	Do	2	3130
112		Budurungu	7	Do	4	3134
113		Chadheiapalli	7	Do	4	3782
114		Chhamunda	12	Do	6	7452
115		Gandadhar	4	Do	4	3648
116		Gayaganda	40	Do	5	7058
117		Gereda	18	Do	8	5159
118		Jaganathprasad	HQRS	Do	11	8362
119		Jhadabhumi	8	Do	5	7495
120		Jirabadi	2	Do	3	3315
121		Kadua	5	Do	6	6031
122		Khamarapalli	15	Do	3	6655
123		Khetamundalli	20	Do	7	4264
124		Kokolaba	25	Do	5	4609
125		Kudutai	30	Do	9	5072
126		Kumpapada	15	Do	3	3903
127		Panchabhuti	10	Do	3	5019
128		Pratapur	15	Do	10	7217
129		Rauti	7	Do	9	6382
130		Rudhapadar	45	Do	11	3922
131		Tarasingi	30	Do	5	5646
132	Surada	Amurutulu	5-10	Do	3	5058
133		Asurabandha		Do	12	6493
134		Badabadangi		Do	12	4386
135		Badagada	10-15	Do	4	8103
136		Badagochha	15-20	Do	9	3135
137		Bhagabanpur	10-15	Do	12	4066
138		Borada		Do	7	4660
139		Borasingi		Do	6	3961
140		Ekalapur	5-10	Do	8	6977
141		G.P.Sasan		Do	10	9966
142		Gajalabadi	15-20	Do	21	3884
143		Gangapur		Do	9	6726
144		Genja		Do	3	2604
145		Gochha	10-15	Do	16	5303
		Goudagotha		Do	32	8105
146		Goudagotha		DO	52	0105



148		Hukuma	5-10	Do	8	6390
149		Kullangi		Do	4	6813
150		Lathipada		Do	7	5984
151		Merrikota		Do	23	3649
152		Nuagada	10-15	Do	4	5598
153		Palakata		Do	3	3443
154		Raibandha		Do	8	5657
155		Sarabadi	5-10	Do	8	7896
156		Sidhapur	10-15	Do	12	7139
157		Suramani	15-20	Do	2	4113
158	Sheragada	Alarigada		Do	3	4940
159		Bandhaguda	10-15	Do	5	4945
160		Baramundali		Do	2	5100
161		Brahmanachhai		Do	4	4675
162		Dengapadara		Do	3	5267
163		Dhabalapur		Do	3	3892
164		Dhanantara		Do	7	6448
165		Gobindapur		Do	4	6763
166		Gothagam	5-10	Do	2	5638
167		Karadakana	10-15	Do	7	4752
168		Khirida		Do	4	3293
169		Krushnachhai		Do	5	4862
170		Kulagada		Do	3	5043
171		Kumarapani		Do	3	4107
172		Kurula	15-20	Do	4	4230
173		Mahupadara	10-15	Do	10	8961
174		Narendrapur		Do	7	8261
175		Pitala	5-10	Do	3	7902
176		Sheragada		Do	9	11767
177		Takarada	10-15	Do	4	7218
178		Tanhara		Do	2	4039
179		Thuruburai		Do	4	5704
180	Digapahandi	Ankoroda		Do	4	4755
181		Bada Dumula		Do	13	6697
182		Bada Khemundi Turubudi		Do	13	8397
183		Basudev Pur	15-20	Do	7	3779
184		Bhismagiri	10-15	Do	1	6914



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185		Bhramar Pur	5-10	Do	8	6078
186		BLN Pur		Do	8	3465
187		Bomkei		Do	15	7806
188		Chasa Nimakhandi	10-15	Do	10	4878
189		Choudhary Tikara Pada	15-20	Do	3	3561
190		Gada Govinda Pur		Do	5	4655
191		Gokarna Pur		Do	6	7679
192		Goudagam		Do	4	5058
193		Jakar	5-10	Do	4	3716
194		Kaithada	15-20	Do	11	6820
195		Kaithkhandi	10-15	Do	13	9185
196		Karapada		Do	9	6071
197		Khamari Gam		Do	22	7494
198		Kotinada	10-15	Do	6	4490
199		Kusapada		Do	4	4229
200		Nima Khandi Pentho	15-20	Do	7	5784
201		Padma Nav Pur		Do	8	7914
202		Phasiguda		Do	6	8118
203		Sahadeb Tikarapada	5-10	Do	13	4577
204		Sidheswar	10-15	Do	4	6258
205	Kukudakhandi	Anantei		Do	4	8532
206		Ankushpur		Do	5	8595
207		Baghalati	15-20	Do	4	5705
208		Ballipada		Do	4	6659
209		Banthapalli	10-15	Do	6	5326
210		Borigam		Do	4	6949
211		Boulajholi	5-10	Do	7	4912
212		Dakhinapur		Do	3	5618
213		Dengapadar	15-20	Do	3	5393
214		Gurunthi		Do	2	6863
215		Hugulapata		Do	5	7577
216		Jagdalpur	10-15	Do	1	6163
217		Kankia		Do	14	2796
218		Kukudakahandi		Do	3	9981
219		Lanjia	15-20	Do	4	5448



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220		Lathi	5-10	Do	2	9408
221		Lochapada		Do	1	16377
222		Mohuda	10-15	Do	6	4945
223		Mosiakhalli		Do	3	4124
224		Nimakhandi		Do	1	2864
225		Rohigam		Do	3	6303
226		Sihala	10-15	Do	4	7348
227	Chikiti	Chandapur	10	Do	15	5168
228		Ekasingi		Do	1	2104
229		Girisola	20	Do	8	7320
230		Govindanagar	25	Do	7	4582
231		Jhatipadar		Do	5	7111
232		K.Nuagam	7	Do	16	7101
233		Kalabada	10	Do	11	9771
234		Katuru		Do	4	4435
235		Kotlingi	5	Do	4	4034
236		Lalmenta.L.N.P ur	15	Do	13	5836
237		Nuapada	28	Do	2	3639
238		Pitatali	6	Do	7	5222
239		R.Subani	25	Do	1	7993
240		Ramachandrap ur	4	Do	22	10112
241		Rampa	10	Do	5	4370
242		Sonpur	28	Do	2	8463
243		Sorala	25	Do	2	9219
244	Patrapur	Ambapur	14	Do	13	2945
245		Ankuli	30	Do	39	4110
246		Badapur	6	Do	12	7296
247		Baranga	12	Do	6	3788
248		Brahman Nuagam	8	Do	6	5503
249		Buratal	25	Do	24	3184
250		Gudipadar	10	Do	2	2616
251		Gundra	10	Do	10	5708
252		Jaradagada	12	Do	5	4503
253		Jayantipur	6	Do	3	5262
254		Kesaripada	12	Do	4	4198
255		Khamarigam	5	Do	5	4683
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257		Khariaguda	22	Do	21	9569
258		Mandarada	28	Do	10	4439
259		Padadigi	10	Do	7	6664
260		Patrapur	HQRS	Do	10	9401
261		Samantiapali	2	Do	8	7133
262		Samantrapur	14	Do	19	6557
263		Surangigada	10	Do	9	7397
264		Tandipur	8	Do	10	5863
265		Tumba Gada	22	Do	36	6084
266		Turubudi	32	Do	25	8538
267	Rangeilunda	Badakustalli	20-25	Do	4	5364
268		Bhabinipur	15-20	Do	1	10411
269		Biswanathapur	15-20	Do	3	5907
270		Boxipalli	25	Do	2	6808
271		Chandapur	5-10	Do	3	3812
272		Chikarada	10-15	Do	1	2987
273		Dura	15-20	Do	3	8489
274		Golabandha	25	Do	1	6232
275		Golonthora	15	Do	1	5118
276		Gounju	15-20	Do	4	4199
277		Haladiapadar	3	Do	1	3857
278		Hatipada	20	Do	1	4878
279		Indrakhi	18	Do	3	3237
280		Kamalapur	20	Do	2	3925
281		Karapalli	15	Do	2	5973
282		Keluapalli	15-20	Do	3	4267
283		Kolathigan	12	Do	3	5475
284		Konisi	HQRS	Do	1	5495
285		Kotharsingi	20	Do	4	5736
286		Loudigam	15	Do	2	3226
287		Luhajhara	20	Do	2	5294
288		Mandrajpur	20	Do	3	2302
289		Mantridi	25	Do	4	4341
290		Markandi	20	Do	1	3210
291		Narayanapur	20	Do	3	3686
292		Padmapur	15	Do	5	4383
293		Phulta	15	Do	3	7384
294		Randha	12	Do	2	6341
295		Rangeilunda	18	Do	3	5987
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296		Rangipur	14	Do	4	5729
297		Sasanapadar	20	Do	2	4481
298		Satakutuni	20	Do	2	3372
299	Sanakhemundi	Adapada		Do	5	7178
300		Ambagaon	10-15	Do	3	4088
301		Chanameri		Do	7	9869
302		Chudangapur		Do	6	7235
303		Dayanidhipur	5-10	Do	3	3804
304		Dengadi		Do	4	7301
305		Errendra	10-15	Do	5	6899
306		Gangapur		Do	7	5040
307		Goutami		Do	5	5188
308		Jeura	10-15	Do	4	3657
309		Kalarapadar	15-20	Do	4	4477
310		Kansamari		Do	1	4009
311		Kaudia		Do	2	3930
312		Khallingi	5-10	Do	4	7348
313		Konkarada		Do	3	8858
314		Moulabhanja		Do	10	8540
315		Padmapur		Do	6	2983
316		PaikaRamacan drapur	10-15	Do	7	9173
317		Patapur	5	Do	1	14188
318		Pattiguda		Do	8	5506
319		Podamari		Do	5	8200
320		Radhadeipur		Do	2	4033
321		Sahasapur	5-10	Do	5	5791
322		Sata Pentha Gopalpur		Do	11	8571
323		Singipur	10-15	Do	7	8414
324		Taptapani Govindapur		Do	18	6210
325	Beguniapada	Angargam	30	Do	6	6028
326		B.K.Khama	15	Do	10	6863
327		Beguniapada	2	Do	3	5335
328		Beruanbadi	20	Do	3	5061
329		Burujhari	15-20	Do	3	6352
330		Chandanpur	20	Do	7	6136
331		Chingudikhole	15	Do	3	3208
332		Digapada	16	Do	6	6630



333		Ghodapada	25	Do	6	1936
334		K.Barida	8	Do	5	8880
335		Kalimeghi	25	Do	15	5371
336		Khandianai	HQRS	Do	9	7203
337		Kumbhargaon	30	Do	9	4424
338		Mardakote	12	Do	3	7102
339		Mardamekha	25	Do	2	8952
340		Mathasarasingi	18	Do	4	6023
341		Phasi	15	Do	6	8259
342		S.Chachina	10	Do	6	6545
343		S.Ustapada	22	Do	3	3210
344		Sandhamula	25	Do	7	4991
345		Sankuda	20	Do	4	4609
346		Sumandala	18	Do	4	5070
347		Talasara	25	Do	9	7015
348	Kabisuryanagar	Ambapua	15	Do	4	5138
349		Athagadapatna	10	Do	1	5670
350		Badamahuri	17	Do	1	3053
351		Baliasara	3	Do	5	7113
352		Barida(A)	15	Do	1	6954
353		Baunsia	10	Do	5	6695
354		Bolasara	6	Do	1	3173
355		Borasingi	12	Do	4	5977
356		Budhamba	15	Do	4	5930
357		Gangapur	17	Do	5	6486
358		Gudiali	5	Do	2	5986
359		Jarada	10	Do	4	4877
360		Kaniary	15	Do	5	4922
361		Khajapalli	20	Do	4	5719
362		Nandiagada	12	Do	4	6443
363		Paikajamuna	12	Do	5	5405
364		Risipur	15	Do	4	3505
365		Sialia	16	Do	3	6657
366		Subalaya	18	Do	4	6005
367		Sunapalli	14	Do	3	4889
368		Sunarijhola	5	Do	4	3757
369	Khallikote	Aitipur	25-30	Do	8	4340
370		B.N Pur	25	Do	10	6906
371		B.N.Palli	10-15	Do	9	7535
372		Badapalli	18	Do	19	5378



373		Bania	18	Do	7	5218
374		Bhakutagaon	15-20	Do	3	4372
375		Bhikapada	25	Do	2	3602
376		Bikrampur	10	Do	9	7043
377		Chikili	15	Do	4	5360
378		Danapur	25	Do	5	7486
379		Dimiria	15	Do	8	5410
380		Kairasi	15	Do	1	4750
381		Kanaka	20	Do	10	6164
382		Kanchana	12	Do	4	8215
383		Kanheipur	18	Do	6	4676
384		Keshpur	17	Do	4	6871
385		Khojapalli	25	Do	3	4353
386		Komondo	25	Do	5	6514
387		Langaleswar	18	Do	6	15623
388		Manikapur	14	Do	2	5667
389		Mathura	8	Do	11	8814
390		Naikanipalli	18	Do	6	5093
391		Odiallapur	25	Do	6	4516
392		Pathara	22	Do	1	6072
393		Sabulia	14	Do	2	7018
394		SKS Pur	14	Do	4	5675
395		Talapada	12	Do	3	5113
396		Tentuliapalli	12	Do	3	3265
397		Tulasipur	8	Do	4	4520
398	Chatrapur	Agastinuagan	10	Do	2	8365
399		Arjyapalli	10	Do	1	8001
400		Bada Madhapur	15	Do	4	7944
401		Baulagam	20	Do	5	4472
402		Bhikaripalli	10	Do	8	8620
403		Bipulingi	20	Do	7	8755
404		Chamakhandi	10	Do	6	11430
405		Chikalkhandi	10	Do	4	8203
406		Kallipalli	15	Do	6	8339
407		Kanamana	8	Do	4	7610
408		Laxmipur	20	Do	4	6850
409		Mahanadapur	15	Do	4	4441
410		Narendrapur	15	Do	4	7896
411		Podapadara	6	Do	8	6142
412		Potlampur	20	Do	5	8763



413		Sriramachandra	15	Do	1	3526
414		pur Sundarpur	15	Do	3	12395
415		Tanganapalli	20	Do	5	7525
416	Ganjam	Humma	5	Do	4	7504
417	Gurijarri	Jharedi	15	Do	5	2478
117		Radhagobinda pur	13		3	2170
418		Kainchapur	8	Do	4	4693
419		Karapada	20	Do	3	7477
420		Khandadeuli	18	Do	6	5252
421		Mallada	12	Do	10	7333
422		Palanga	25	Do	4	3656
423		Palibandha	8	Do	4	8363
424		Poirasi	25	Do	10	8915
425		Rajapur	25	Do	2	3122
426		Ramagada	18	Do	7	8725
427		Sanaramchandr apur	15	Do	8	8110
428		Santoshpur	20	Do	6	4392
429		Subalaya	12	Do	7	5580
430		Umuri Dharmasaranp ur	25	Do	6	3570
431	Polasara	Bada Pankalabadi	12	Do	3	5708
432		Balichai	15	Do	2	3498
433		Banthapalli	14	Do	3	2852
434		Bartini	12	Do	3	3745
435		Belagaon	8	Do	4	7733
436		Bhabarada	18	Do	4	4289
437		Budheisuni	25	Do	2	3681
438		Chirikipadasasa n	16	Do	3	8323
439		Dhunkapada	16	Do	3	5069
440		Ghodapalana	14	Do	2	2699
441		Gochabadi	20	Do	20	5092
442		Hatiotta	10	Do	7	6450
443		J.Dengapadar	20	Do	2	3916
444		Jakara	15	Do	2	4002
445		Kalamba	8	Do	2	7030
446		Kanachai	15	Do	3	4359
447		Kendubadi	20	Do	2	3680



448		Khanduru	15	Do	1	5889
449		Madhupalli	6	Do	4	5534
450		Mala Tentulia	15	Do	5	4756
451		Mandara	20	Do	2	5484
452		Mathura	8	Do	2	7021
453		Nimina	6	Do	3	4322
454		Pandiripada	15	Do	25	6424
455		Rumagada	20	Do	5	5687
456		Sodaka	20	Do	5	6143
457	Dunishattamaun	Achuli	6	Do	5	4403
	Purushottampur		12			
458		Antarigam		Do	3	6491
459		Arakhapur	10	Do		3959
460		BadaBaragam	10	Do	6	5218
461		Badakharida	8	Do	5	9834
462		Baghala	18	Do	5	7174
463		Bhatakumarad a	15	Do	1	7649
464		Bhimpur	15	Do	3	4996
465		Bhutasarasingi	5	Do	6	6846
466		Changudipadar Nuagam	12	Do	3	5183
467		Chingudighai	16	Do	3	4964
468		Gangadeuni	12	Do	2	4884
469		Handighar	16	Do	3	2987
470		Jaganathpur	20	Do	5	4130
471		Jamuni	20	Do	2	4970
472		Jhadabai	18	Do	4	6400
473		Kama Nalinakhyapur	12	Do	6	5636
474		Pandia	15	Do	3	4675
475		Pratapur	8	Do	1	3153
476		Raipur	15	Do	4	4869
477		Ranajhali	15	Do	6	7724
478		Sama	8	Do	5	6663
479		Sikula	8	Do	1	5645
480		Solaghar	20	Do	2	3883
481		Sunathar	25	Do	2	5401
482		Tankachai	15	Do	5	6194
483	Hinjilicut	Badakhandi	10	Do	3	6347
484		Bellagam	20	Do	1	3083
485		Bhabandha	22	Do	2	4983



486	Burupada	5	Do	2	8899
487	Chanduli	7	Do	2	3541
488	Darubhadra	12	Do	4	5717
489	Dayapalli	18	Do	1	2408
490	Dhobadi	20	Do	1	3956
491	Durbandha	15	Do	2	6866
492	Gandala	20	Do	3	6552
493	Kanchuru	10	Do	5	7944
494	Kharida	6	Do	2	4375
495	Makarajhola	8	Do	3	5385
496	Nandika	10	Do	1	3812
497	Pochilima	8	Do	5	4817
498	Putiapadara	14	Do	4	3846
499	Ralaba	12	Do	2	6640
500	Sahapur	22	Do	2	4175
501	Saru	7	Do	2	4618
502	Sasanambagam	10	Do	2	5244
503	Sikiri	4	Do	2	6687

