



BLOCK DISASTER MANAGEMENT PLAN (BDMP)

2024-25

RAYAGADA

**PREPARED BY: BLOCK DISASTER MANAGEMENT COORDINATION
COMMITTEE, RAYAGADA**

PANCHAYAT SAMITI, RAYAGADA, DISTRICT: GAJAPATI

**SUBMITTED TO DISTRICT DISASTER MANAGEMENT AUTHORITY, GAJAPATI
&
ODISHA STATE DISASTER MANAGEMENT AUTHORITY, OSDMA**





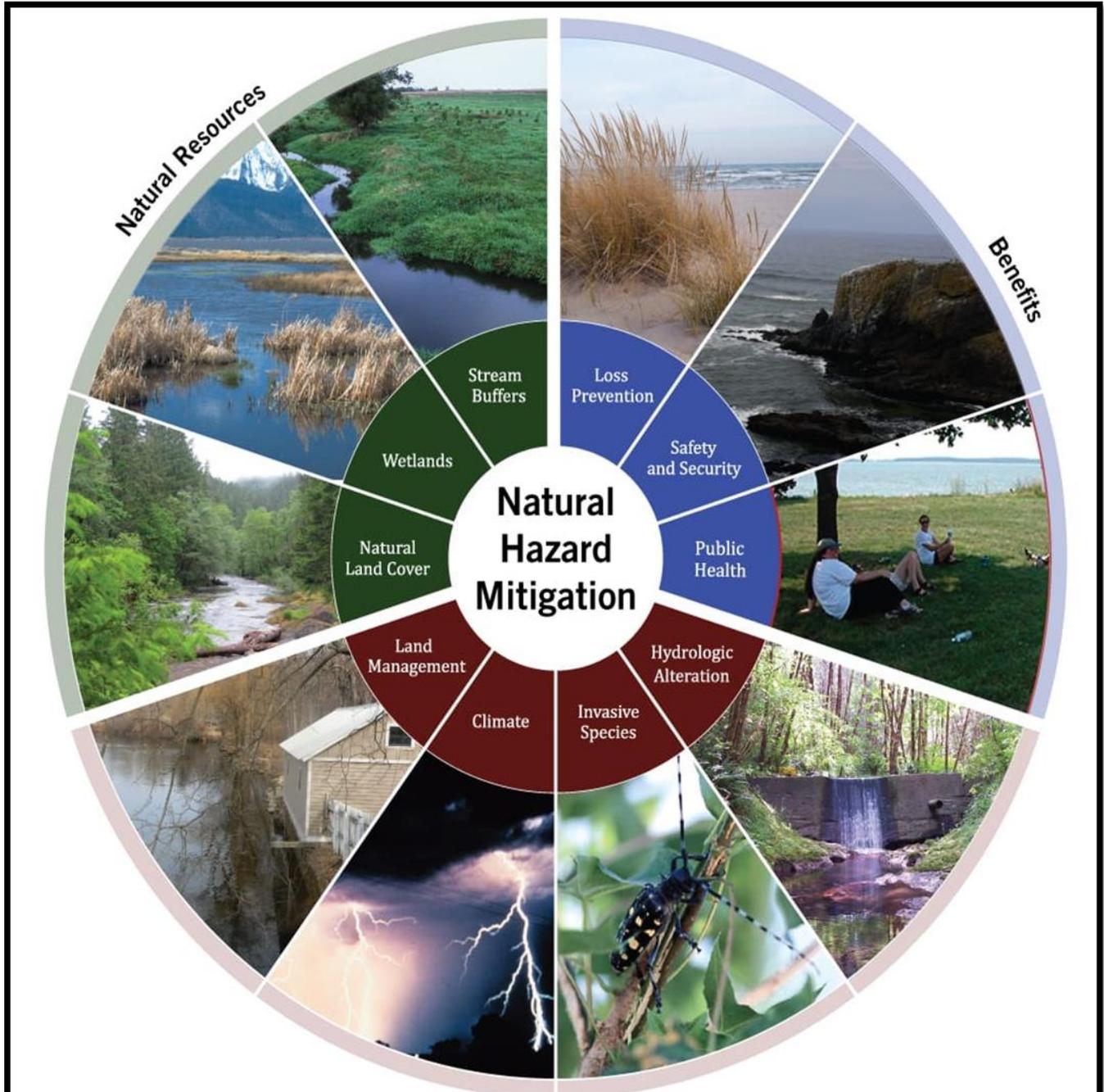


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This EnviroAtlas eco-wheel was created by Jessica Jahre, EPA contractor

NATURAL DISASTERS



Tornado



Drought



Earthquake



Flood



Windstorm



Avalanche



Volcano



Forest fire



Tsunami



Sandstorm



Hurricane



Dust storm



Snowstorm



Thunderstorm



Hailstorm



Sinkhole

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Sri Sudhir Kumar Singh
O.A.S-(I) S.B
B.D.O, Rayagada



MESSAGE



I am extremely happy to present the Block Disaster Management Plan (BDMP) for the year 2024-2025 of Rayagada block which has been updated with adding new information and data on it as per prescribed formats. The plan aims and objective is to reduce potential loss of life and property in disasters as well as ensuring strong preparedness responses and recovery measuring to manage any disaster situation at Rayagada block of Gajapati district. The plan has been prepared for strengthening awareness and involvement in the implementation disaster management of the said plans for quick response of the stakeholders in the event of disasters/hazards at block level. Disaster Management plan is not the responsibility of the institution only but all the stakeholders of Government institution and non-Government organizations.

Each and every part of the world faces variety of disasters from time to time. At any moment some part of the earth and its habitants are attacked with some kind of disasters, Gajapati District is a multi-hazard district. Time and again it is affected by flood, landslide, drought, bush fire cyclone Rayagada block of Gajapati district also been witnessed to variety of disaster like – incessant flood, and Cyclone.

I do express my sincere thanks to all block officials, DDMA, Gajapati, for all their constant effort and support to update Rayagada block disaster management plan. The BDMP has critically planned for inclusion of all aspects (response, recovery, capacity development, mitigation and management) chapter wise. There is other many important functions to be fulfilled during the occurrence of disasters to make a disaster management plan successful. After a long thought, team work has been created, where head-to-head responsibility has been decided. All the line departments have been given details of Resource Inventories, geographical conditions & skilled man power to manage possible disaster in Rayagada block.

Block Development Officer,
Rayagada, Gajapati

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ABBREVIATION

AAO	Assistant Agriculture Officer
AWC	Anganwadi Center
ASHA	Accredited Social health Activists
ANM	Auxiliary nurse midwife
ADM	Additional District Magistrate
BAO -	Block Agriculture Officer
BPL	Below Property Line
BDMP	Block Disaster Management Plan
CBDM	Community Based Disaster Management
CBOs	Community Based Organizations
CDVO	Chief District Veterinary Officer
CHC	Community health center
CSCs	Community Service Centre's
CC	Climate Change
DDMA	District Disaster Management Authority
DDMP	District Disaster Management Plan
DM	District Magistrate
DM	Disaster Management
DM ACT,2005	Management Act, 2005
DEOC	District Emergency Operations Centre
EO	Emergency Officer
GIS	Geographic Information System
GPDMP –	Gram Panchayat Disaster Management Plan
GOI -	Government of India
GPDMP –	Gram Panchayat Disaster Management Plan
VVRA	Hazard Vulnerability Risk Assessment
MIS	Management Information System
NCC	National Cadet Corps
NCDM	National Committee on Disaster Management
NDMA	National Disaster Management Authority
NDRF s	National Disaster Mitigation Resource Centers
NDRF	National Disaster Response Force
NSS	National Service Scheme
NYK	Nehru Yuva Kendra
NGOs	Non-Governmental Organizations
NBC	Nuclear, Biological and Chemical
PRIs	Panchayati Raj Institutions
PEO	Panchayat Executive Officer
PHC	Primary health center
OSDMA	Odisha State Disaster Management Authority

BLOCK AT A GLANCE

SI No.	Particulars	Unit (in Numbers)
1.	Gram Panchayat	21
2.	Revenue Village	211
3	RI Circle	7
4.	Police Station	02
5	Fire stations	Rayagada (03 Km far from BHQ)
6.	Railway Stations	Paralakhemundi (34 Km far from BHQ)
7	Community Health Centre (CHC)	1
8	Primary Health Centre (PHC)	03
9	Any other Govt./Pvt. Hospital	00
10.	Sub-Centre (SC)/ Health Wellness Centre	23
11.	Veterinary Hospital	01
12.	LI Point	
13.	Primary School	69
14	Upper Primary School	18
15	High School	21
16	Colleges	04
17	Other Govt./Pvt. Educational Institutions	4
18	Residential Schools	18
19	Multi-purpose Cyclone/Flood Shelter	02
20	Child Care Institution	0
21	Old Age Home	0
22	Common Service Centre/E-Sahajoga Kendra	Common Service Center- 21 Mo Seba Kendra - 15

RIVER & CANAL SYSTEM

(Add a paragraph on the major river and canal system in and around the Block.)