## 3.19 Rain recording Stations of Ganjam Dist.:

SI. No.	Name of the Rain recording Station
1	Aska
2	Kodala (Tahasil)
3	Bellaguntha (Block)
4	Bhanjanagar (Block)
5	Buguda (Block)
6	Chatrapur (Tahasil)
7	Chikiti (Tahasil)
8	Dharakot (Block)
9	Digapahandi (Block)
10	Ganjam (Block)
11	Hinjilicut (Block)
12	J.N.Prasad (Block)
13	K.S.Nagar (Block)
14	Khallikote (Block)
15	Kukudakhandi (Block)
16	Patrapur (Block)
17	Polasara (Block)
18	Purushottampur (Tahasil)
19	Rangeilunda (Block)
20	Sanakhamundi (Block)
21	Sheragada (Block)
22	Sorada (Tahasil)



# 3.20 <u>Identified Safe Temporary Shelters</u>:

SI. No.	Block	СР	Village	Name of the Institutions/ Buildings	Type of Roof	No. of Rooms (Size)	No. of Toilets (M/F)	Availability of Kitchen	Total useable area
1	Ganjam	Pallibandha	Kantiagada	MCS	RCC	8	6	2	100'X 100'
2	Ganjam		Kantiagada	PS cum CS	RCC	4	2	1	150' x 200'
3	Ganjam		Purunabandha	PS cum CS	RCC	4	2	1	150' x 200'
4	Ganjam		Niladripur	PS cum CS	RCC	4	2	1	150' x 200'
5	Ganjam		Purunabandha	MCS	RCC	8	6	2	150' x 200'
6	Ganjam		Niladripur	MCS	RCC	8	6	2	100'X 100'
7	Ganjam		Binchanapalli	MCS	RCC	8	6	2	100'X 100'
8	Ganjam		Podempeta	MCS-LWS	RCC	8	4	2	100'X 100'
9	Ganjam	Karapada	Karapada	MFS	RCC	8	6	2	100'X 100'
10	Ganjam	Ramagada	Podagada- Jhatipadar	MCS	RCC	8	6	2	100'X 100'
11	Ganjam		Prayagi	MCS	RCC	8	6	2	100'X 100'
12	Ganjam		Sipakuda	MCS	RCC	8	6	2	100'X 100'
13	Ganjam		Palur gada	Taluka High School cum CS	RCC	4	2	1	150' x 200'
14	Ganjam		Binchanapalli	PS cum CS	RCC	4	2	1	150' x 200'
15	Ganjam		Palur gada	PS cum CS	RCC	4	2	1	150' x 200'
16	Ganjam		Prayagi	PS cum CS	RCC	4	2	1	150' x 200'
17	Ganjam		Sipakuda	PS cum CS	RCC	4	2	1	150' x 200'
18	Ganjam	Huma	Borigam	MCS	RCC	8	4	2	100'X 100'
19	Ganjam		Humma	BBHS-cum- CS	RCC	8	4	2	100'X 100'
20	Ganjam		Gokharkuda	MCS- RedCross	RCC	8	4	2	100'X 100'
21	Ganjam		Gokharkuda	PS cum CS	RCC	4	2	1	150' x 200'
22	Ganjam	Mallad	Lunghuri	MCS	RCC	8	4	2	100'X 100'
23	Ganjam		Mallad	Govt. High school cum	RCC	8	4	2	300'x350'
24	Ganjam	Rajapur	Rajapur	MCS	RCC	8	4	2	100'X 100'



25	Ganjam	Subalaya	Subalaya	G.K.High school cum cS	RCC	8	4	2	300'x350'
26	Ganjam	Santoshpur	Satuli	MCS	RCC	8	4	2	100'X 100'
27	Ganjam			MCS	RCC	8	4	2	100'X 100'
28	Ganjam	SRChPur	Madhurchua	MCS	RCC	8	4	2	100'X 100'
29	Ganjam		Gourangapatna	PS cum CS	RCC	4	2	1	150' x 200'
30	Ganjam	Khandadeuli	Khandadeuli	PS cum CS	RCC	4	2	1	150' x 200'
31	Ganjam	Poirasi	Kaluabadi	MCS-LWS	RCC	4	2	1	150' x 200'
32	Ganjam		Kaluabadi	PS cum CS	RCC	4	2	1	150×200
33	Ganjam	Rambha NAC	Rambha	Girls High school cum CS	RCC	8	4	2	300'x350'
34	Ganjam	Rambha NAC	Rambha	Boys High school cum CS	RCC	8	4	2	300'x350'
35	Ganjam		NAC Ganjam	Bharati Vidyapitha cum CS	RCC	8	4	2	300'x350'
36	Ganjam		NAC Ganjam	Girls High School-cum- CS	RCC	8	4	2	300'x350'
37	Ganjam			Raula sahi PS cum CS	RCC	4	2	1	150' × 200'
38	Chatrapur	Aryapalli	B.Aryapalli	MCS	RCC	8	6	2	100'X 100'
39		Kanamana	Kanamona	MCS	RCC	8	4	2	100'X 100'
40			Kanamana	PS cum CS	RCC	4	2	1	150' x 200'
41			Jajnyasala	PS cum CS	RCC	4	2	1	150' x 200'
42			Matikhala	MCS	RCC	8	6	2	100'X 100'
43			B.Aryapalli	PS cum CS	RCC	4	2	1	150' x 200'
44			Matikhala	PS cum CS	RCC	4	2	1	150' x 200'
45			Kanamana	PS cum CS	RCC	4	2	1	150' x 200'
46		Kalipalli	Upulapati	MCS	RCC	8	6	2	100'X 100'
47			Haripur	MCS	RCC	8	6	2	100'X 100'
48			Haripur	UPS cum CS	RCC	4	2	1	150' x 200'
49		Upalaputi	Upalaputi	UPS cum CS	RCC	4	2	1	150' x 200'
50		Agastinuagam	Nolinuagam	MCS	RCC	8	6	2	100'X 100'
51			Agastinuagam	MCS	RCC	8	6	2	100'X 100'



	 							OSDMA
52		Agastinuagam	PS cum CS	RCC	4	2	1	150' x 200'
53		S.Nolianuagam	Rameswar Temple cum CS	RCC	4	2	1	150' x 200'
54		Nolianuagam	PS cum CS	RCC	4	2	1	150' x 200'
55	Potalampur	Potalampur	Gangapur H.Scum- CS	RCC	8	4	2	300'x350'
56	Sundarpur	Sundarpur	High School-cum- CS	RCC	8	4	2	300'x350'
57	Baulagam	Baulagam	High School-cum- CS	RCC	8	4	2	300'x350'
58		Baulagam	PS cum CS	RCC	4	2	1	150' x 200'
59		Krushnapur	PS cum CS	RCC	4	2	1	150' x 200'
60	Bipulingi	Bipulingi	High School-cum- CS	RCC	8	4	2	300'x350'
61		Sorala	PS cum CS	RCC	4	2	1	150×200
62	Chamakhan di	Chamakhandi	High School-cum- CS	RCC	8	4	2	300'x350'
63		Sinurapalli	Pry.School- cum-CS	RCC	4	2	1	150' x 200'
64		Basanaputi	Pry.School- cum-CS	RCC	4	2	1	150' x 200'
65		Somanathpur	Pry.School- cum-CS	RCC	4	2	1	150' x 200'
66	NAC,Chatra pur	NAC,Chatrapur	Girls High School-cum- CS	RCC	8	4	2	300'x350'
67	NAC,Chatra pur	NAC,Chatrapur	Police H.S cum CS	RCC	8	4	2	300'x350'
68	NAC,Chatra pur	NAC,Chatrapur	Onslow High School-cum- CS	RCC	8	4	2	300'x350'
69	Kalabada	Kalabada	High School-cum- CS	RCC	8	4	2	300'x350'
70	Tanganapalli	Tanganapalli	MK Vidyapitha cum CS	RCC	8	4	2	300'x350'
71	Aryapalli	K.Arjipalli	Pry.School- cum-CS	RCC	4	2	1	150' x 200'
72		B.Arjipally	Pry.School- cum-CS	RCC	4	2	1	150' x 200'



73	Khallikote	Sabulia	Sabulia	MCS	RCC	8	6	2	100'X 100'
74			Sabulia	HS cum CS	RCC	8	4	2	300'x350'
75		Kanaka	Samalanasi	MCS	RCC	8	6	2	100'X 100'
76		BNPur	BNPur	High School cum CS	RCC	8	4	2	300'x350'
77		Keshapur	Keshapur	High School cum CS	RCC	8	4	2	300'x350'
78			Sanaghati	PS cum CS	RCC	4	2	1	150' x 200'
79			B.Barapali	PS cum CS	RCC	4	2	1	150' x 200'
80			A.Nuapalli	PS cum CS	RCC	4	2	1	150' x 200'
81		LSKS Pur	Bikrampur	High School cum CS	RCC	8	4	2	300'x350'
82			Keshapur Chhak	High School cum CS	RCC	8	4	2	300'x350'
83			Biiripur	High School cum CS	RCC	8	4	2	300'x350'
84		Kanheipur	Kanheipur	High School cum CS	RCC	8	4	2	300'x350'
85		Langeleswar	Langeleswar	High School cum CS	RCC	8	4	2	300'x350'
86			Bhejiput	PS cum CS	RCC	4	2	1	150' x 200'
87			Langeleswar-B	PS cum CS	RCC	4	2	1	150' x 200'
88		NAC	Khallikote	Girls High School-cum- CS	RCC	8	4	2	300'x350'
89			Khallikote	Boyrs High school cum CS	RCC	8	4	2	300'x350'
90			Gopapur	PS cum CS	RCC	4	2	1	150' x 200'
91		Pathara	Pathara	High School cum CS	RCC	8	4	2	300'x350'
92		Talapada	Talapada	High School cum CS	RCC	8	4	2	300'x350'
93		Chikili	Chikili	High School cum CS	RCC	8	4	2	300'x350'
94			Gopapur	High School cum CS	RCC	8	4	2	300'x350'
95	Rangeilun da	Indrakhi	Tulu	MCS	RCC	8	4	2	100'x 100'
96		Dura	Dura	High School cum CS	RCC	8	4	2	300'x350'
97	Chikiti	Katuru	Chandanbada	MCS	RCC	8	6	2	100'X 100'
98		Ekasing	Ekasing	MCS	RCC	8	6	2	100'X 100'



99		Sunapur	Patisunapur	MCS	RCC	8	6	2	100'X 100'
100			Sonapur	MCS-Red Cross	RCC	8	6	2	100'X 100'
101		Katuru	Rameyapatna	MCS	RCC	8	6	2	100'X 100'
102			Chandanbada	PS cum CS	RCC	4	2	1	150' x 200'
103			Patrachudi	PS cum CS	RCC	4	2	1	150' x 200'
104			Polasara	PS cum CS	RCC	4	2	1	150' x 200'
105			Anandamaya	PS cum CS	RCC	4	2	1	150' x 200'
106			Karabalua	PS cum CS	RCC	4	2	1	150' x 200'
107		Chikiti NAC	Chikitipentho	HS cum CS	RCC	8	4	2	300'x350'
108		Girisola	Girisola	HS cum CS	RCC	8	4	2	300'x350'
109		K.Nuagam	Krushnapur	HS cum CS	RCC	8	4	2	300'x350'
110		Surala	Sorala	HS cum CS	RCC	8	4	2	300'x350'
111			Subani	HS cum CS	RCC	8	4	2	300'x350'
112			Kalabada	HS cum CS	RCC	8	4	2	300'x350'
113			Kotilingi	HS cum CS	RCC	8	4	2	300'x350'
114	Rangeilun da	Indrakhi	Tulu	HS cum CS	RCC	8	4	2	300'x350'
115			Sonapur	PS cum CS	RCC	4	2	1	150' x 200'
116		Biswanathpu r	Nuapalli	PS cum CS	RCC	4	2	1	150' x 200'
117		Mantridi	Bayali	PS cum CS	RCC	4	2	1	150' x 200'
118		Narayanpur	N.Boxipalli	PS cum CS	RCC	4	2	1	150' x 200'
119			Karapalli	PS cum CS	RCC	4	2	1	150' x 200'
120		Indrakhi	Indrakhi	PS cum CS	RCC	4	2	1	150' x 200'
121			Ambapua	PS cum CS	RCC	4	2	1	150' x 200'
122		Golabandha	Golabandha	HS cum CS	RCC	8	4	2	300'x350'
123		Keluapali	B.Nagar	KSHS cum CS	RCC	8	4	2	300'x350'
124		Konisi	Konisi	HS cum CS	RCC	8	4	2	300'x350'
125		NAC,Gopal pur	NAC	HS cum CS	RCC	8	4	2	300'x350'
126		Dura	Dura	HS cum CS	RCC	8	4	2	300'x350'
127		Sasanapadar	Sasanapadar	HS cum CS	RCC	8	4	2	300'x350'
128	KS.Nagar	Sunarijhola	Bhetasingi	MFS	RCC	8	6	2	100'X 100'
129		Athagadapat na	Athagadapatna	High School cum CS	RCC	8	4	2	300'x350'



130		NAC,KSN	NAC,Chatrapur	HS cum CS	RCC	8	4	2	300'x350'
131		Barida	Barida	PS cum CS	RCC	4	2	1	150' x 200'
132		Budhamba	Budhamba	High School cum CS	RCC	8	4	2	300'x350'
133		Sunapali	Gunthapada	PS cum CS	RCC	4	2	1	150' x 200'
134	Hinjilicut	Ralaba	Ralaba	MFS	RCC	8	4	2	300'x350'
135		Burupada	Burupada	MCS	RCC	8	4	2	300'x350'
136		Burupada	Burupada	Bhagabati Vidyapitha cum CS	RCC	8	4	2	300'x350'
137		Saru	Saru	High School cum CS	RCC	8	4	2	300'x350'
138			Durbandha	High School cum CS	RCC	8	4	2	300'x350'
139			Kanchuru	High School cum CS	RCC	8	4	2	300'x350'
140		Sikiri	Sikiri	High School cum CS	RCC	8	4	2	300'x350'
141			Badakhandi	High School cum CS	RCC	8	4	2	300'x350'
142		NAC,Hinjilc ut	NAC	NAC HS cumCS	RCC	8	4	2	300'x350'
143			Gandala	HS cum CS	RCC	8	4	2	300'x350'
144			Gandala	Ganesh V.pitha cum CS	RCC	8	4	2	300'x350'
145		Podingi	Podingi	yamalai VP cum-CS	RCC	8	4	2	300'x350'
146	Aska	Gunthapada	Jagadalpur	MFS	RCC	8	4	2	300'x350'
147		Debabhumi	Debabhumi	High School cum CS	RCC	8	4	2	300'x350'
148		Kendupadar	Kendupadar	High School cum CS	RCC	8	4	2	300'x350'
149		Nimina	Nimina	High School cum CS	RCC	8	4	2	300'x350'
150		Balisira	Balisira	High School cum CS	RCC	8	4	2	300'x350'
151			Kotinada	PS cum CS	RCC	4	2	1	150' x 200'
152			Jaganathpali	PS cum CS	RCC	4	2	1	150' x 200'
153		NAC,Aska	Sunamba	PS cum CS	RCC	4	2	1	150' x 200'
154			Pudugeswarpall i	PS cum CS	RCC	4	2	1	150' x 200'
155	Sheragada	Pitala	Santoshpur	MFS	RCC	8	4	2	300'x350'



									OSDMA
156	Purusotta mpur	Raipur	Govindapur	MFS	RCC	8	4	2	300'x350'
157		Pratapur	Pratapur	MFS	RCC	8	4	2	300'x350'
158	Beguniapa da	Talasara	Talasara	High School cum CS	RCC	8	4	2	300'x350'
159		Phasi	Phasi	High School cum CS	RCC	8	4	2	300'x350'
160		Beguniapada	Beguniapada	High School cum CS	RCC	8	4	2	300'x350'
161		Mathasarasi ngi	Mathasarasingi	High School cum CS	RCC	8	4	2	300'x350'
162		Talasara	Talasara	High School cum CS	RCC	8	4	2	300'x350'
163		Kodala	Kodala	Girls High school cum	RCC	8	4	2	300'x350'
164	Digapahan di	Bhismaagiri	Bhismaagiri	High school cum CS	RCC	8	4	2	300'x350'
165		Bomakei	Bomakei	High school cum CS	RCC	8	4	2	300'x350'
166		Boripadar	Boripadar	High school cum CS	RCC	8	4	2	300'x350'
167		Goudaga m	Goudaga m	High school cum CS	RCC	8	4	2	300'x350'
168		Padmanava pur	Padmanavapur	High school cum CS	RCC	8	4	2	300'x350'
169		Sidheswar	Sidheswar	High school cum CS	RCC	8	4	2	300'x350'
170			Madan Mohanpur	PS cum CS	RCC	4	2	1	150' x 200'
171		NAC	Digapahandi Colony	PS cum CS	RCC	4	2	1	150' x 200'
172		Goudaga m	Goudaga m	HS cum CS	RCC	8	4	2	300'x350'
173		Badakhemu ndi	Badakhemundi	HS cum CS	RCC	8	4	2	300'x350'
174		N.Pentho	N.Pentho	HS cum CS	RCC	8	4	2	300'x350'
175		Phasiguda	Phasiguda	HS cum CS	RCC	8	4	2	300'x350'
176	Kukudakh andi	Nimakhandi	Nimakhandi	High school cum CS	RCC	8	4	2	300'x350'
177			Barapali	PS cum CS	RCC	4	2	1	150' x 200'
178			Baniamari	PS cum CS	RCC	4	2	1	150' x 200'
179			J.Naidupalli	PS cum CS	RCC	4	2	1	150' x 200'
180			Jugudi	PS cum CS	RCC	4	2	1	150' x 200'
181			Gurunthi	PS cum CS	RCC	4	2	1	150' x 200'
182		Tikarapada	Tikarapada	PS cum CS	RCC	4	2	1	150' x 200'



							,		
183			Rohigam	PS cum CS	RCC	4	2	1	150' x 200'
184		Kukudakhan di	Kukudakhandi	High school cum CS	RCC	8	4	2	300'x350'
185		Mahuda	Mahuda	High school cum CS	RCC	8	4	2	300'x350'
186		Nimakhandi	Nimakhandi	High school cum CS	RCC	8	4	2	300'x350'
187		Anantei	Anantei	High school cum CS	RCC	8	4	2	300'x350'
188		Ankushapur	Ankushapur	High school cum CS	RCC	8	4	2	300'x350'
189		Dakhinapur	Dakhinapur	High school cum CS	RCC	8	4	2	300'x350'
190		Hugulapata	Hugulapata	High school cum CS	RCC	8	4	2	300'x350'
191		Mashiakhali	Krupasindhupu r	High school cum CS	RCC	8	4	2	300'x350'
192		Balipada	Balipada	High school cum CS	RCC	8	4	2	300'x350'
193	Patrapur	Samantiapall i	Samantiapalli	High school cum CS	RCC	8	4	2	300'x350'
194			Khaira	PS cum CS	RCC	4	2	1	150' x 200'
195			Narayanpur	PS cum CS	RCC	4	2	1	150' x 200'
196			sabaradeipeta	PS cum CS	RCC	4	2	1	150' x 200'
197		Jayantipur	Jayantipur	High school cum CS	RCC	8	4	2	300'x350'
198		B.Nuagam	B.Nuagam	High school cum CS	RCC	8	4	2	300'x350'
199		Sikiri	Sikiri	High school cum CS	RCC	8	4	2	300'x350'
200	Sanakhem undi	Singipur	Singipur	High school cum CS	RCC	8	4	2	300'x350'
201	Sheragada	Sheragada	Sheragada	High school cum CS	RCC	8	4	2	300'x350'
202		Ramachandr apur	Ramachandrap ur	High school cum CS	RCC	8	4	2	300'x350'
203		Pitala	Pitala	High school cum CS	RCC	8	4	2	300'x350'
204		Pakidi	Pakidi	PS school cum CS	RCC	4	2	1	150' x 200'
205		Govindapur	Govindapur	PS school cum CS	RCC	4	2	1	150' x 200'
206	Bellagunt ha	Netanga	Netanga	High school cum cS	RCC	8	4	2	300'x350'
207		NAC	Bellaguntha	GT High school cum CS	RCC	8	4	2	300'x350'



									OSDMA
208		Khetriabarp ur	Khetriabarpur	High school cum cS	RCC	8	4	2	300'x350'
209	Bhanjanag ar	Mujagada	Mujagada	High school cum cS	RCC	8	4	2	300'x350'
210		Kulada	Kulada	KS Vidyapitha cum cS	RCC	8	4	2	300'x350'
211		Kaithakhand i	Boripadar	Boripadar High school cum CS	RCC	8	4	2	300'x350'
212	Buguda	Buguda NAC	Buguda NAC	High school cum CS	RCC	8	4	2	300'x350'
213		Manitara	Manitara	High school cum CS	RCC	8	4	2	300'x350'
214		Buguda NAC	Buguda NAC	Girls High School cum CS	RCC	8	4	2	300'x350'
215		Balipadar	Balipadar	PS cum CS	RCC	4	2	1	150' x 200'
216		Manikapur	Manikapur	PS cum CS	RCC	4	2	1	150' x 200'
217			Kailash Nagar	PS cum CS	RCC	4	2	1	150' x 200'
218		Balipadar	Balipadar	HS cum CS	RCC	8	4	2	300'x350'
219	Dharakot e	Jharapari	Jharapari	PS cum CS	RCC	4	2	1	150' x 200'
220		Mundamarai	Mundamarai	HS cum CS	RCC	8	4	2	300'x350'
221	Polasara	Godapalan	Godapalan	High School cum CS	RCC	8	4	2	300'x350'
222		Hatiota	Hatiota	High School cum CS	RCC	8	4	2	300'x350'
223		Kalamba	Kalamba	High School cum CS	RCC	8	4	2	300'x350'
224		Kendubadi	Kendubadi	High School cum CS	RCC	8	4	2	300'x350'
225		NAC	Polasara	High School cum CS	RCC	8	4	2	300'x350'
226		Ramagada	Ramagada	High School cum CS	RCC	8	4	2	300'x350'
227		Belagam	Madhusudanpu r	High School cum CS	RCC	8	4	2	300'x350'
228		Belagam	Belagam	High School cum CS	RCC	8	4	2	300'x350'
229		Kendubadi	Kendubadi	High School cum CS	RCC	8	4	2	300'x350'
230	Purushott ampur		Bhutasarasingi	PS cum CS	RCC	4	2	1	150' x 200'
231		NAC	Purushottampu r	PS cum CS	RCC	4	2	1	150' x 200'
232		Bhatakumar	Bhatakumarada	High School	RCC	8	4	2	300'x350'



		مطم		aum CC					
		ada		cum CS					
233		Pandia	Pandia	High School cum CS	RCC	8	4	2	300'x350'
234		Sikula	Sikula	High School cum CS	RCC	8	4	2	300'x350'
235	Sanakhem undi	Kankorada	Konkarada	NB Vidyapitha cum CS	RCC	8	4	2	300'x350'
236			Bahadaguda	PS cum CS	RCC	4	2	1	150' x 200'
237			Somanathpur	PS cum CS	RCC	4	2	1	150' x 200'
238			Singipur (G Nagar)	PS cum CS	RCC	4	2	1	150' x 200'
239			Singipur (N.Sahi)	PS cum CS	RCC	4	2	1	150' x 200'
240		Chudangapu r	Chudangapur	High School cum CS	RCC	8	4	2	300'x350'
241		Maulabhanj a	Maulabhanja	High School cum CS	RCC	8	4	2	300'x350'
242		Singipur	Singipur	High School cum CS	RCC	8	4	2	300'x350'
243		Patapur	Patapur	High School cum CS	RCC	8	4	2	300'x350'
244	ВеМС	Ambapua	Ambapua	Red cross High school cum CS	RCC	8	4	2	300'x350'
245		Ankuli	Ankuli	High school cum cS	RCC	8	4	2	300'x350'
246		Berhampur	Gosaninuagam	KC Girls High school cum CS	RCC	8	4	2	300'x350'
247		Berhampur	Berhampur	SLN High School cum CS	RCC	8	4	2	300'x350'
248		Berhampur	Berhampur	BA High School cum CS	RCC	8	4	2	300'x350'
249		Berhampur	Berhampur	Govt. High school cum	RCC	8	4	2	300'x350'
250		Berhampur	Berhampur	Govt. ST High school cum cs	RCC	8	4	2	300'x350'
251		Berhampur	Berhampur	QM High school cum CS	RCC	8	4	2	300'x350'
252		Berhampur	Berhampur	MS Girls High school cum CS	RCC	8	4	2	300'x350'

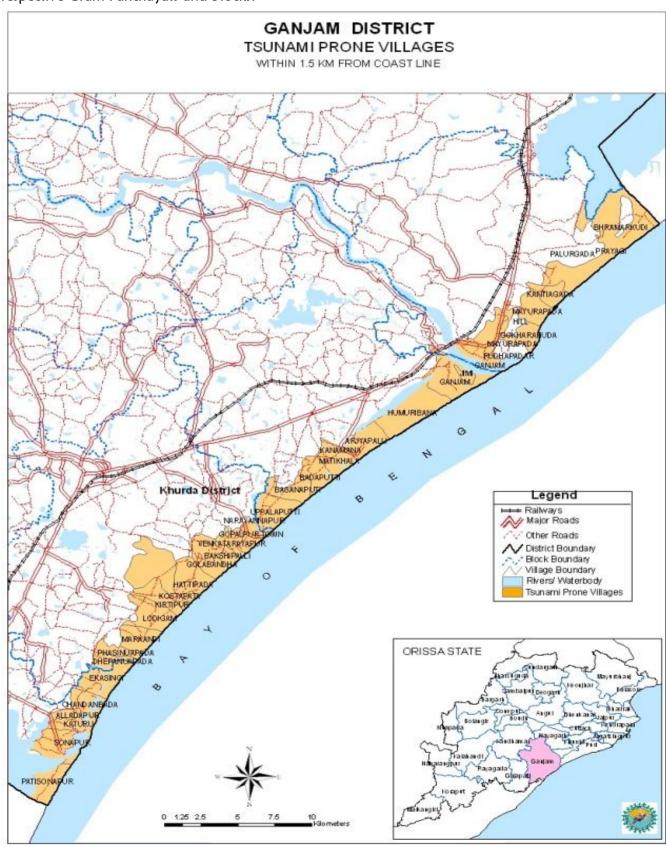


253	JNPrasad	Chhamunda	Chhamunda	UN Vidyapitha cum CS	RCC	8	4	2	300'x350'
254		JNPrasad	JNPrasad	Yudhishree Vidyapithat cum CS	RCC	8	4	2	300'x350'
255	Sorada	Badagada	Badagada	High school cum CS	RCC	8	4	2	300'x350'
256		NAC	Surada	High school cum CS	RCC	8	4	2	300'x350'
257			Gangadharpur	High school cum CS	RCC	8	4	2	300'x350'



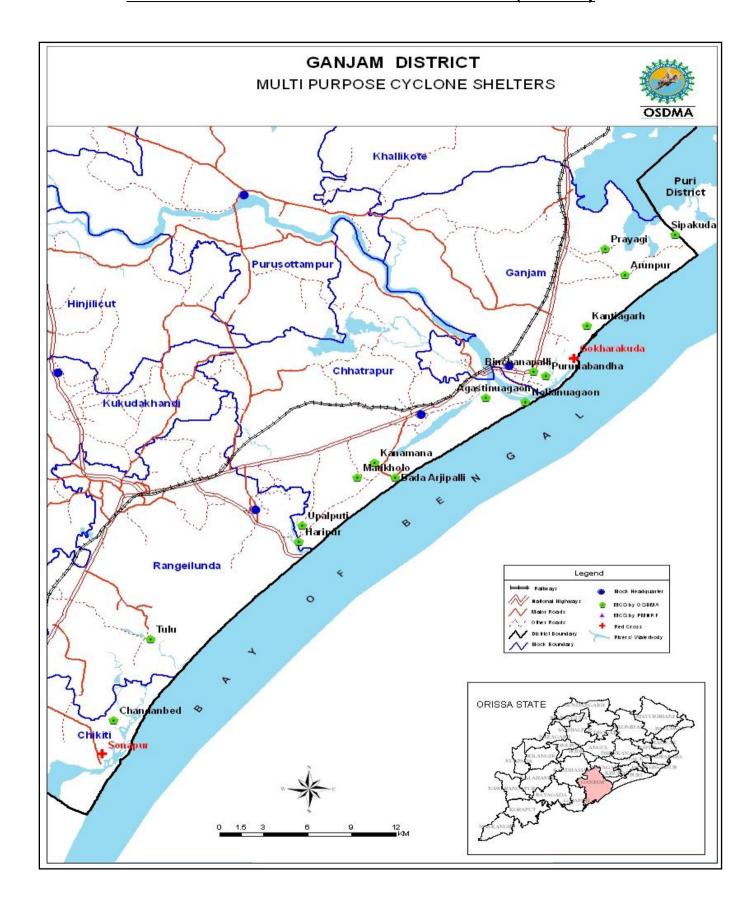
#### MAP 1: TSUNAMI-PRONE VILLAGES IN GANJAM

A list of the villages prone to tsunami is provided in the Annexure 1 along with their respective Gram Panchayats and Blocks.