River & waterbody

Sl. No	Name of the river/Waterbody	Remarks
01	Mahendratanaya	The River Mahendratanaya is an important of southern Odisha flowing river between Rushikulya & Godavari in Odisha & Andhra Pradesh. The river flows through seven gram panchayat of Rayagada block named Koinpur(GP, Laxmipur GP, Jeerango GP, S.Karadasing GP, Rayagada GP, Sanatundi GP and Karadasing GP at the end of Border of Gosani Block Gajapati dist of Odisha.
02	Canal system we need to analyze	NA

CHAPTER-I

1.1 Overview of the Block

Rayagada block is one the CD (Community Development) block out of 7 blocks Gajapati district, latitude and longitude of block Rayagada is 18.973341 and 84.156321 respectively. The Rayagada block boundaries touches to Gosani block, Gumma block, Nuagada block & R.Udayagiri block. People of this block predominately depend upon the agriculture and allied activities for their livelihood. As per the 2011 total population of block is 71721 & OBC are the dominating community residing in the block



1.2 Area and administrative division

The block came to form in the year 1961, block has 21 Gram Panchayat, 07 RI circle and 211 revenue villages. The distance of block from the district head quarter is 32 KM by road. The block is vulnerable in disaster like heavy rainfall, landslide, cyclone and forest fire. There 07 no of GP's situated on the bank of river Mahendratanya.

1.3 Demographic Details:

Sl. No	Name of the GP	No of villages	Total Number of HH	Total Population
1	Ameda	9	449	2106
2	Dombala	9	888	3642
3	Engarsing	4	564	2457
4	Gangabada	24	661	2950
5	Gandahati	17	1266	5629
6	Jeerango	13	1276	5652
7	Jallango	14	583	2486
8	Karadasing	23	1271	5359
9	Kerandi	9	304	1425
10	Koinpur	24	971	4654
11	Kumulasing	5	452	2010
12	Lailai	11	799	3158
13	Laxmipur	14	781	3599
14	Loba	4	571	2514
15	Marloba	10	787	3340
16	Narayanpur	7	811	3226
17	Puttar	15	775	3386
18	Rayagada	6	1070	5450
19	S.Karadasing	18	906	3573
20	Sanatundi	8	718	3072
21	Talamunda	5	544	2390
Total		251	16337	71721

Sources – Block administration

1.4 Rainfall (Annually)

Sl	Month	Normal Rainfall (in mm)	Actual Rainfall (in mm)			
			2021	2022	2023	2024
1	January	-	60	20.2	Nil	Nil
2	February	-	Nil	Nil	Nil	14
3	March	-	Nil	13.06	68	42
4	April	-	29	46	76	27
5	May	-	92	87.09	55.08	126.04
6	June	-	106.4	150.8	128.4	211
7	July	-	273.7	253.2	3	316
8	August	-	180.4	291.7	126.01	281
9	September	-	412.2	241.8	191.05	-
10	October	-	188.4	151	Not Available	-
11	November	-	114.9	Nil	Not Available	-
12	December	-	58.6	2	Not Available	-
		Total	1515.6	1256.85	647.54	1017.04

Sources – Block Administration

NB.: Highest rain fall Recorded (in one day)

1. Rain Recording station –

1.5 Month wise Highest and Lowest Temperature recorded in the Block (Last Year)

Sl. No	Month	Maximum Temperature (in Centigrade)	Minimum Temperature (in Centigrade)
AT BLOCK LEVEL ONLY RAIN RECORDING STATION INSTALLED NOT TEMPERATURE RECORDING STATION			

1.6 TOPOGRAPHY

1.6.1 Geographical Area (in Hect.):

Sl. No	Name of GP	Agricultural Land (acre)	Grazing land (Acre)	Forest Land (Acre)	Others	Total area
01	Ameda	152.241	73.101	233.449	651.655	1110.446
02	Dombala	359.422	17.733	27.103	1507.206	1911.464
03	Engarsing	480.174	7.478	6.057	125.369	619.078
04	Gangabada	92.074	116.770	117.963	5299.994	5626.801
05	Gandahati	496.654	21.014	231.875	1268.120	2017.663
06	Jeerango	404.596	56.329	26.115	112.325	599.365
07	Jallango	105.715	20.319	274.380	110.022	510.436
08	Karadasing	1060.976	57.926	229.572	680.667	2029.141
09	Kerandi	65.216	4.216	3.231	1769.576	1842.239
10	Koinpur	301.518	157.494	123.410	125.321	707.743
11	Kumulasing	98.15	42.674	226.974	588.435	956.233
12	Lailai	158.002	24.896	36.121	92.567	311.586
13	Laxmipur	386.109	41.703	48.981	23.564	500.447
14	Loba	316.951	6.765	25.247	1081.120	1430.083
15	Marloba	180.091	23.527	147.747	794.471	1145.836
16	Narayanpur	1052.3	33.292	97.075	1975.469	3158.136
17	Puttar	528.628	57.225	91.223	1441.570	2118.646
18	Rayagada	362.58	7.134	63.675	4925.730	5359.119
19	S.Karadasing	391.918	125.615	398.867	806.194	1722.594
20	Sanatundi	290.275	64.058	448.338	77.281	879.952
21	Talamunda	179.539	22.305	129.473	552.129	883.446