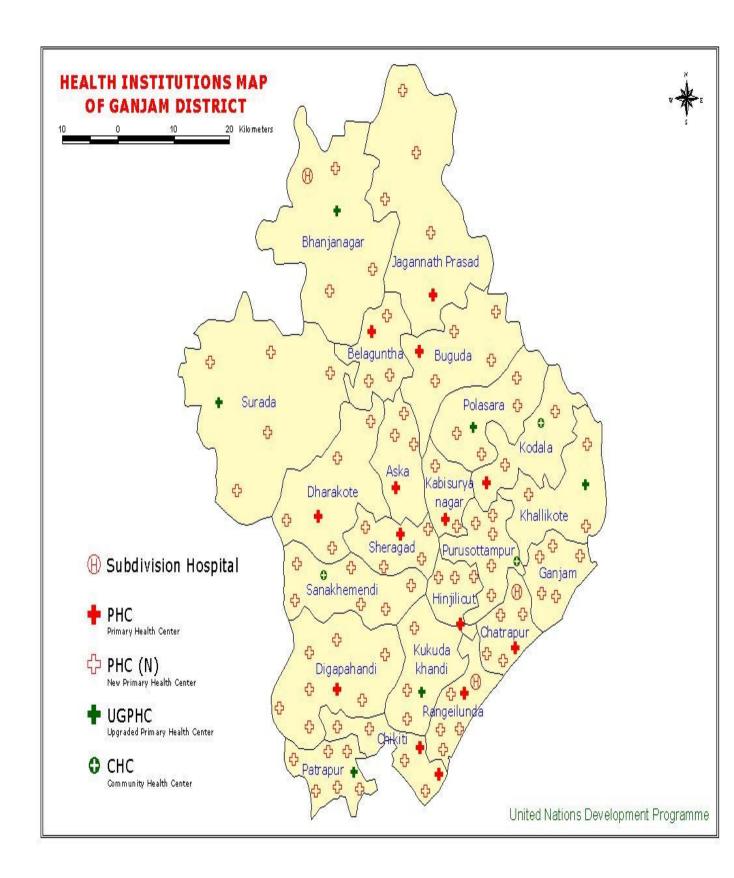


# MAP 2: MULTIPURPOSE CYCLONE SHELTERS (OSDMA)



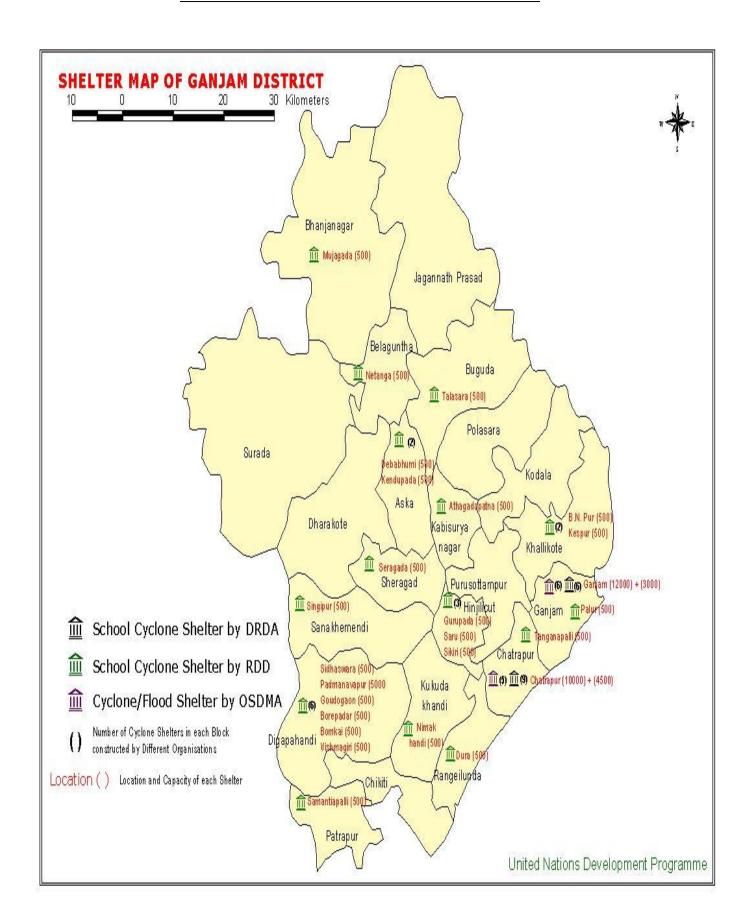


#### MAP 3: HEALTH INSTITUTIONS MAP



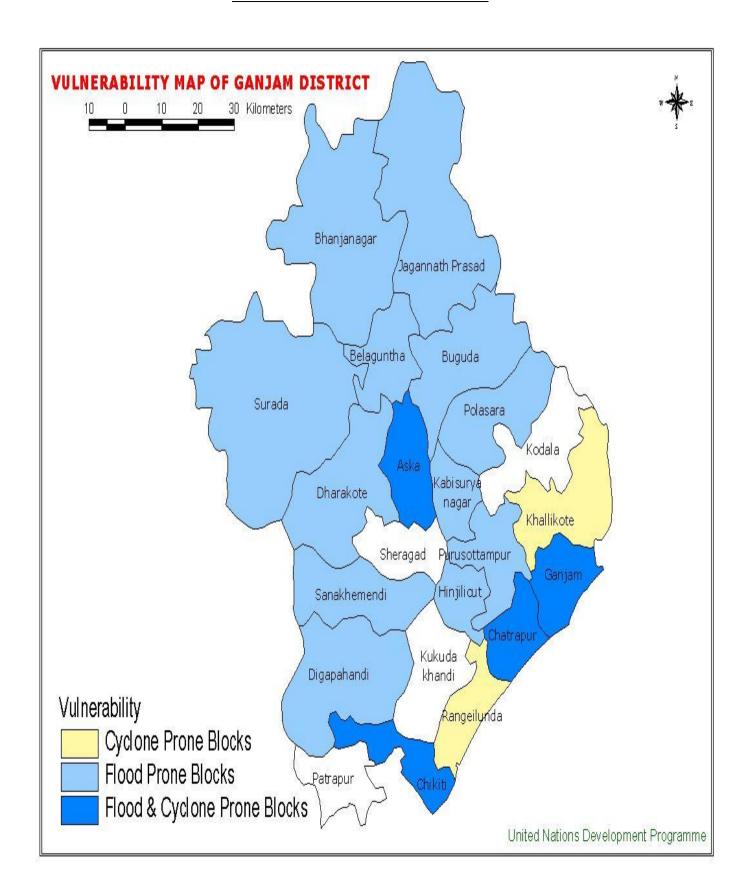


#### MAP 4: OTHER CYCLONE SHELTERS MAP





# **MAP 5: VULNERABILITY MAP**

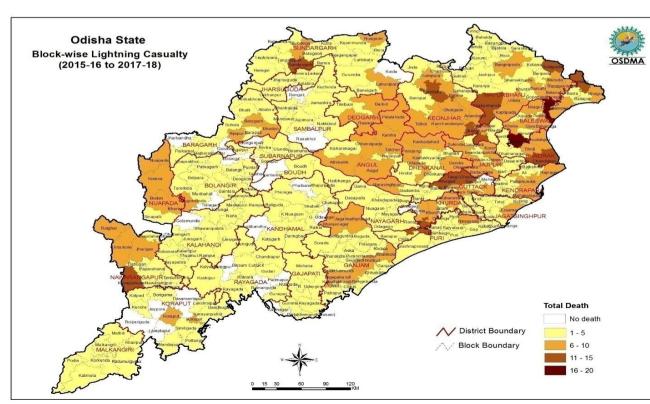




# MAP 6: FLOOD ZONES

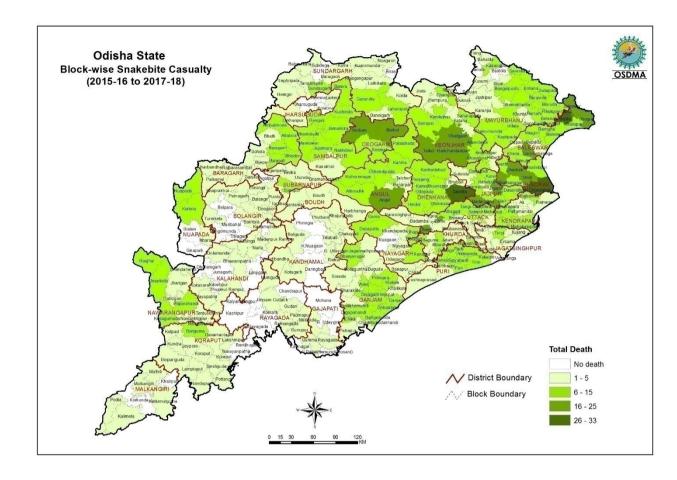


# **MAP 7: LIGHTNING CASUALTY:**



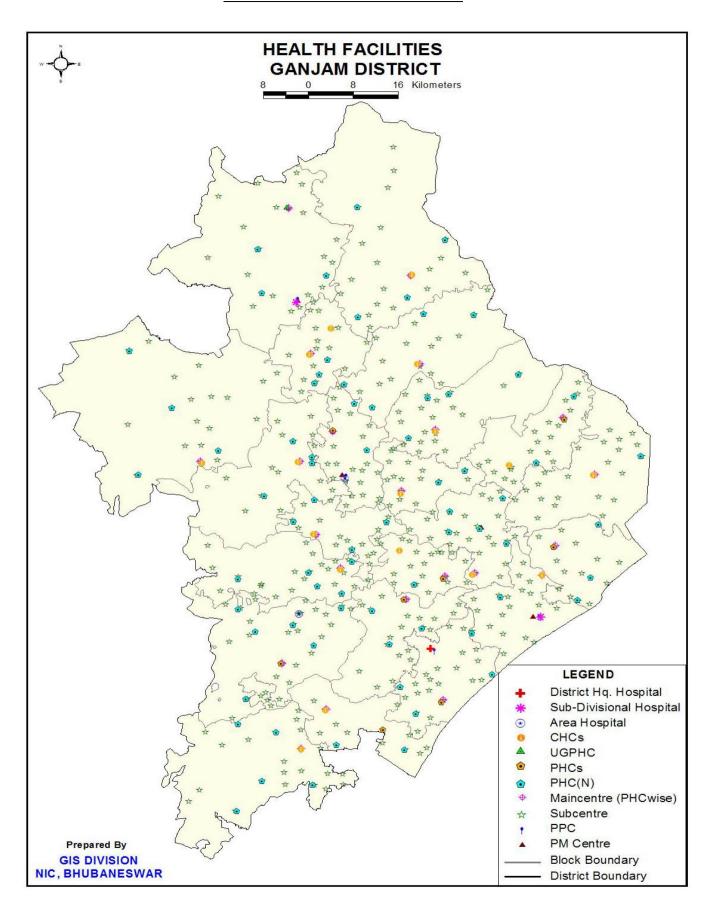


# MAP 8: SNAKEBITE CASUALTY:



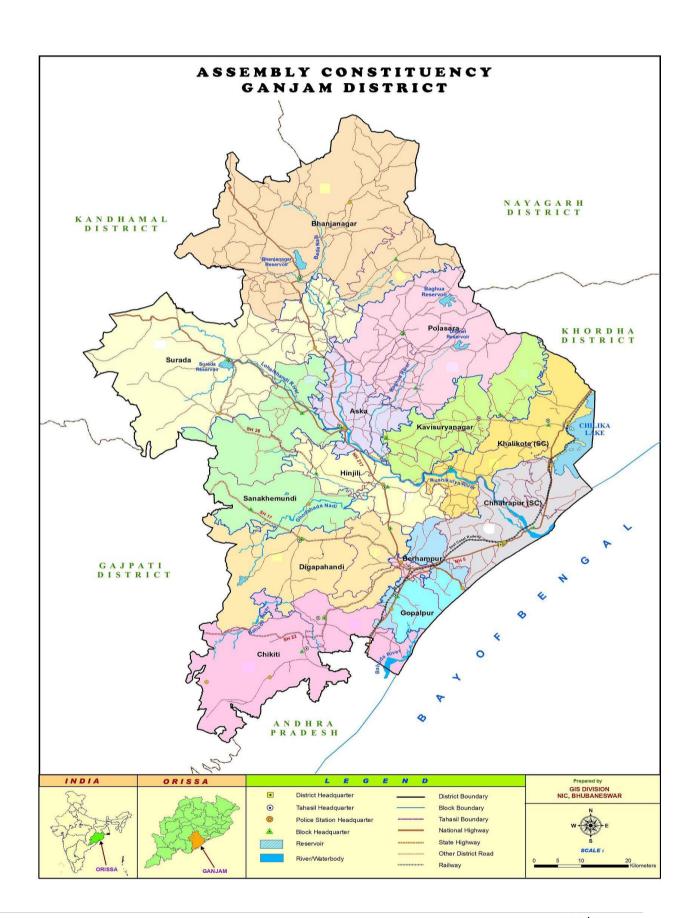


# MAP 9: HEALTH FACILITIES:



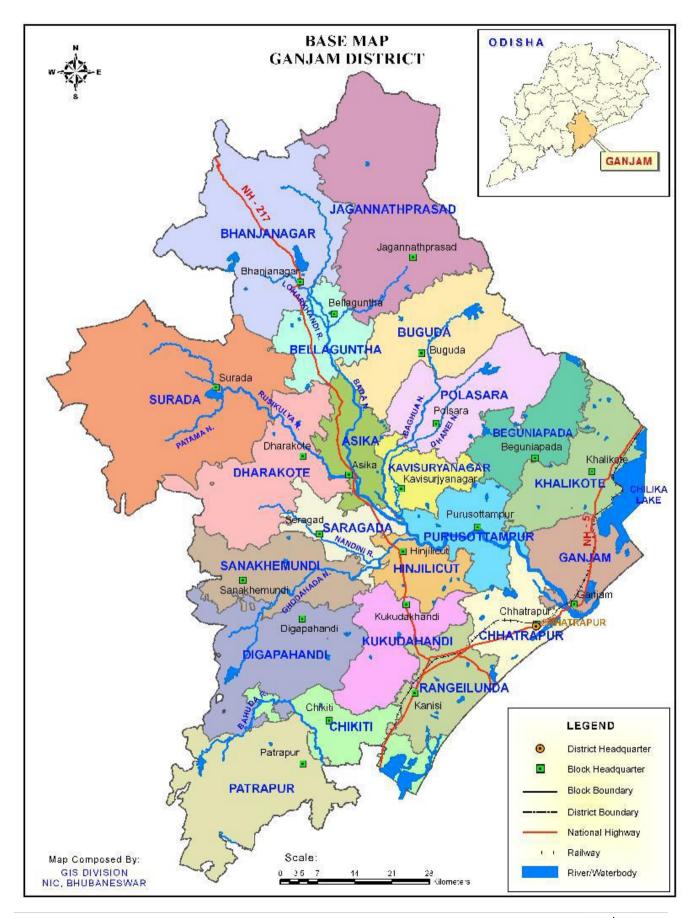


# MAP 10: ASSEMBLY CONSTITUTENCY



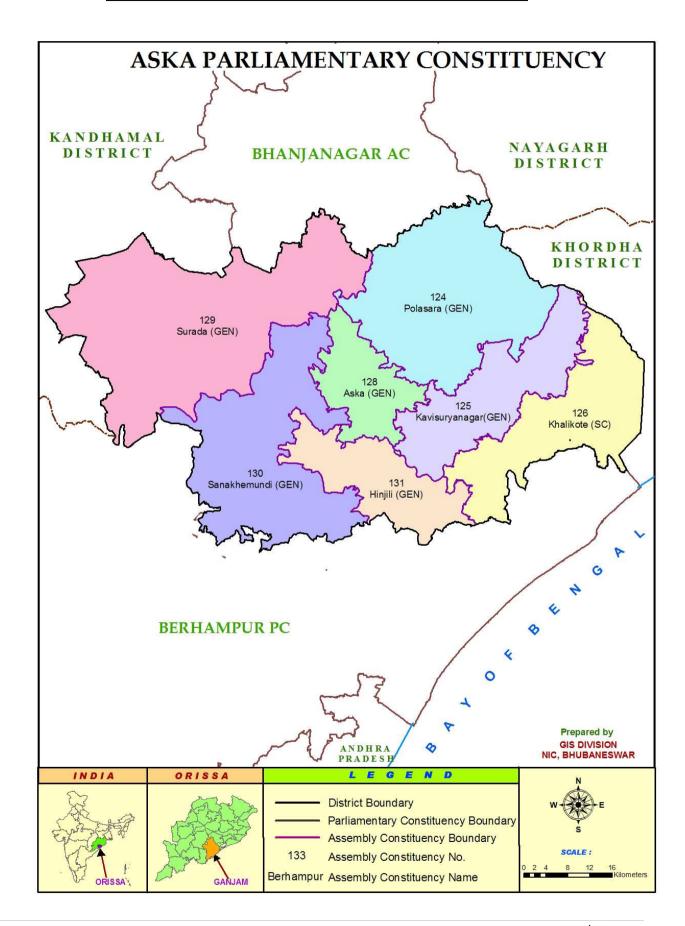


# MAP 11: GANJAM DISTRICT



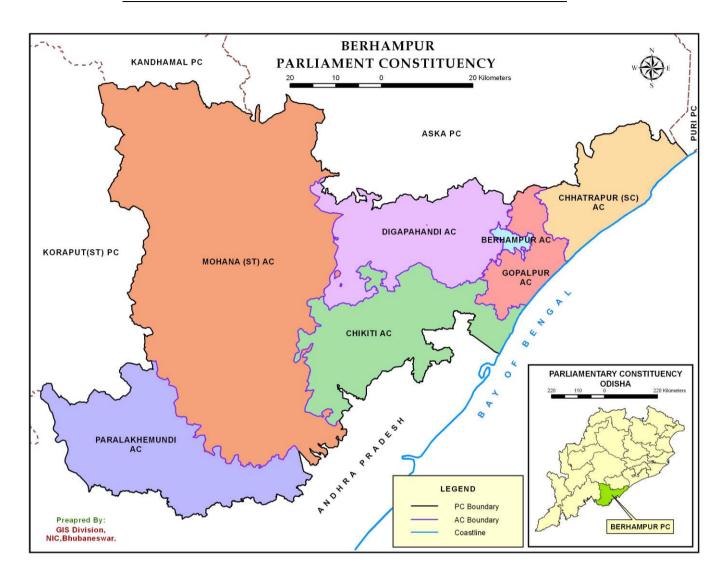


#### MAP12: ASKA PARLIAMENTARY CONSTITUENCY



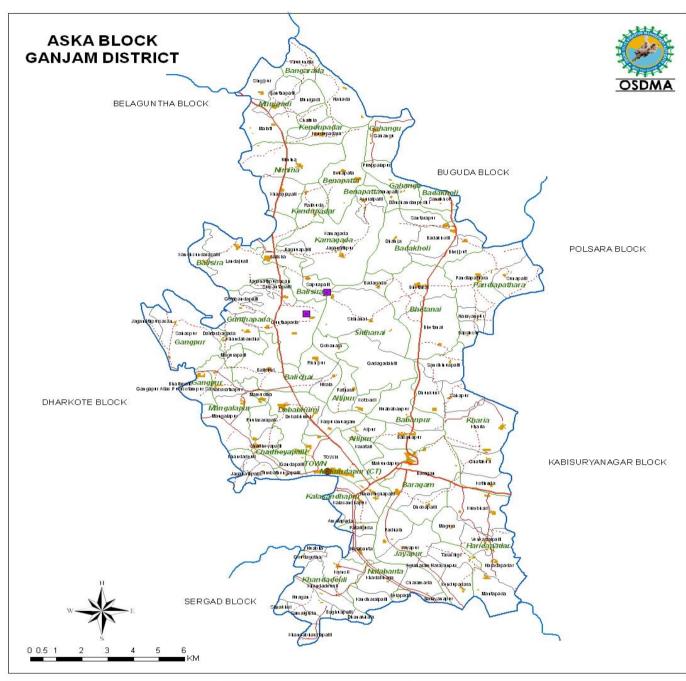


# MAP13: PARLIAMENT CONSITUENCY BERHAMPUR





#### MAP 14: ASKA BLOCK



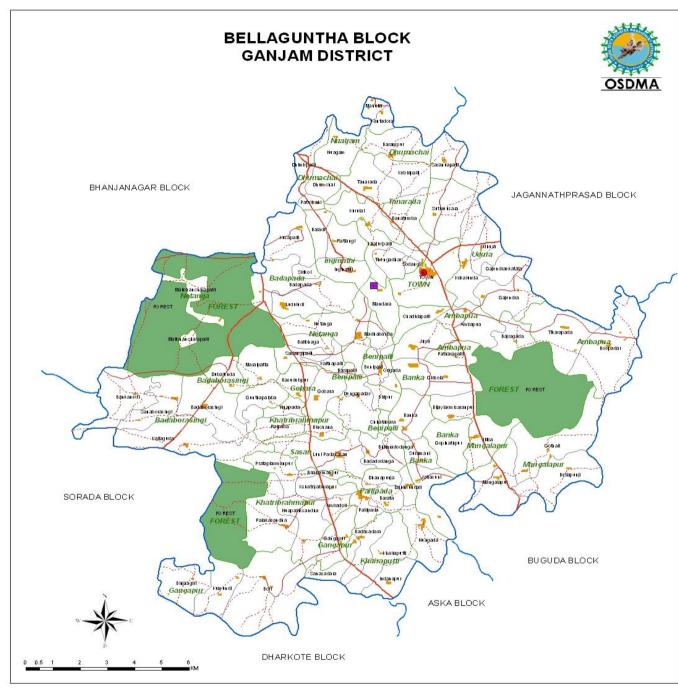








#### MAP 15: BELLAGUNTHA BLOCK



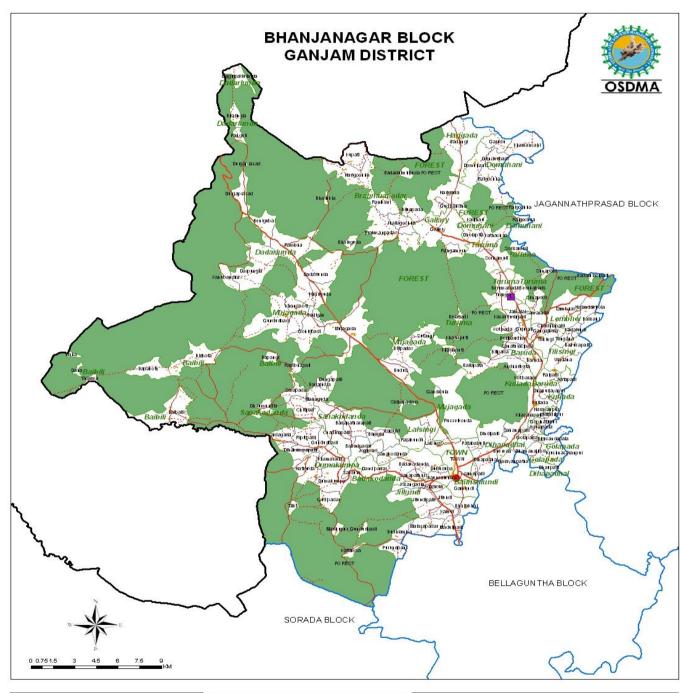






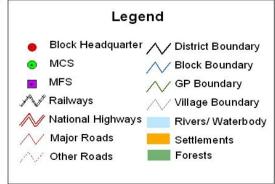


#### MAP 16: BHANJANAGAR BLOCK



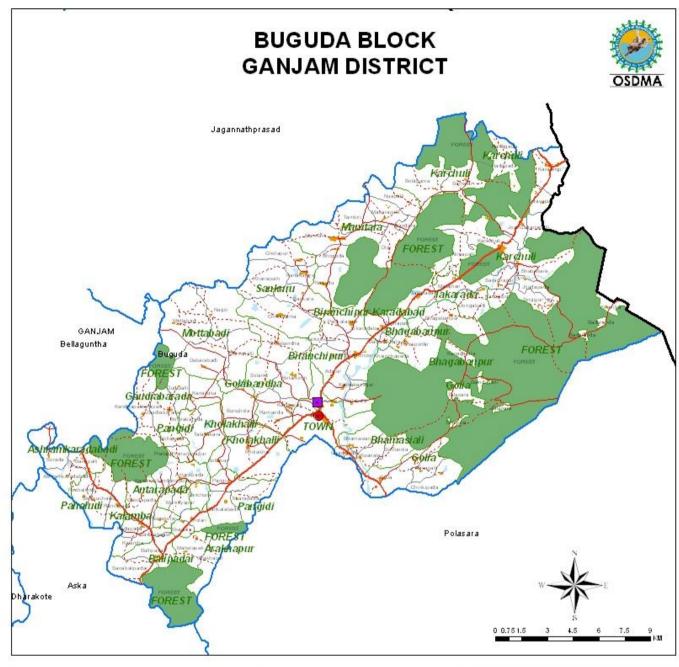




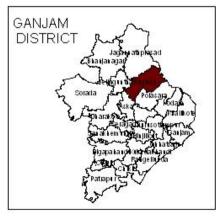




#### MAP 17: BUGUDA BLOCK



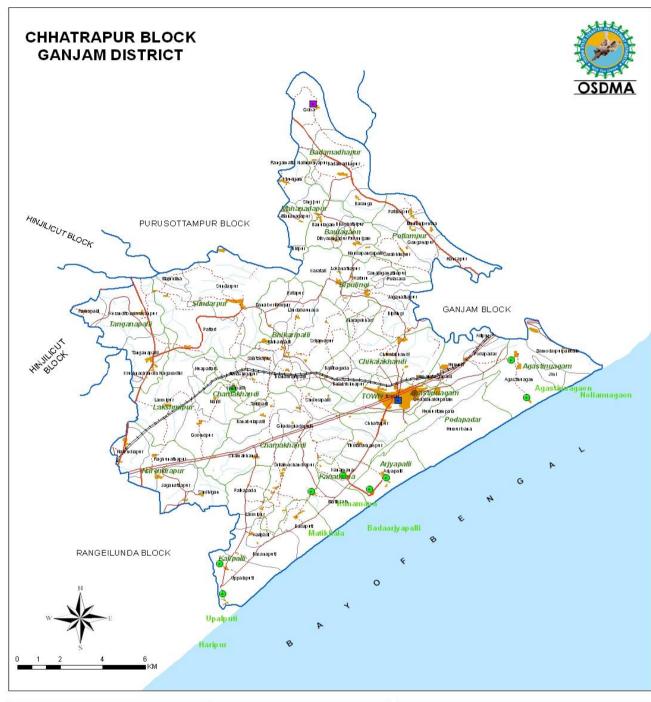








#### MAP 18: CHHATRAPUR BLOCK



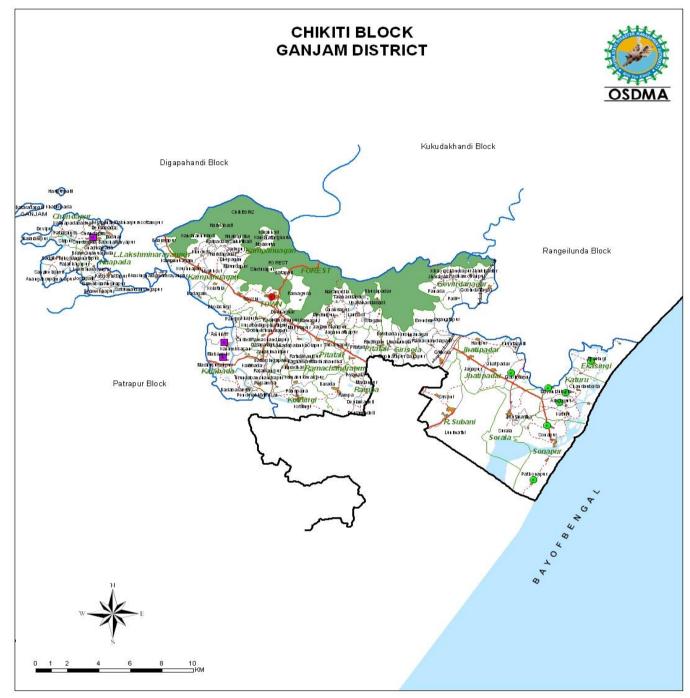






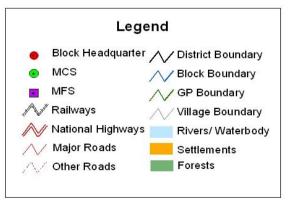


#### MAP19 - CHIKITI BLOCK



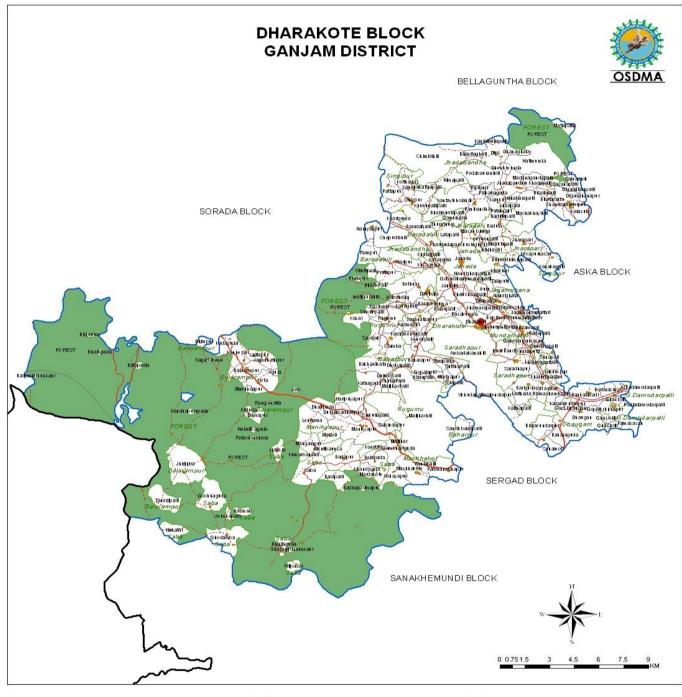






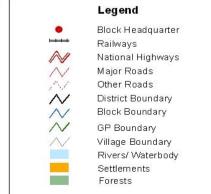


#### MAP 20: DHARAKOTE BLOCK



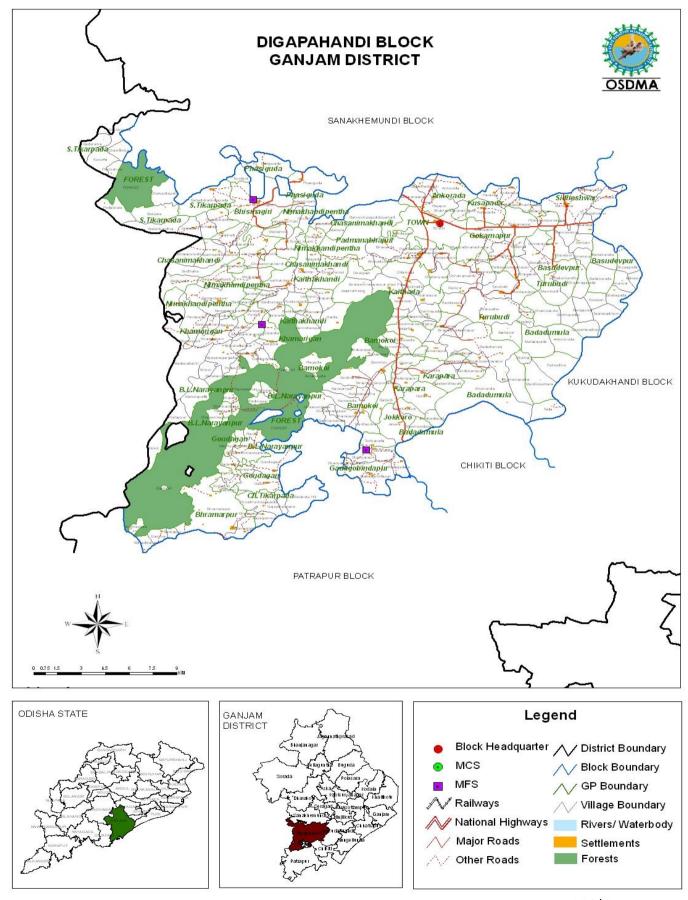






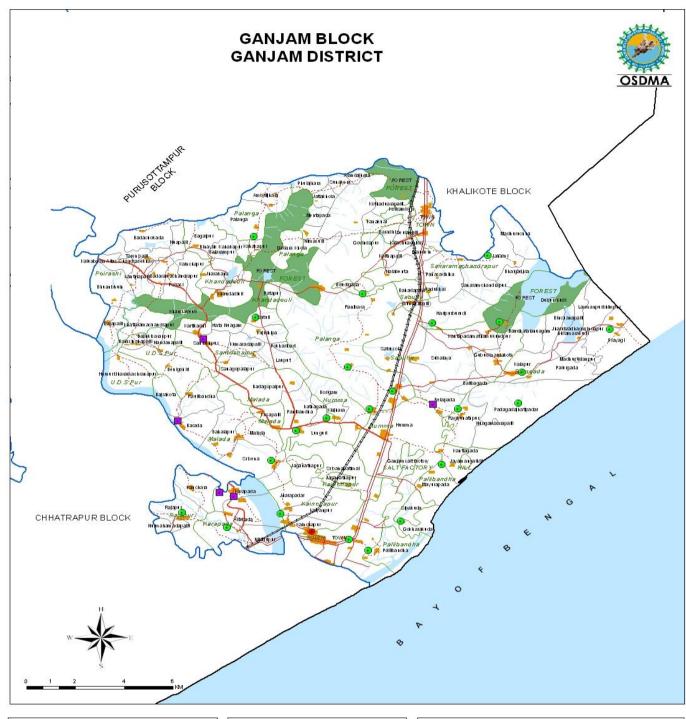


#### MAP 21: DIGAPAHANDI BLOCK





#### MAP 22: GANJAM BLOCK



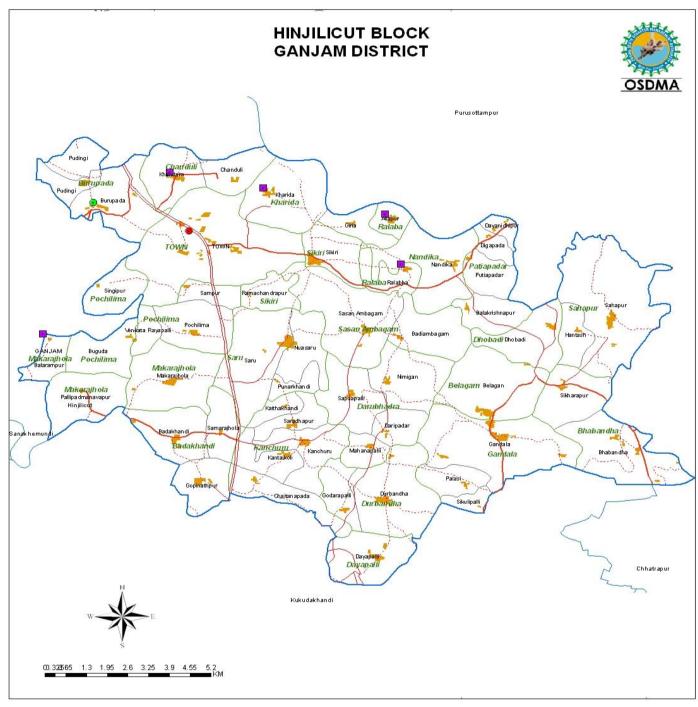








#### MAP 23: HINJILICUT BLOCK







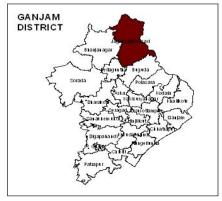


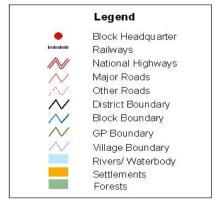


# MAP 24: JAGANNATHPRASAD BLOCK



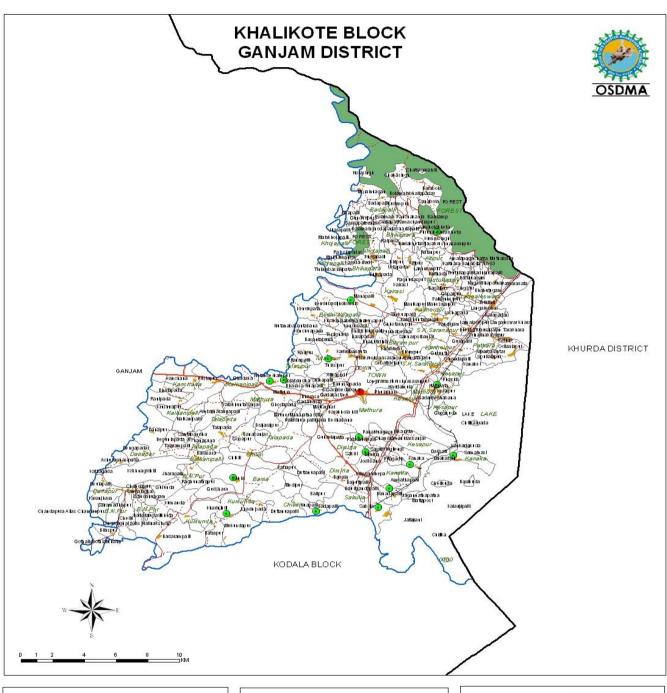




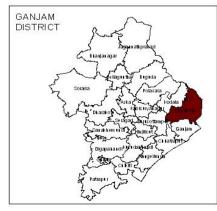




#### MAP 25: KHALIKOTE BLOCK



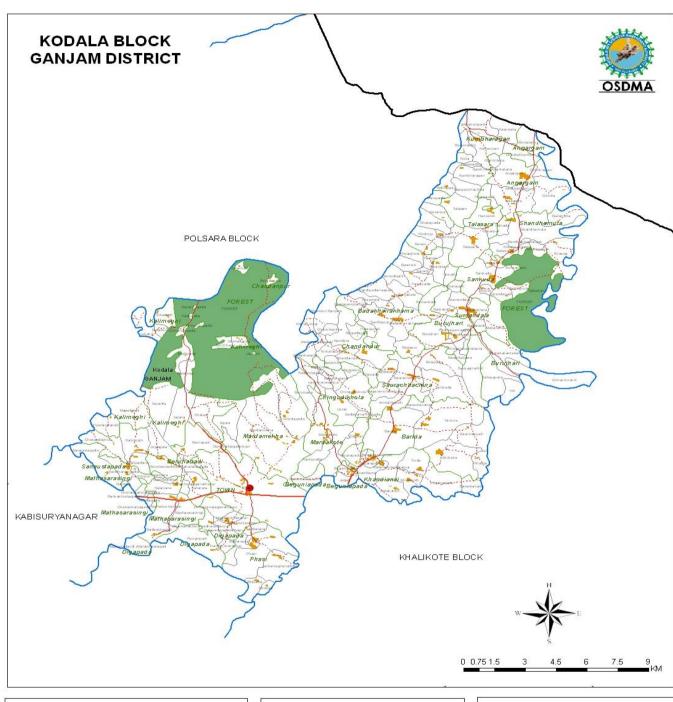








# MAP 26: KODALA BLOCK











## MAP 27: KABISURYANAGAR BLOCK



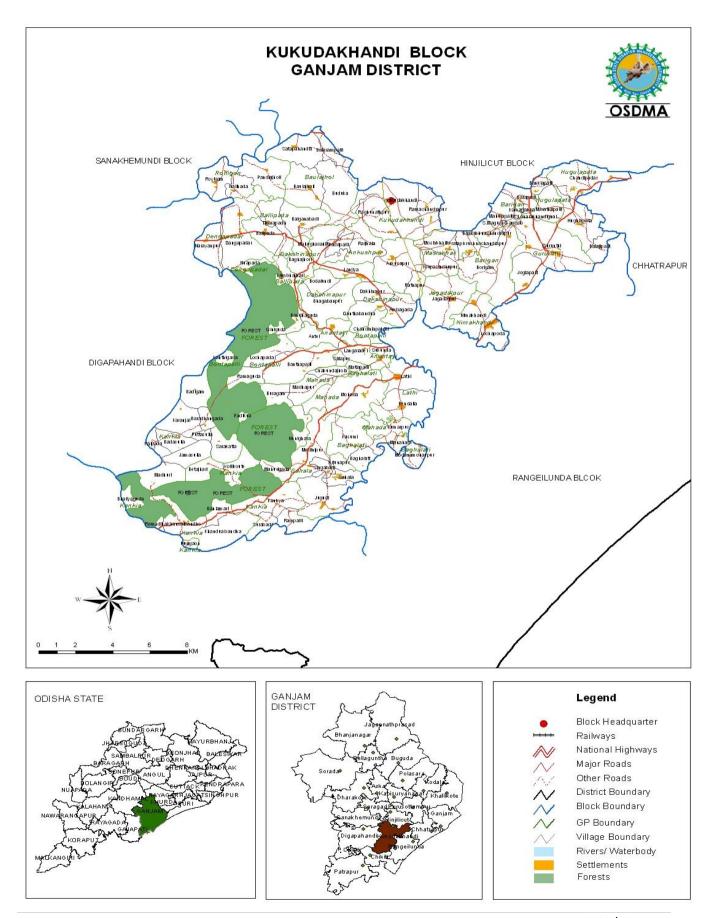






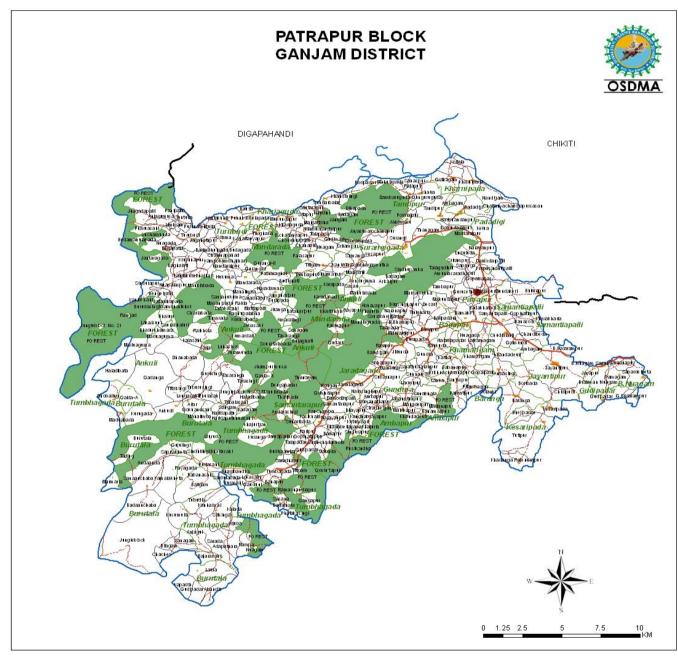


## MAP 28: KUKUDAKHANDI BLOCK

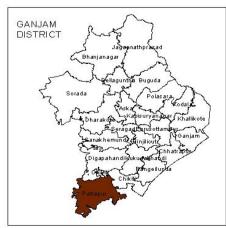




## MAP 29: PATRAPUR BLOCK



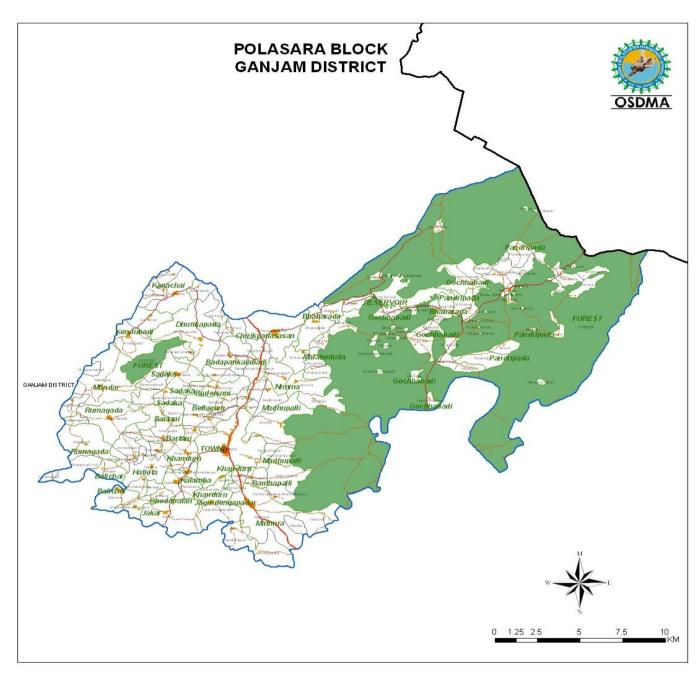








## MAP 30: POLASARA BLOCK



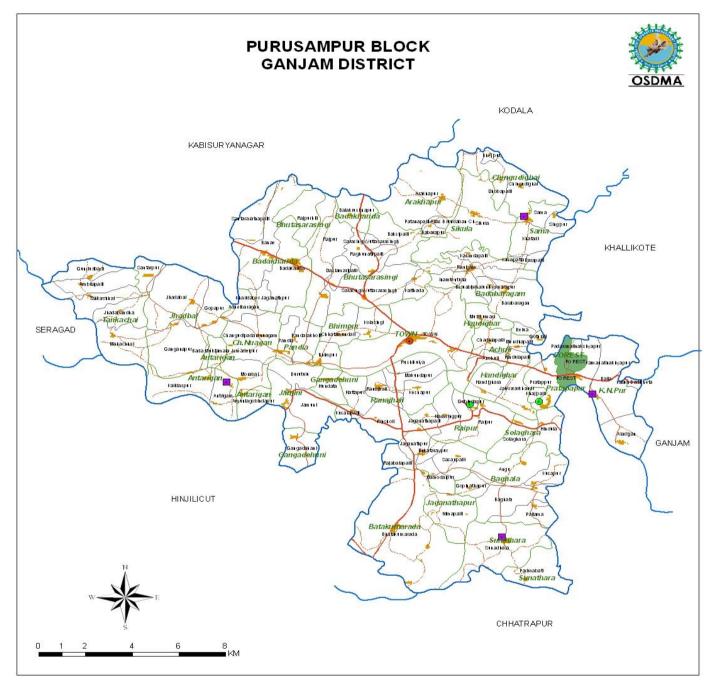








#### MAP 31: PURUSAMPUR BLOCK











## MAP 32: RANGEILUNDA BLOCK



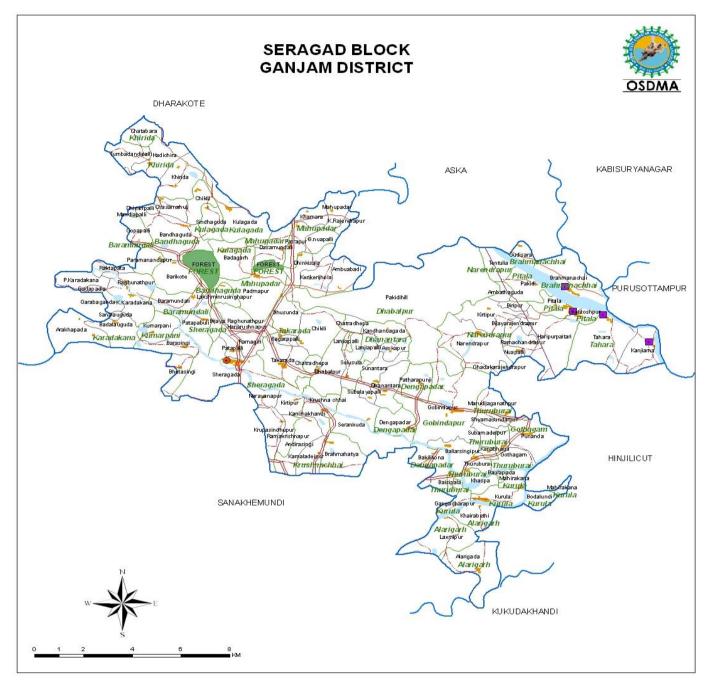








## MAP 33: SERAGAD BLOCK



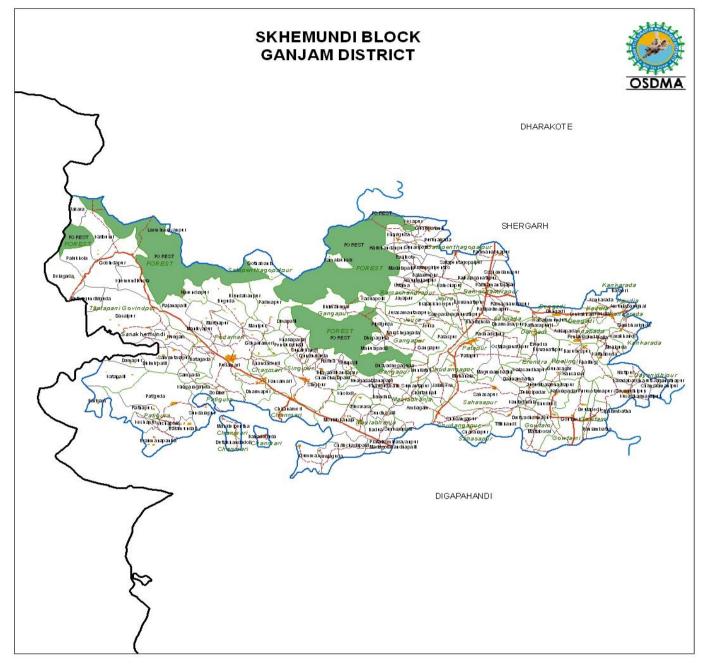




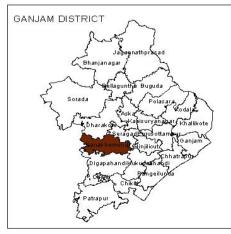




## MAP 34 - SANAKHEMUNDI BLOCK



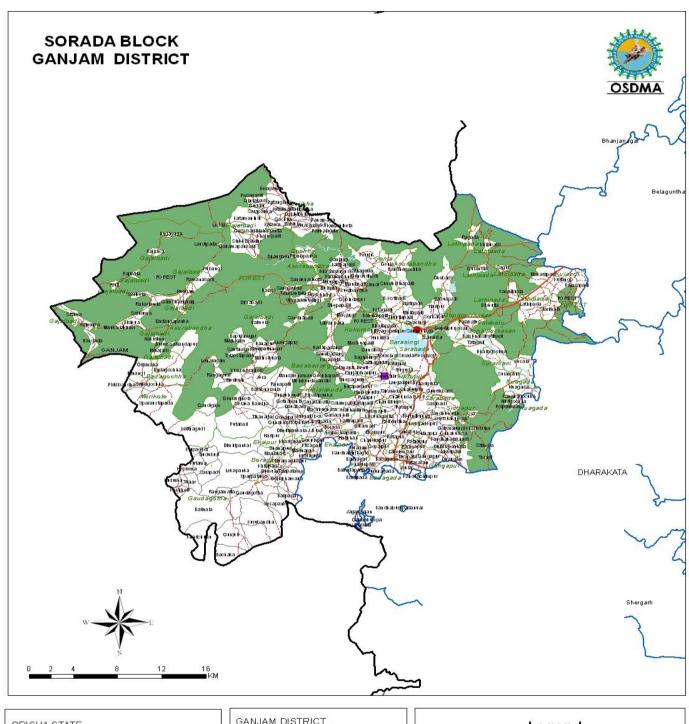








## MAP 35: SORADA BLOCK









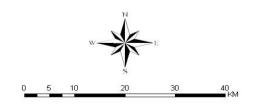


## MAP 36: GANJAM DISTRICT











# **IDRN INFORMATION**

## 5.1 Ganjam District - Indian Disaster Resource Network (IDRN) Information :

Item No - 101 Name - Gas Cutters Type - Specific Equipment Description - Gas Cutter(Oxy.acytilin e gas)	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 10Nos Item Location - W.S/ MSP/DRWC/ NTP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 101 Name - Gas Cutters Type - Specific Equipment Description - GAS CUTTER	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 1Nos Item Location - IN THE DEPTT. Available Time - January to December Source - Military Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Last updated on 8/17/2005
Item No - 101 Name - Gas Cutters Type - Specific Equipment Description - Nozzle size 1/64 with control valve	Dept Name - SARAF AGENCIES PRIVATE LIMITED Addr - Near NH-16 Bypass Contact - G.M (HR & Admin) Addr - Tel.No - 033-22485901,, Mobile - 7381072251 Fax - Email- jnayak@sarafagencies.com	Nos/Quantity Available - 2Nos Item Location - Inside factory premises Available Time - January to March Source - Private Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/2/2017
Item No - 104 Name - Electric Drill Type - Specific Equipment Description - Portable Drill Size 20 MM	Dept Name - SARAF AGENCIES PRIVATE LIMITED Addr - Near NH-16 bypass Contact - G.M (HR & Admin) Addr - Tel.No - 033-22485901,, Mobile - 7381072251 Fax - Email- jnayak@sarafagencies.com	Nos/Quantity Available - 2Nos Item Location - Inside factory premises Available Time - January to March Source - Private Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/2/2017



Item No - 104 Name - Electric Drill Type - Specific Equipment Description - Electric Drill	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (South), Berhampur- 10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680- 2291904,0680-2291905 Mobile - Fax - Email-	Nos/Quantity Available - 2Nos Item Location - EHT Maintenance Division, Berhampur Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 104 Name - Electric Drill Type - Specific Equipment Description - ELECTRIC DRILL	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 9Nos Item Location - IN THE DEPTT. 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 8/17/2005
Item No - 104 Name - Electric Drill Type - Specific Equipment Description - Electric Drill	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 2Nos Item Location - W.S 2MSP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 105 Name - Circular Saw with Diamond Blade(Electric) Type - Specific Equipment Description - Circular Saw Fixed Type	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 1Nos Item Location - W.S Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005



Item No - 106 Name - Chipping Hammer Type - Specific Equipment Description - Chipping Hammer	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 14Nos Item Location - W.S/MSP/DRWC/NTP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 106 Name - Chipping Hammer Type - Specific Equipment Description - CHIPPING HAMMER	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 1Nos Item Location - IN THE DEPTT. 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 8/17/2005
Item No - 106 Name - Chipping Hammer Type - Specific Equipment Description - Chipping Hammer	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (South), Berhampur- 10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680- 2291904,0680-2291905 Mobile - Fax - Email-	Nos/Quantity Available - 4Nos Item Location - EHT Maintenance Division, Berhampur Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - Jack with 5 ton lift	Dept Name - Orissa Fire Service Addr - Range Fire Office, Berhampur Fire Station, Berhampur Contact - R.H.Dash, DFO Addr - Range Fire Office, Berhampur Fire Station, Berhampur Tel.No - 0680-2220028,0680-2223333, Mobile - Fax - Email-	Nos/Quantity Available - 5Nos Item Location - All Fire Stations of the District Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005



1		
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - Jack with 5 Ton	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (South), Berhampur-10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680-2291904,0680 2291905 Mobile - Fax - Email-	Available Time - January to December Source - Govt
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - Hydrolic & Screw Jack	Dept Name - SARAF AGENCIES PRIVATE LIMITED Addr - Near NH-16 bypass Contact - G.M (HR & Admin) Addr - Tel.No - 033-22485901,, Mobile - 7381072251 Fax - Email- jnayak@sarafagencies.com	Nos/Quantity Available - 3Nos Item Location - Inside factory premises Available Time - January to February Source - Private Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/2/2017
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - JACK WITH 5 TON LIFT	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 1Nos Item Location - IN THE DEPTT. 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 8/17/2005