Sources – Tahasil office, Rayagada

1.6.2 Land Holding Pattern: (No. of HH)

SI No.	GP Name	Large Farmers	Marginal farmers	Small Farmers	Agricultural laborers/ Share Croppers	Landless	Total
01	Ameda	5	168	54	17	93	337
02	Dombala	8	373	67	35	165	648
03	Engarsing	4	129	26	12	43	214
04	Gangabada	4	235	31	18	221	509
05	Gandahati	19	537	72	120	547	1295
06	Jeerango	12	513	88	130	451	1194
07	Jallango	9	190	60	45	193	497
08	Karadasing	30	838	144	200	404	1616
09	Kerandi	3	157	29	7	53	249
10	Koinpur	8	426	60	32	143	669
11	Kumulasing	5	221	52	17	98	393
12	Lailai	8	245	65	46	203	567
13	Laxmipur	8	372	73	26	88	567
14	Loba	7	364	55	27	90	543
15	Marloba	7	275	70	86	317	755
16	Narayanpur	13	340	62	108	401	924
17	Puttar	10	324	82	6	37	459
18	Rayagada	8	472	66	220	505	1271
19	S.Karadasing	10	371	78	30	85	574
20	Sanatundi	10	345	69	40	272	736
21	Talamunda	6	268	50	12	36	372
Total		194	7163	1353	1234	4445	14389

Sources – Tahasil Office, Rayagada

1.6.3 Cropping Pattern:

Sl.No	Name of the GP	Type of Crops (Ravi/ /Kharif/ Zaid)	Area Cultivated (in Hect.)	Area under Crop insurance (in Hect.)
1	Ameda	Paddy,Ragi,Maize,	184	7.58
2	Dombala	Paddy,Maize	281.8	16.57
3	Engarsing	Paddy,Ragi	129	17.76
4	Gangabada	Paddy,Ragi	56	0
5	Gandahati	Paddy,Mung,Biri,Groundnut	886.4	104.64
6	Jeerango	Paddy,Ragi	477.6	33.2
7	Jallango	Paddy	626	5.66
8	Karadasing	Paddy,Cotton,Pulses,Sunflower	971.5	108.51
9	Kerandi	Paddy,Ragi	119	4.36
10	Koinpur	Paddy,Ragi,Maize	546.6	7.32
11	Kumulasing	Paddy,Cotton	631	17.1
12	Lailai	Paddy,Ragi	278.4	2.45
13	Laxmipur	Paddy,Ragi,Maize	311	34.65
14	Loba	Paddy	371.2	6.42
15	Marloba	Paddy,Cotton	626	10.77
16	Narayanpur	Paddy,Biri	871.4	103.02
17	Puttar	Paddy,Maize	516	27.29
18	Rayagada	Paddy,Cotton	581.6	33.69
19	S.Karadasing	Paddy,Ragi	468	3.58
20	Sanatundi	Paddy,Cotton	926.5	41.55
21	Talamunda	Paddy,Ragi	236	12.53

Sources – Block Agriculture Office, Rayagada

1.6.4 Livelihood Details:

Name of the Block	Total house holds	Agriculture	Wage labour	Horticulture	Fisherman	Petty Business	Others (specify)
Rayagada	16803	6643	7993	1443	434	1238	1467

Sources Block MGRNEGS Cell/Horticulture/Agriculture Office

1.6.6 Housing Pattern (Updated data may be sourced from PMAY Cell)

Sl. No.	Name of Gram Panchayat	Type of Houses			
		No. of Kuchha Houses	No. of Semi Pucca Houses	No. of Pucca Houses	Total
1	Ameda	103	41	305	449
2	Dombala	252	51	636	939
3	Engarsing	583	231	19	333
4	Gangabada	161	50	512	723
5	Gandahati	1363	438	97	828
6	Jeerango	1342	426	66	850
7	Jallango	601	238	18	345
8	Karadasing	318	180	773	1271
9	Kerandi	375	20	25	320
10	Koinpur	1072	101	101	870
11	Kumulasing	452	170	18	264
12	Lilai	860	5	61	794
13	Laxmipur	905	21	124	760
14	Loba	620	122	49	449
15	Marloba	801	203	14	584
16	Narayanpur	823	521	12	290
17	Puttar	808	137	33	638
18	Rayagada	1130	622	60	448
19	S.Karadasing	57	178	812	1047
20	Sanatundi	746	201	28	517
21	Talamunda	178	27	366	571