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - capasity 10 ton	Dept Name - Works Dept. Addr - Ganjam (R&B) Division- 1, Hillpatta, Berhampur Contact - Executive Engineer Addr - E.E., Ganjam (R&B) Divn, Hillpatta, Berhampur Tel. No - 0680-2205683,0680-2202007, Mobile - Fax - Email-	Nos/Quantity Available - 1Nos Item Location - Dept. store Available Time - January to December Source - Govt Operator Available- no Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - Lifting Equipment	Dept Name - ARMY AD COLLEGE Addr - Col. Rajiv Bhargav, 131 AD regt, Lt Col. R.S.Sharma, HQ Army AD Contact - [IN:928992, C/O 99 APO Addr - C/O 99APO Tel.No - 0680-2240133,, Mobile - Fax - 0680-2240133 Email- armyadcollege@yahoo.com	Nos/Quantity Available - 1Nos Item Location - ADM BTY Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 8/17/2005



		OSDINA
Item No - 115 Name - Jack with 5 ton lift Type - Specific Equipment Description - Jack with 5 ton lift	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 2Nos Item Location - W.S(Auto) Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 116 Name - Iron shod levers, 10 ft. Long Type - Specific Equipment Description - Iron Shod Levers 10ft. Long	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811-257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 2Nos Item Location - MSP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 3/24/2005
Item No - 117 Name - Sledge hammer Type - Specific Equipment Description - Sledge Hammer	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 2Nos Item Location - W.S(Auto) Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 3/24/2005
Item No - 117 Name - Sledge hammer Type - Specific Equipment Description - Sledge Hammer	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (S), Berhampur-10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680-2291904,0680 2291905 Mobile - Fax - Email-	Nos/Quantity Available - 3Nos Item Location - EHT Maintenance Division, Berhampur Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 3/24/2005
Item No - 117 Name - Sledge hammer Type - Specific Equipment Description - SL. HAMMER	Dept Name - ARMY AD COLLEGE Addr - Col. Rajiv Bhargav, 131 AD regt, Lt Col. R.S.Sharma, HQ Army AD Contact - PIN:928992, C/O 99 APO Addr - C/O 99APO Tel.No - 0680-2240133,, Mobile - Fax - 0680-2240133 Email- armyadcollege@yahoo.com	Nos/Quantity Available - 1Nos Item Location - 1484 LT AD BTY Available Time - May to September Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 8/17/2005



Item No - 117 Name - Sledge hammer Type - Specific Equipment Description - 10 Pounds	Dept Name - SARAF AGENCIES PRIVATE LIMITED Addr - Near NH-16 bypass Contact - G.M (HR & Admin) Addr - Tel.No - 033-22485901, Mobile - 7381072251 Fax - Email- jnayak@sarafagencies.com	Nos/Quantity Available - 4Nos Item Location - Inside factory premises Available Time - January to March Source - Private Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/2/2017
Item No - 117 Name - Sledge hammer Type - Specific Equipment Description - SLEDGE HAMMER	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 6Nos Item Location - IN THE DEPTT. 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 8/17/2005
Item No - 118 Name - Heavy Axe Type - Specific Equipment Description - HEAVY AXE	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 2Nos Item Location - IN THE DEPTT. Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 118 Name - Heavy Axe Type - Specific Equipment Description - HEAVY AXE (Small)	Dept Name - HOME DEPTT. Addr - SUPDT. OF POLICE, GANJAM Contact - SRI SANJAYA KUMAR, I.P.S. Addr - SUPDT. OF POLICE, GANJAM Tel.No - 06811-263366,06811- 263986,06811-263987 Mobile - Fax - 06811263266 Email-	Nos/Quantity Available - 5Nos Item Location - At Department Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 119 Name - Two handled cross cut- saw Type - Specific Equipment Description - Two Handled Cross cut- saw	Dept Name - HOME DEPTT. Addr - SUPDT. OF POLICE, GANJAM Contact - SRI R.K.SHARMA, I.P.S. Addr - SUPDT. OF POLICE, GANJAM Tel.No - 06811-263366,06811- 263986,06811-263987 Mobile - Fax - 06811263266 Email-	Nos/Quantity Available - 3Nos Item Location - At Department Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005



Item No - 119 Name - Two handled cross cut- saw Type - Specific Equipment Description - TWO HANDLED CROSS CUT-SAW	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 1Nos Item Location - IN THE DEPTT. Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 120 Name - Chain tackle Type - Specific Equipment Description - Chain Tackle	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 2Nos Item Location - MSP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 121 Name - Single sheave snatch block Type - Specific Equipment Description - Single Sheave Snatch Block	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (South), Berhampur- 10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680- 2291904,0680-2291905 Mobile - Fax - Email-	Nos/Quantity Available - 3Nos Item Location - EHT Maintenance Division, Berhampur Available Time - January to December Source - Govt Operator Available- yes Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 123 Name - Set of rope tackle ( 3 sheave - 2 sheave) Type - Specific Equipment Description - Set of rope	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (South), Berhampur- 10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680- 2291904,0680-2291905 Mobile - Fax - Email-	Nos/Quantity Available - 4Nos Item Location - EHT Maintenance Division, Berhampur Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005



Item No - 123	Dont Name Department of Atomic	Nos/Quantity Assailable 2Cats
	Dept Name - Department of Atomic	Nos/Quantity Available - 2Sets Item Location - MSP
Name - Set of rope	Energy	
tackle (3 sheave -	Addr - Indian Rare Earths Ltd.	Available Time - January to
2 sheave)	Contact - Sri Kedar Nath Panigrahi	December
Type - Specific	Addr - OSCOM Colony, IRE Ltd., Po.	Source - Govt
Equipment	Matikhalo, Ganjam-761045	Operator Available- yes
Description - Rope	Tel.No - 06811-257890,06811-	Transport - road,,,,
Tackle Set	257891,26811-257892	Prior expr in emergency- NA and
	Mobile - 9861129202	Prior training expr- NA
	Fax - 06811257988	Data entered on 3/24/2005
	Email- headireo@sancharnet.com	
Item No - 119	Dept Name - HOME DEPTT.	Nos/Quantity Available - 3Nos
Name - Two	Addr - SUPDT. OF POLICE, GANJAM	Item Location - At Department
handled cross cut-	Contact - SRI R.K.SHARMA, I.P.S.	Available Time - January to
saw	Addr - SUPDT. OF POLICE, GANJAM	December
Type - Specific	Tel.No - 06811-263366,06811-	Source - Govt
Equipment	263986,06811-263987	Operator Available- NA
Description - Two	Mobile -	Transport - road,,,,
Handled Cross cut-	Fax - 06811263266	Prior expr in emergency- NA and
saw	Email-	Prior training expr- NA
Saw	Liliali-	<b>.</b>
1, 110	D IN ADMINISTRAÇÃO	Data entered on 3/24/2005
Item No - 119	Dept Name - ARMY AIR DEFENCE	Nos/Quantity Available - 1Nos
Name - Two	COLLEGE	Item Location - IN THE DEPTT.
handled cross cut-	Addr - C/O 99 A.P.O	Available Time - January to
saw	Contact - COLONEL P.N.TRIPATHY	December
Type - Specific	Addr - ARMY AIR DEFENCE	Source - Govt
Equipment	COLLEGE,C/O 99 APO	Operator Available- yes
Description - TWO	Tel.No - 2242536-2413,2242536-	Transport - road,,,,
HANDLED CROSS	2513,2242536-2417	Prior expr in emergency- NA and
CUT-SAW	Mobile -	Prior training expr- NA
	Fax - 06802242133	Data entered on 3/24/2005
	Email-	
Item No - 120	Dept Name - Department of Atomic	Nos/Quantity Available - 2Nos
Name - Chain	Energy	Item Location - MSP
tackle	Addr - Indian Rare Earths Ltd.	Available Time - January to
Type - Specific	Contact - Sri Kedar Nath Panigrahi	December Sundary to
Equipment	Addr - OSCOM Colony, IRE Ltd., Po.	Source - Govt
Description - Chain	Matikhalo, Ganjam-761045	Operator Available- yes
Tackle	Tel.No - 06811-257890,06811-	Transport - road,,,,
I ackie		•
	257891,26811-257892	Prior expr in emergency- NA and
	Mobile - 9861129202	Prior training expr- NA
	Fax - 06811257988	Data entered on 3/24/2005
1	Email- headireo@sancharnet.com	1 1 10 11 11 11 11
Item No - 121	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 3Nos
Name - Single	Limited	Item Location - EHT Maintenance
sheave snatch	Addr - EHT(M) Circle, (South), Berhampur-	Division, Berhampur
block	10	Available Time - January to
Type - Specific	Contact - S.E. EHT (M) Circle(S)	December
Equipment	Berhampur	Source - Govt
Description - Single	Addr - Bidyutpuri Colony, Qr.No. C-1,	Operator Available- yes
Sheave Snatch	Berhampur	Transport - road,,,,
Block	Tel.No - 0680-2291905,0680-	Prior expr in emergency- NA and
	1	enp emergency Titt und



	2291904,0680-2291905 Mobile - Fax - Email-	Prior training expr- NA Data entered on 3/24/2005
Item No - 123 Name - Set of rope tackle ( 3 sheave - 2 sheave) Type - Specific Equipment Description - Set of rope	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (South), Berhampur- 10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680- 2291904,0680-2291905 Mobile - Fax - Email-	Nos/Quantity Available - 4Nos Item Location - EHT Maintenance Division, Berhampur Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 123 Name - Set of rope tackle ( 3 sheave - 2 sheave) Type - Specific Equipment Description - Rope Tackle Set	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811-257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 2Sets Item Location - MSP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 119 Name - Two handled cross cut- saw Type - Specific Equipment Description - Two Handled Cross cut- saw	Dept Name - HOME DEPTT. Addr - SUPDT. OF POLICE, GANJAM Contact - SRI R.K.SHARMA, I.P.S. Addr - SUPDT. OF POLICE, GANJAM Tel.No - 06811-263366,06811- 263986,06811-263987 Mobile - Fax - 06811263266 Email-	Nos/Quantity Available - 3Nos Item Location - At Department Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 119 Name - Two handled cross cut- saw Type - Specific Equipment Description - TWO HANDLED CROSS CUT-SAW	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 1Nos Item Location - IN THE DEPTT. Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005



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Item No - 120	Dept Name - Department of Atomic Energy	Nos/Quantity Available - 2Nos
Name - Chain	Addr - Indian Rare Earths Ltd.	Item Location - MSP
tackle	Contact - Sri Kedar Nath Panigrahi	Available Time - January to December
Type - Specific	Addr - OSCOM Colony, IRE Ltd., Po.	Source - Govt
Equipment	Matikhalo, Ganjam-761045	Operator Available- yes
Description - Chain	Tel.No - 06811-257890,06811-	Transport - road,,,,
Tackle	257891,26811-257892	Prior expr in emergency- NA & Prior
Tackie		
	Mobile - 9861129202	training expr- NA
	Fax - 06811257988	Data entered on 3/24/2005
	Email- headireo@sancharnet.com	
Item No - 121	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 3Nos
Name - Single	Limited	Item Location - EHT Maintenance
sheave snatch	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
block	Contact - S.E. EHT (M) Circle(S) Berhampur	Available Time - January to
Type - Specific	Addr - Bidyutpuri Colony, Qr.No. C-1,	December
Equipment	Berhampur	Source - Govt
Description - Single	Tel.No - 0680-2291905,0680-2291904,	Operator Available- yes
Sheave Snatch	0680-2291905	Transport - road,,,,
		•
Block	Mobile -	Prior expr in emergency- NA and
	Fax -	Prior training expr- NA
	Email-	Data entered on 3/24/2005
Item No - 123	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 4Nos
Name - Set of rope	Limited	Item Location - EHT Maintenance
tackle (3 sheave -	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
2 sheave)	Contact - S.E. EHT (M) Circle(S) Berhampur	Available Time - January to December
Type - Specific	Addr - Bidyutpuri Colony, Qr.No. C-1,	Source - Govt
Equipment	Berhampur	Operator Available- yes
Description - Set of	Tel.No - 0680-2291905,0680-2291904,	Transport - road,,,,
rope	Mobile -	Prior expr in emergency- NA & Prior
Торс	Fax -	training expr- NA
	Email-	Data entered on 3/24/2005
15 N. 100		
Item No - 123	Dept Name - Department of Atomic Energy	Nos/Quantity Available - 2Sets
Name - Set of rope	Addr - Indian Rare Earths Ltd.	Item Location - MSP
tackle (3 sheave -	Contact - Sri Kedar Nath Panigrahi	Available Time - January to December
2 sheave)	Addr - OSCOM Colony, IRE Ltd., Po.	Source - Govt
Type - Specific	Matikhalo, Ganjam-761045	Operator Available- yes
Equipment	Tel.No - 06811-257890,06811-257891,	Transport - road,,,,
Description - Rope	26811-257892	Prior expr in emergency- NA & Prior
Tackle Set	Mobile - 9861129202	training expr- NA
	Fax - 06811257988	Data entered on 3/24/2005
	Email- headireo@sancharnet.com	
Item No - 124	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 10Pair
Name - Gloves-	Limited	Item Location - EHT Maintenance
Rubber, Tested up	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
to 25, 000 volt	Contact - S.E. EHT (M) Circle(S) Berhampur	Available Time - January to December
Type - Specific	Addr - Bidyutpuri Colony, Qr.No. C-1,	Source - Govt
Equipment	Berhampur	Operator Available- yes
Description -	Tel.No - 0680-2291905,0680-2291904,	Transport - road,,,,
Gloves Rubber	0680-2291905	Prior expr in emergency- NA & Prior
	Mobile -	training expr- NA
	Fax -	Data entered on 3/24/2005
	Email-	
1		



Item No - 124 Name - Gloves-	Dept Name - SARAF AGENCIES PRIVATE	Nos/Quantity Available - 6Nos Item Location - Inside factory
Rubber, Tested up	Addr - Near NH-16 bypass	premises
	· ·	•
to 25, 000 volt	Contact - G.M (HR & Admin)	Available Time - January to March
Type - Specific	Addr -	Source - Private
Equipment	Tel.No - 033-22485901,,	Operator Available- yes
Description -	Mobile - 7381072251	Transport - road,,,,
Protect from	Fax -	Prior expr in emergency- NA and
electric Shock	Email- jnayak@sarafagencies.com	Prior training expr- NA
		Data entered on 3/2/2017
Item No - 125	Dept Name - HOME DEPTT.	Nos/Quantity Available - 2Nos
Name - Stretcher	Addr - SUPDT. OF POLICE, GANJAM	Item Location - At Department
harness (set)	Contact - SRI SANJAYA KUMAR, I.P.S.	Available Time - January to December
Type - Specific	Addr - SUPDT. OF POLICE, GANJAM	Source - Govt
Equipment	Tel.No - 06811-263366,06811-	Operator Available- yes
Description -	263986,06811-263987	Transport - road,,,,
Stretcher harness	Mobile -	Prior expr in emergency- NA and Prior
	Fax - 06811263266	training expr- NA
	Email-	Data entered on 8/12/2003
Item No - 125	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 1Set
Name - Stretcher	Limited	Item Location - EHT Maintenance
harness (set)	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
Type - Specific	Contact - S.E. EHT (M) Circle(S)	Available Time - January to
Equipment	Berhampur	December December
Description -	Addr - Bidyutpuri Colony, Qr.No. C-1,	Source - Govt
Stretcher harness	Berhampur	Operator Available- yes
Streterier narriess	Tel.No - 0680-2291905,0680-	Transport - road,,,,
	2291904,0680-2291905	Prior expr in emergency- NA and
	Mobile -	Prior training expr- NA
	Fax -	Data entered on 8/11/2003
	Email-	Data entered on 6/11/2003
Item No - 125	Dept Name - ARMY AD COLLEGE	Nos/Quantity Available - 2Nos
Name - Stretcher	Addr - Col. Rajiv Bhargav, 131 AD regt, Lt	Item Location - 1484 LT AD BTY
	Col. R.S.Sharma, HQ Army AD	
harness (set)	Contact - PIN:928992, C/O 99 APO	Available Time - April to May Source - Govt
Type - Specific	1	
Equipment	Addr - C/O 99APO	Operator Available- yes
Description -	Tel.No - 0680-2240133,,	Transport - road,,,,
STRETCHER	Mobile -	Prior expr in emergency- NA and
	Fax - 0680-2240133	Prior training expr- NA
lı 126	Email- armyadcollege@yahoo.com	Data entered on 8/17/2005
Item No - 126	Dept Name - Department of Atomic	Nos/Quantity Available - 1Nos
Name - Scaffold	Energy	Item Location - MSP
poles for sheer	Addr - Indian Rare Earths Ltd.	Available Time - January to
legs	Contact - Sri Kedar Nath Panigrahi	December
Type - Specific	Addr - OSCOM Colony, IRE Ltd., Po.	Source - Govt
Equipment	Matikhalo, Ganjam-761045	Operator Available- yes
Description -	Tel.No - 06811-257890,06811-	Transport - road,,,,
Scaffold poles for	257891,26811-257892	Prior expr in emergency- NA and
sheer legs	Mobile - 9861129202	Prior training expr- NA
	Fax - 06811257988	Data entered on 3/24/2005
	Email- headireo@sancharnet.com	



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Item No - 130	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 2Sets
Name -	Limited	Item Location - EHT Maintenance
Crescent/adjustable	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
wrenches	Contact - S.E. EHT (M) Circle(S) Berhampur	Available Time - January to
Type - Specific	Addr - Bidyutpuri Colony, Qr.No. C-1,	December
Equipment	Berhampur	Source - Govt
Description -	Tel.No - 0680-2291905,0680-2291904,	Operator Available- yes
Crescent	0680-2291905	Transport - road,,,,
adjustable	Mobile -	Prior expr in emergency- NA and
wrenches	Fax -	Prior training expr- NA
Wienches	Email-	Data entered on 3/24/2005
Itama N. 120		
Item No - 130	Dept Name - Department of Atomic Energy	Nos/Quantity Available - 10Nos
Name -	Addr - Indian Rare Earths Ltd.	Item Location - W.S/MSP/Auto
Crescent/adjustable	Contact - Sri Kedar Nath Panigrahi	Available Time - January to
wrenches	Addr - OSCOM Colony, IRE Ltd., Po.	December
Type - Specific	Matikhalo, Ganjam-761045	Source - Govt
Equipment	Tel.No - 06811-257890,06811-	Operator Available- yes
Description -	257891,26811-257892	Transport - road,,,,
Adjustable	Mobile - 9861129202	Prior expr in emergency- NA and
Wrenches	Fax - 06811257988	Prior training expr- NA
	Email- headireo@sancharnet.com	Data entered on 3/24/2005
Item No - 130	Dept Name - P.H.Engineering	Nos/Quantity Available - 1Nos
Name -	Addr - Public Health	Item Location - at dept.
Crescent/adjustable	Division, Berhampur, Ganjam	Available Time - January to
wrenches	Contact - Executive Engineer	December
	Addr -	Source - Govt
Type - Specific		
Equipment	E.E., P.H. Division, Berhampur, Ganjam.	Operator Available- yes
Description -	Tel.No - 95680-2200978,95680-	Transport - road,,,,
Adjustable	2203707,95680-2216833	Prior expr in emergency- NA and
Wrenches	Mobile -	Prior training expr- NA
	Fax -	Data entered on 3/24/2005
	Email-	
Item No - 130	Dept Name - SARAF AGENCIES PRIVATE	Nos/Quantity Available - 3Nos
Name -	LIMITED	Item Location - Inside factory
Crescent/adjustable	Addr - Near NH-16 bypass	premises
wrenches	Contact - G.M (HR & Admin)	Available Time - January to March
Type - Specific	Addr -	Source - Private
Equipment	Tel.No - 033-22485901,,	Operator Available- yes
Description - Upto	Mobile - 7381072251	Transport - road,,,,
1 inch	Fax -	Prior expr in emergency- NA and
i ilicii	Email- jnayak@sarafagencies.com	Prior training expr- NA
	Littali- Jilayak@sararagericles.com	Data entered on 3/2/2017
Itam No. 120	Don't Name Origina Fina Carrier	
Item No - 130	Dept Name - Orissa Fire Service	Nos/Quantity Available - 10Nos
Name -	Addr - Range Fire Office, Berhampur Fire	Item Location - All Fire Stations of the
Crescent/adjustable	Station, Berhampur	District
wrenches	Contact - R.H.Dash, DFO	Available Time - January to December
Type - Specific	Addr - Range Fire Office, Berhampur Fire	Source - Govt
Equipment	Station, Berhampur	Operator Available- yes
Description -	Tel.No - 0680-2220028,0680-2223333,	Transport - road,,,,
Adjustable	Mobile -	Prior expr in emergency- NA & Prior
Wrenches Light	Fax -	training expr- NA
	Email-	Data entered on 3/24/2005