1.6.7 Drinking Water Sources

Sl. No.	Name of the GP	Tube well	Over Head Tanks	PWS	Mega PWS	Others (Solar DP)
1	Ameda	15	1	1	1 Mega Projec t for 21 G. Ps	-
2	Dombala	37	2	1		-
3	Engarsing	21	0	0		-
4	Gangabada	47	0	0		-
5	Gandahati	76	3	3		-
6	Jeerango	57	3	3		-
7	Jallango	17	0	0		-
8	Karadasing	73	3	3		-
9	Kerandi	23	0	0		-
10	Koinpur	49	2	2		-
11	Kumulasing	43	2	1		-
12	Lailai	16	0	0		-
13	Laxmipur	34	0	0		-
14	Loba	22	2	2		-
15	Marloba	25	1	1		-
16	Narayanpur	39	4	3		-
17	Puttar	45	5	5		-
18	Rayagada	46	2	1		-
19	S.Karadasing	22	0	1		-
20	Sanatundi	32	0	0		-
21	Talamunda	23	1	1		-

Sources – RWSS, Rayagada

1.6.8 Infrastructure

Sl.	Name of the GP	PDS Outlets	Post Offices	Police Station/	Pucca buildings	SDH/CHC	PHC	Dispensary	Cyclone/flood Shelters	Educational Institutions				Livestock centers	Cottage Industries	Industries	Godown	Bank	AWC	RI Office
										PS	UPS	High	College							
1	Ameda	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	8	-
2	Dombala	1	1	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	13	1
3	Engarsing	1	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	8	-
4	Gangabada	1	1	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	10	1
5	Gandahati	1	1	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	15	1
6	Jeerango	1	1	1	-	-	1	-	-	1	-	1	-	1	-	-	-	-	13	1
7	Jallango	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	13	-
8	Karadasing	1	1	-	-	-	-	-	-	4	-	1	-	1	-	-	-	-	20	-
9	Kerandi	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	9	-
10	Koinpur	1	1	-	-	-	1	-	1	2	-	1	-	1	-	-	-	-	18	-
11	Kumulasing	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	8	-
12	Lilal	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	10	-
13	Laxmipur	1	1	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	16	-
14	Loba	1	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	8	-
15	Marloba	1	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	12	1
16	Narayanpur	1	1	-	-	-	-	-	-	1	-	1	1	1	-	-	-	1	8	1
17	Puttar	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	12	-
18	Rayagada	1	1	1	-	1	-	-	-	2	-	2	1	-	-	-	-	2	12	1
19	S.Karadasing	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	8	-
20	Sanatundi	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	11	-
21	Talamunda	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	7	-

Sources – Department Concern

1.6.9 Industries:

Sl.No	Name of the GP	Name of the Industries	Type of industry	Manpower employed	Infrastructure available	Chemicals used	Production
1	Ameda	-	-	-	-	-	-
2	Dombala	Jeebit Kumar Edla	Micro Proprietorship	1	Available	No	Tailoring-cum-Readymade garments
3	Engarsing	-	-	-	-	-	-
4	Gangabada	-	-	-	-	-	-
5	Gandahati	-	-	-	-	-	-
6	Jeerango	Sunanda Samal	Micro Proprietorship	1	Available	No	Tailoring-cum-Readymade garments
7	Jallango	-	-	-	-	-	-
8	Karadasing	-	-	-	-	-	-
9	Kerandi	-	-	-	-	-	-
10	Koinpur	-	-	-	-	-	-
11	Kumulasing	-	-	-	-	-	-
12	Lailai	-	-	-	-	-	-
13	Laxmipur	-	-	-	-	-	-
14	Loba	-	-	-	-	-	-
15	Marloba	-	-	-	-	-	-
16	Narayanpur	M/S: Satyashiva Welding Prop: Ananda Dandia	Micro Proprietorship	2	Available	Varnish Red Oxide Primer	Steel Furniture/Welding
		M/S: Bijayalaxmi Modern Rice Mill Prop: Routu Phalguna Rao	Micro Proprietorship	22	Available	No	Rice Mill
		M/S: Gayatri Atta Chaki Prop: Sarathi Sabar	Micro Proprietorship	1	Available	No	Atta Chaki
		M/S: Chandra Sekhar Amma Rice Mill Prop: R.Janaki Rao	Micro Proprietorship	20	Available	No	Rice Mill
		Gayatri Cashew Industry	Micro Proprietorship	25	Available	No	Cashew
17	Puttar	-	-	-	-	-	-
18	Rayagada	Arun Kumar Das	Micro Proprietorship	2	Available	No	Paper Cups & Plates
		M/S: Kiran Tailor Prop: Dillip Bebart	Micro Proprietorship	1	Available	No	Readymade Garments
		Nirakar Behera	Micro Proprietorship	3	Available	No	Automobile Garage
		Prasadini Paika	Micro Proprietorship	2	Available	No	Agarbati
		M/S: Maa Mangala Engineering Workshop Prop: Rajendra Kumar Sahu	Micro Proprietorship	12	Available	Varnish Red Oxide Primer	Steel Furniture/Welding
		Sanyasi Paika	Micro Proprietorship	2	Available	No	Cement Concrete Products
		M/S: Lipun Hotel Prop: Somanath Paika	Micro Proprietorship	2	Available	No	Fast Food Hostel

		Sesadeba Raula	Micro Proprietorship	2	Available	No	Xerox & Studios
18	Rayagada	M/S: Simadhri Gold Works Prop: Simadri Jayaram Achary	Micro Proprietorship	4	Available	No	Gold & Silver Ornaments
		Udayanath Sahu	Micro Proprietorship	3	Available	No	Juice Centre
		M/S: Bijay Fabricxation Prop: Ahsok Lima	Micro Proprietorship	5	Available	No	Grill & Gate/ Furniture
19	S.Karadasing	-	-	-	-	-	-
20	Sanatundi	-	-	-	-	-	-
21	Talamunda	-	-	-	-	-	-

Sources GPs

1.6.10 Financial Institutions (Banks):

Sl. No	Name of the GP	Name of the Bank	Location and Contact person	Contact Number
01	Rayagada	Canara Bank	Rayagada, B.M-Ritesh Kumar	9437579562
02	Rayagada	State Bank of India	Rayagada, B.M-Ramesh Kumar Behera	7008040584
03	Narayanpur	Utkal Grameen Bank	Narayanpur, B.M-Nayan Kumar Nayak	9937906235
04	Dombala	Ama Bank	Dombala CSC, Amaresh Bhuyan	9827431135
05	Koinpur	Ama Bank	Koinpur CSC, Somanath Badanayak	9439424119
06	Jallango	Ama Bank	Rayagada, CSC, Muralidhar Karjee	9777100258
07	Marloba	Ama Bank	Marloba CSC, Nahur Singh	9777038967
08	Lailai	Ama Bank	Lailai CSC, Gurunath Bhuyan	8260918310
09	Jeerango	Ama Bank	Jeerango CSC, Daniel Sabar	9827317565
10	Kerandi	Ama Bank	Kerandi CSC, Sumanti Sabar	8280978015
11	Ameda	Ama Bank	Ameda CSC, Tapaswini Gamango	8763351326
12	Loba	Ama Bank	Loba CSC, Sangha Mitra Mandal	9827782615

Sources – OLM Section, Rayagada

6.11 Communication network-

Sl. No	Type of alternate communication	Name & Address of the Contact person	Telephone Number
1	VHF station	Reena Rani Sahu, IIC	8144129199
2	HAM amateur radio stations	NA	
3	DMR Radio	NA	
4	Others (If any)		

Sources- Police Station, Rayagada

11.7 Major/ Medium/Minor Irrigation Facility:

Sl. No	Name of the Project	Block	Location of the Project with Latitude			Location of the Project with Longitude			Ayacut in Hect.	
Minor Irrigation Facility:										
1	Ambagacha Bandha	Rayagada	15	57'	57"	84	09'	34"	45.0	
2	Kalamatia Nalla	Rayagada	18	57'	54.30"	84	09'	53"	50.0	
3	Kureisingi	Rayagada	19	02'	21.21"	84	07'	37.73"	147.59	
4	Laxmipur	Rayagada	19	00'	22"	84	09'	57"	123.04	
5	Sanasada	Rayagada	18	59'	13"	84	16'	39.29"	164.0	
	Minor Irrigation		TOTAL							

(Sources – Irrigation department)

1.8 Other Irrigation Facilities and Sources:

Name of the Block	No. of LI points	Remarks
Rayagada	-	-

CHAPTER-II

HAZARD & VULNERABILITY ANALYSIS

2.1 History of Disasters

Name of the GP:

Sl No	Types of Hazards like Flood, Cyclone etc.	Year of Occurrence	GPs Affected (Numbers)	Types of Loss				
				Human	Live-stock	Crop	Houses	Infrastructure
1.	Phailine	2013	-	-	-	-	-	-
2.	HudHud	2014	-	-	-	-	-	-
3.	Titili	2018	21	16	NA	NA	4492	NA
4.	Fani	2021	-	-	-	-	-	-
5.	Gulab	2021	-	-	-	-	-	-
6.	Asani	2022						
NB.	Provide details of disasters occurred in the last 20 years including the local disasters.							