Item No - 131	Dont Nama Crid Componetion of Origina	Nos/Quantity Assailable 2Cats
	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 2Sets
Name - Slotted	Limited	Item Location - EHT Maintenance
Screwdrivers	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
Type - Specific	Contact - S.E. EHT (M) Circle(S) Berhampur	Available Time - January to
Equipment	Addr - Bidyutpuri Colony, Qr.No. C-1,	December
Description -	Berhampur	Source - Govt
Slotted	Tel.No - 0680-2291905,0680-2291904,	Operator Available- yes
Screwdrives	0680-2291905	Transport - road,,,,
	Mobile -	Prior expr in emergency- NA and
	Fax -	Prior training expr- NA
	Email-	Data entered on 3/24/2005
Item No - 131	Dept Name - Department of Atomic Energy	Nos/Quantity Available - 12Nos
Name - Slotted	Addr - Indian Rare Earths Ltd.	Item Location - W.S/MSP/DRWE
Screwdrivers	Contact - Sri Kedar Nath Panigrahi	Available Time - January to
Type - Specific	Addr - OSCOM Colony, IRE Ltd., Po.	December
Equipment	Matikhalo, Ganjam-761045	Source - Govt
Description -	Tel.No - 06811-257890,06811-257891,	Operator Available- yes
Slotted	26811-257892	Transport - road,,,,
Screwdrivers	Mobile - 9861129202	•
screwarivers	Fax - 06811257988	Prior expr in emergency- NA and
		Prior training expr- NA
	Email- headireo@sancharnet.com	Data entered on 3/24/2005
Item No - 133	Dept Name - REVENUE DEPT.	Nos/Quantity Available - 40Nos
Name - Blankets	Addr - COLLECTORATE,GANJAM	Item Location - emergency office
Type - Specific	Contact - S.K.SINGH, I.AS.	Available Time - August to
Equipment	Addr - COLLECTORATE	September
Description -	,GANJAM,CHATRAPUR	Source - Govt
Blankets	Tel.No - 956811-263700,956811-263800,	Operator Available- NA
	Mobile -	Transport - road,,,,
	Fax -	Prior expr in emergency- NA and
	Email-	Prior training expr- NA
		Data entered on 3/24/2005
Item No - 133	Dept Name - ARMY AIR DEFENCE	Nos/Quantity Available - 15Nos
Name - Blankets	COLLEGE	Item Location - IN THE DEPTT.
Type - Specific	Addr - C/O 99 A.P.O	Available Time - January to
Equipment	Contact - COLONEL P.N.TRIPATHY	December Sundary to
Description -	Addr - ARMY AIR DEFENCE	Source - Govt
BLANKETS		
DLAINNETS	COLLEGE, C/O 99 APO	Operator Available- yes
	Tel.No - 2242536-2413,2242536-	Transport - road,,,,
	2513,2242536-2417	Prior expr in emergency- NA and
	Mobile -	Prior training expr- NA
	Fax - 06802242133	Last updated on 8/17/2005
	Email-	
Item No - 133	Dept Name - Department of Atomic Energy	· ·
Name - Blankets	Addr - Indian Rare Earths Ltd.	Item Location - Medical
Type - Specific	Contact - Sri Kedar Nath Panigrahi	Available Time - January to
Equipment	Addr - OSCOM Colony, IRE Ltd., Po.	December
Description -	Matikhalo, Ganjam-761045	Source - Govt
Blanket	Tel.No - 06811-257890,06811-257891,	Operator Available- NA
	26811-257892	Transport - road,,,,
	Mobile - 9861129202	Prior expr in emergency- NA and
	Fax - 06811257988	Prior training expr- NA
	Email- headireo@sancharnet.com	Data entered on 3/24/2005
	Email Headireo@sanchamet.com	Data efficied Off 3/27/2003



Item No - 133	Dept Name - ORISSA POLICE	Nos/Quantity Available - 25Nos
Name - Blankets	Addr - DIST.INTEL	Item Location - RESERVE POLICE
Type - Specific	BUREAU,BERHAMPUR Contact - SURESH PALSANIA, IPS	OFFICE
Equipment Description -	Addr - S.P. BERHAMPUR	Available Time - January to December Source - Govt
BLANKETS	Tel.No - 2201991,2201990,2205390	Operator Available- NA
DEATRICETS	Mobile -	Transport - road,,,,
	Fax - 2201991	Prior expr in emergency- NA & Prior
	Email-	training expr- NA
		Data entered on 3/24/2005
Item No - 134	Dept Name - Department of Atomic	Nos/Quantity Available - 2Nos
Name - Lifting	Energy	Item Location - W.S
tackle - 3 ton	Addr - Indian Rare Earths Ltd.	Available Time - January to December
Type - Specific	Contact - Sri Kedar Nath Panigrahi	Source - Govt
Equipment	Addr - OSCOM Colony, IRE Ltd., Po.	Operator Available- yes
Description - Lifting	Matikhalo, Ganjam-761045	Transport - road,,,,
Tackle 3 ton	Tel.No - 06811-257890,06811-	Prior expr in emergency- NA & Prior
	257891,26811-257892	training expr- NA
	Mobile - 9861129202	Data entered on 3/24/2005
	Fax - 06811257988	
It No. 125	Email- headireo@sancharnet.com	Niggi (Occupita de Accidente de Chiga
Item No - 135 Name - Chains - 6	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd.	Nos/Quantity Available - 6Nos
feet (3 ton lift)	Contact - Sri Kedar Nath Panigrahi	Item Location - W.S/MSP  Available Time - January to December
Type - Specific	Addr - OSCOM Colony, IRE Ltd., Po.	Source - Govt
Equipment	Matikhalo, Ganjam-761045	Operator Available- NA
Description -	Tel.No - 06811-257890,06811-257891,	Transport - road,,,,
Chains 6	26811-257892	Prior expr in emergency- NA & Prior
Feet(3ton lift)	Mobile - 9861129202	training expr- NA
,	Fax - 06811257988	Data entered on 3/24/2005
	Email- headireo@sancharnet.com	
Item No - 135	Dept Name - Grid Corporation of Orissa	Nos/Quantity Available - 1Nos
Name - Chains - 6	Limited	Item Location - EHT Maintenance
feet (3 ton lift)	Addr - EHT(M) Circle, (S), Berhampur-10	Division, Berhampur
Type - Specific	Contact - S.E. EHT (M) Circle(S) Berhampur	Available Time - January to December
Equipment	Addr - Bidyutpuri Colony, Qr.No. C-1,	Source - Govt
Description -	Berhampur	Operator Available- yes
Chains 6 Feet	Tel.No - 0680-2291905,0680-2291904,	Transport - road,,,,
	0680-2291905 Mobile -	Prior expr in emergency- NA & Prior
	Fax -	training expr- NA Data entered on 3/24/2005
	Email-	Data efficied off 3/24/2003
Item No - 135	Dept Name - P.H.ENGINEERING	Nos/Quantity Available - 1Nos
Name - Chains - 6	Addr - P.H.DIVISION, BERHAMPUR,	Item Location - BERHAMPUR
feet (3 ton lift)	GANJAM	P.H.STORE
Type - Specific	Contact - ER.HADIBANDHU BEHERA	Available Time - January to December
Equipment	Addr - E.E.,PH.DIVISION, BERHAMPUR	Source - Govt
Description -	Tel.No - 2200978,2203707,2216833	Operator Available- yes
CHAINS-6FT	Mobile -	Transport - road,,,,
	Fax - 257282	Prior expr in emergency- NA & Prior
	Email-	training expr- NA
		Data entered on 3/24/2005



Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - ELECTRIC GENERAOTR 30KVA	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email- Dept Name - Department of Atomic Energy	Nos/Quantity Available - 35Nos Item Location - IN THE DEPTT. 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 8/17/2005  Nos/Quantity Available - 2Nos
Name - Electric Generator (10 kv) Type - Specific Equipment Description - Electric Generator (250 KVA)	Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Item Location - S.R.P/ ARP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - Generator (Small)	Dept Name - HOME DEPTT. Addr - SUPDT. OF POLICE, GANJAM Contact - SRI R.K.SHARMA, I.P.S. Addr - SUPDT. OF POLICE, GANJAM Tel.No - 06811-263366,06811- 263986,06811-263987 Mobile - Fax - 06811263266 Email-	Nos/Quantity Available - 15Nos Item Location - At Department Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - ELECTRICAL GENERATOR(125K VA)	Dept Name - MINISTRY OF ROAD TRANSPORT & HIGHWAYS Addr - NATIONAL HIGHWAYS AUTHORIT OF INDIA Contact - SRI G.B.KAR, PROJECT DIRECTOR Addr - PIU,2818, GAJAPATI NAGAR, BERHAMPUR Tel.No - 0680-2201360,, Mobile - Fax - 06802201182 Email-	Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - 1000k BIRLA YAMAHA 2000K HONDA	Dept Name - REVENUE DEPT. Addr - COLLECTORATE,GANJAM Contact - S.K.SINGH,I.AS. Addr - COLLECTORATE ,GANJAM,CHATRAPUR Tel.No - 956811-263700,956811-263800, Mobile - Fax - Email-	Nos/Quantity Available - 2Nos Item Location - Emergency Office Available Time - January to December Source - Govt Operator Available- NA Transport - road,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005



Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - ELECTRIC GENERATOR	Dept Name - BERHAMPUR UNIVERSITY Addr - BHANJA BIHAR, BERHAMOUR- 760007 Contact - ASHOK KUMAR SAHU Addr - DEPUTY REGISTERER, BERHAMPUR UNIVERSITY Tel.No - 95680-2243040, 95680-2242172, Mobile - Fax - 956802243322 Email-	Nos/Quantity Available - 2Nos Item Location - UNIVERSITY CAMPUS Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - ELECTRIC GENERATOR	Dept Name - ARMY AD COLLEGE Addr - Col. Rajiv Bhargav, 131 AD regt, Lt Col. R.S.Sharma, HQ Army AD Contact - [IN:928992, C/O 99 APO Addr - C/O 99APO Tel.No - 0680-2240133,, Mobile - Fax - 0680-2240133 Email- armyadcollege@yahoo.com	Nos/Quantity Available - 22Nos Item Location - ADM BTY Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 8/17/2005
Item No - 141 Name - Electric Generator (10 kv) Type - Specific Equipment Description - GEN SET	Dept Name - ARMY AD COLLEGE Addr - Col. Rajiv Bhargav, 131 AD regt, Lt Col. R.S.Sharma, HQ Army AD Contact - PIN:928992, C/O 99 APO Addr - C/O 99APO Tel.No - 0680-2240133,, Mobile - Fax - 0680-2240133 Email- armyadcollege@yahoo.com	Nos/Quantity Available - 3Nos Item Location - 976 AD REGT. WKSP Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 8/17/2005
Item No - 143 Name - Bulldozers wheeled/chain Type - Specific Equipment Description - Bulldozer/ Chain	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811- 257891,26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 3Nos Item Location - Auto Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 3/24/2005
Item No - 145 Name - Earth movers Type - Specific Equipment Description - EARTH MOVERS	Dept Name - GRAM VIKAS Addr - MOHUDA ,BERHAMPUR - 760002 Contact - JOE MADIATH Addr - MOHUDA,BERHAMPUR-2 Tel.No - 06802261863,, Mobile - Fax - 06802261862 Email- info@gramvikas.org	Nos/Quantity Available - 2Nos Item Location - GRAMVIKAS, MAHUDA Available Time - January to December Source - PSUnits Operator Available- yes Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 3/24/2005



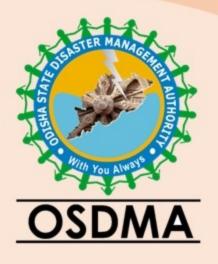
Item No - 146	Dept Name - ORISSA POLICE	Nos/Quantity Available - 1Nos
Name - Cranes -	Addr - DIST.INTEL	Item Location - RESERVE OFFICE,
Heavy Duty, Fork	BUREAU,BERHAMPUR	BERHAMPUR
type	Contact - SHRI SURESH PALSANIA, IPS	Available Time - January to December
Type - Specific	Addr - S.P. BERHAMPUR	Source - Govt
Equipment	Tel.No - 2201991,2201990,2205390	Operator Available- yes
Description -	Mobile -	Transport - road,,,,
CRANES-HEAVY	Fax - 2201991	Prior expr in emergency- NA & Prior
DETY,FORT TYPE	Email-	training expr- NA
		Data entered on 3/24/2005
Item No - 147	Dept Name - GRAM VIKAS	Nos/Quantity Available - 2Nos
Name - Tipper -	Addr - MOHUDA ,BERHAMPUR -	Item Location - GRAMVIKAS
Heavy Duty	760002	MAHUDA
Type - Specific	Contact - JOE MADIATH	Available Time - January to December
Equipment	Addr - MOHUDA,BERHAMPUR-2	Source - Govt
Description -	Tel.No - 06802261863,,	Operator Available- yes
TIPPER-HEAVY	Mobile -	Transport - road,,,,
DUTY	Fax - 06802261862	Prior expr in emergency- NA & Prior
	Email- info@gramvikas.org	training expr- NA
		Data entered on 3/24/2005
Item No - 147	Dept Name - Department of Atomic Energy	Nos/Quantity Available - 3Nos
Name - Tipper -	Addr - Indian Rare Earths Ltd.	Item Location - Auto
Heavy Duty	Contact - Sri Kedar Nath Panigrahi	Available Time - January to
Type - Specific	Addr - OSCOM Colony, IRE Ltd., Po.	December
Equipment	Matikhalo, Ganjam-761045	Source - Govt
Description -	Tel.No - 06811-257890,06811-257891,	Operator Available- yes
Tipper (Heavy	26811-257892	Transport - road,,,,
Duty)	Mobile - 9861129202	Prior expr in emergency- NA and
	Fax - 06811257988	Prior training expr- NA
	Email- headireo@sancharnet.com	Data entered on 3/24/2005
Item No - 147	Dept Name - HOME DEPARTMENT	Nos/Quantity Available - 1Nos
Name - Tipper -	Addr - HOME DEPARTMENT	Item Location - RESERVE CENTRE AT
Heavy Duty	Contact - COMMANDANT ,OSAP, 8TH	BERHAMPUR
Type - Specific	BATTALION, CHATRAPUR	Available Time - January to
Equipment	Addr - COMMANDANT	December
Description -	Tel.No - 06811260375,,	Source - Govt
TIPPER	Mobile -	Operator Available- yes
	Fax -	Transport - road,,,,
	Email-	Prior expr in emergency- NA and
		Prior training expr- NA
		Data entered on 3/24/2005
Item No - 147	Dept Name - p	Nos/Quantity Available - 2Persons
Name - Tipper -	Addr - p	Item Location - p
Heavy Duty	Contact - p	Available Time - October to December
Type - Specific	Addr -	Source - Govt
Equipment	Tel.No - p,p,p	Operator Available- NA
Description - p	Mobile - p	Transport - road,,,,
	Fax - p	Prior expr in emergency- NA & Prior
	Email- p@gmail.com	training expr- NA
		Data entered on 2/21/2017
	<u> </u>	



Item No - 148 Name - Recovery Vans Beam Type Type - Specific Equipment Description - RECOVERY VANS BEAM TYPE	Dept Name - ARMY AIR DEFENCE COLLEGE Addr - C/O 99 A.P.O Contact - COLONEL P.N.TRIPATHY Addr - ARMY AIR DEFENCE COLLEGE,C/O 99 APO Tel.No - 2242536-2413,2242536- 2513,2242536-2417 Mobile - Fax - 06802242133 Email-	Nos/Quantity Available - 1Nos Item Location - IN THE DEPTT. Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/24/2005
Item No - 150 Name - Search and Rescue Teams for Collapsed Structures Type - Human Resource Description - SEARCH & RESCHUE TEAM FOR COLLAPSED STRUCTURE	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (S), Berhampur-10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Berhampur Tel.No - 0680-2291905,0680- 2291904,06802290318 Mobile - Fax - 06802291905 Email-	Nos/Quantity Available - 1Nos Item Location - NA Available Time - January to December Source - Govt Operator Available- NA Transport - ,,,,NA Prior expr in emergency- yes and Prior training expr- yes Data entered on 3/28/2005
Item No - 150 Name - Search and Rescue Teams for Collapsed Structures Type - Human Resource Description - Search & Rescue Team for Collapsed	Dept Name - Grid Corporation of Orissa Limited Addr - EHT(M) Circle, (S), Berhampur-10 Contact - S.E. EHT (M) Circle(S) Berhampur Addr - Bidyutpuri Colony, Qr.No. C-1, Bmp. Tel.No - 0680-2291905,0680-2291904, 0680-2291905 Mobile - Fax - Email-	Nos/Quantity Available - 25Nos Item Location - NA Available Time - January to December Source - Govt Operator Available- NA Transport - ,,,,NA Prior expr in emergency- yes and Prior training expr- yes Data entered on 3/24/2005
Item No - 150 Name - Search and Rescue Teams for Collapsed Structures Type - Human Resource Description - Search & Rescue Team	Tel.No - 06811-263366,06811- 263986,06811-263987	Nos/Quantity Available - 27Persons Item Location - NA Available Time - January to December Source - Govt Operator Available- NA Transport - ,,,,,NA Prior expr in emergency- yes & Prior training expr- yes Data entered on 3/28/2005
Item No - 155 Name - Lifebuoy Type - Specific Equipment Description - Lifebuoy	Dept Name - Department of Atomic Energy Addr - Indian Rare Earths Ltd. Contact - Sri Kedar Nath Panigrahi Addr - OSCOM Colony, IRE Ltd., Po. Matikhalo, Ganjam-761045 Tel.No - 06811-257890,06811-257891, 26811-257892 Mobile - 9861129202 Fax - 06811257988 Email- headireo@sancharnet.com	Nos/Quantity Available - 5Nos Item Location - D&WC Available Time - January to December Source - Govt Operator Available- yes Transport - road,,,, Prior expr in emergency- NA and Prior training expr- NA Data entered on 3/28/2005



Item No - 155 Name - Lifebuoy Type - Specific Equipment Description - LIFE	Dept Name - HOME DEPARTMENT Addr - HOME DEPARTMENT Contact - COMMANDANT ,OSAP, 8TH BATTALION, CHATRAPUR Addr - COMMANDANT	Nos/Quantity Available - 20Nos Item Location - RESERVE CENTRE AT BERHAMPUR Available Time - January to December Source - Govt
BUOY	Tel.No - 06811260375,, Mobile -	Operator Available- yes Transport - road,,,,
	Fax - Email-	Prior expr in emergency- NA & Prior training expr- NA Data entered on 3/28/2005
Item No - 155 Name - Lifebuoy Type - Specific Equipment Description - Life Buoy	Dept Name - ODARAF, Chatrapur Addr - OSAP, 8th Battalion, Chatrapur, Ganjam Contact - Commandanat Addr - OSAP, 8th Battalion, Chatrapur, Ganjam Tel.No - 06811 - 260375,, Mobile - Fax - Email-	Nos/Quantity Available - 20Nos Item Location - Chatrapur Available Time - January to December Source - Govt Operator Available- NA Transport - road,,,, Prior expr in emergency- NA & Prior training expr- NA Data entered on 7/22/2005



#### State Office:

# ODISHA STATE DISASTER MANAGEMENT AUTHORITY GOVERNMENT OF ODISHA

9<sup>TH</sup> FLOOR, RAJIV BHAWAN, BHUBANESWAR Telephone: 0674-2395398, 2391871, Email: osdma@osdma.org

#### District Office:

# DISTRICT DISASTER MANAGEMENT AUTHORITY GANJAM, ODISHA

COLLECTORATE (EMERGENCY SECTION), CHHATRAPUR-761020 Telephone: 06811-263978, Email: ganjam.deoc@gmail.com

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