2.2 Seasonality of Hazard

Type of Hazards	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flood												
Drought												
Landslide												
Forest fire												
Drowning												
Cyclone												

2.3 Risk Assessment

Type of Hazards	Time of Occurrence	Potential Impact (Numbers)			Vulnerable areas (Name of the GPs)
		GP	Village	Population	
Flood	Very Heavy Rain	4	7	Entire Population	
Cyclone	May to October	21	75	Entire Population	Baraghara (Gangabada GP) & Mada (Koinpur GP)

2.3 Risk Assessment

Type of Hazards	Time of Occurrence	Potential Impact (Numbers)			Vulnerable areas (Name of the GPs)
		GP	Village	Livestock Population (acc. To 2018 Livestock Census)	
Flood	very heavy Rain	4	07		
Land Slide	June to July	5	20		Gamgabada, Kerandi, Koinpur, Laxmipur, Lailai
Cyclone	May to October	21	75		
Snake bite	-	-	-		
Drowning	-	-	-		

2.4.0 Food security

SL NO	NAME OF THE GP	TOTAL NO OF HOUSEHOLDS	CATEGORY	
			NFSA	SFSS
1	Ameda	513	505	8
2	Dombala	959	921	38
3	Engarsing	476	455	21
4	Gangabada	602	595	7
5	Gandahati	1282	1208	74
6	Jeerango	1181	1132	49
7	Jallango	555	532	23
8	Karadasing	1386	1313	73
9	Kerandi	353	344	9
10	Koinpur	1143	1109	34
11	Kumulasing	473	441	32
12	Lilai	854	850	4
13	Laxmipur	1102	1077	25
14	Loba	803	772	31
15	Marloba	990	941	49
16	Narayanpur	809	763	46
17	Puttar	889	865	24
18	Rayagada	1105	1042	63
19	S.Karadasing	871	861	10
20	Sanatundi	980	928	52
21	Talamunda	612	594	18
	TOTAL	17938	17248	690

2.4.1. No of Households under Food security:

Sl. No	Total Number of HH	Category	
		NFSA	SFSS
1	17938	17248	690

(Supply Inspector, Rayagada)

2.4.2 No of person under Social Security scheme

Sl. No	Name of the GP	Old age Pension	Disability pension	Widow Pension	Transgender	Others (Specify)
1	Ameda	142	44	92	0	21
2	Dombala	317	62	145	0	43
3	Engarsing	121	20	76	0	5
4	Gangabada	140	34	104	0	0
5	Gandahati	489	89	257	0	33
6	Jeerango	274	118	299	0	14
7	Jallango	145	58	121	0	11
8	Karadasing	414	120	267	0	20
9	Kerandi	90	16	96	0	0
10	Koinpur	245	115	218	0	12
11	Kumulasing	214	68	60	0	15
12	Lailai	314	69	168	0	9
13	Laxmipur	313	81	154	0	4
14	Loba	226	64	148	0	25
15	Marloba	214	113	141	0	23
16	Narayanpur	299	88	134	1	20
17	Puttar	216	51	138	0	26
18	Rayagada	277	102	190	0	17
19	S.Karadasing	207	96	203	0	14
20	Sanatundi	282	85	142	0	22
21	Talamunda	135	63	125	0	31

(Sources – BSSO, Rayagada)

2.4 Vulnerability (Provide Numbers in the table. The detail list to be annexed)

2.5.1 Cyclone

Sl.No	Name of the GP	No of Villages	No of Fisherman Habitation	Population	Distance from the Sea	Remarks
1	21	-	Not Applicable	Whole block	-	Not Applicable

2.5.2 Flood

Sl. No	High			Medium			Low		
	Name of the GP	No of Villages	Population	Name of the GP	No of Villages	Population (Affected)	Name of the GP	No of Villages	Population
1	-	-	-	-	-	-	Gandahati GP	01	560

NB- During Titili Cyclone-2018 low

Agriculture and Flood Vulnerability

Sl. No.	Name of the Block/ULB	Cultivable Area (Hectares)		Area susceptible to Flood (Hectares)	
		Paddy	Non Paddy	Paddy	Non Paddy
1		-	-	-	-

2.5.4 Area Specific Disaster

Sl.No	Disaster	Name of the GP/ULB	No of Villages	Population	Remarks
1	Drought	-			
2	Lightning	All GPs	All Village	Entire Population	
3	Forest Fire	-			
4	Land slide	5	20	3221	
5	Flood	1	1	560	
6	Snake Bite	All GPs	All Village	Entire Population	
7	Cyclone	All GPs	75	21516	

2.5.5 Vulnerability (Provide Numbers in the table. The detail list to be annexed)

SI	Particulars	Flood	Cyclone	Forest Fire	Landslide	Snake Bite	Lightning	Drought
1.	Gram Panchayat	1	21	0	5	21	21	0
2.	Revenue Village	1	75	-	20	211	211	-
3	Educational Institutions/ Residential Schools	-	5/8	-	1	-	-	-
4	Anganwadi Centers	-	-	-	-	-	-	-
5	Special Schools	-	00	-	-	-	-	-
6	Health institutions	-	-	-	-	-	-	-
7	Woman Care Centers/Maa Griha	-	-	-	-	-	-	-
8	Orphanage	-	-	-	-	-	-	-
9	Child Care Institution	-	-	-	-	-	-	-
10	Old Age Home	-	-	-	-	-	-	-

[Vulnerability may be mapped taking into consideration the geographic location]

2.5 List of Embankments:

List of Embankments:

-Sl. No	Name of the Embankments	Type of Embankments	Length of Embankments (In Km)
1	Not Available	-	-

Sources –PWD. Department

2.7 River Carrying Capacity;

Name of the River	Gauge Station	Warning Level (in Mts.)	Danger Level (in Mts.)	Highest Flood Level (in Mts)
Not Applicable	-	-	-	-

Sources – Irrigation

CHAPTER-III **RESOURCE & CAPACITY ANALYSIS**

3.1 Resource Inventory/ Capacity Analysis:

3.1.1 Transportation

Resource Type	Details	Numbers	Agency/Association name	Contacts with Telephone No.
<i>Transportation and Communication</i>	BUS	-	-	-
	Truck	-	-	-
	Boats	<i>Not Applicable</i>		
	Ambulance	<i>02 numbers 102/108</i>	<i>CHC, Rayagada</i>	
	Country boat	<i>Not Applicable</i>		

3.1.2 Water Supply (RWSS)

Resource Type	Details	Numbers	Agency/Association name	Contacts with Telephone No.
<i>Drinking water</i>	Tanker	<i>02</i>	<i>RWSS Deptt. Tanker & Rayagada GP Tanker</i>	<i>8763976844 & 8249810359</i>
	Over Head Tanks	<i>0</i>		
	Genset	<i>0</i>		

3.1.3 Debris & Road Clearance

Resource Type	Details	Numbers	Agency/ Association name	Contacts with Telephone No.
<i>Cleaning and Cutting Equipment's</i>	Chain Saw Machine	<i>21 @ 01 no.s per GP Office</i>	<i>PEO of each GP</i>	
	ProKlins /JCB	<i>15</i>	-	-
	Debris/Road Clearance Equipment	-	-	-

3.1.4 Other Resources

Resource Type	Details	Numbers	Agency/Association name	Contacts with Telephone No.
Other Resources	Tower light	1	1nos issued from Paralakhemundi Collector Office	SO-Chinmayee Prasad Behera Mob-8249319754 LFM-Tapan Gouda Mob-8249665382
	Gen sets	0		
	Pump set	2	Rayagada Fire station	

3.2. Transportation Facilities:

Sl.	Name of the GP	Bus Owners Association	No. of Bus	Truck Owners Association	No. of Trucks	Boat Owners Association	No. of Boats	Tractor
1	21	NA	NA	NA	NA	NA		

SL NO	NAME OF THE GP	TYPE OF STORAGE STRUCTURE	LOCATION (VILLAGE/ GP)	CAPACITY (IN QNTL)	CONTACT PERSON (Jogan Sahayak)	ADDRESS AND PHONE NO	REMARKS (GOVT/ PVT)
1	Ameda	Godown	GP Office		Laxmikant Bhuyan	Ameda Ph-9438332740	Govt.
2	Dombala	Godown	GP Office		Laxmikant Bhuyan	Dombala Ph-9438332740	Govt.
3	Engarsing	Godown	GP Office		Saul Lima	Engarsing Ph-8895148304	Govt.
4	Gangabada	Godown	GP Office		Mangala Bhuyan	Gangabada Ph-8895379005	Govt.
5	Gandahati	Godown	GP Office		Ganapati Dalai	Gandahati Ph-7894503987	Govt.
6	Jeerango	Godown	GP Office		Dema Raita	Jeerango Ph-8280548589	Govt.
7	Jallango	Godown	GP Office		Kota Suresh	Garabandha Ph-8144570493	Govt.
8	Karadasing	Godown	GP Office		Ganapati Dalai	Karadasing Ph-7894503987	Govt.
9	Kerandi	Godown	GP Office		Newton Paricha	Kerandi Ph-8658211611	Govt.
10	Koinpur	Godown	GP Office		Saul Lima	Koinpur Ph-8895148304	Govt.
11	Kumulasing	Godown	GP Office		Kumarsanu Paricha	Kumulasing Ph-9438336653	Govt.
12	Lailai	Godown	GP Office		Ranjit Sabar	Lailai Ph-8018199370	Govt.
13	Laxmipur	Godown	GP Office		Prasant Sabar	Laxmipur Ph-9439685112	Govt.
14	Loba	Godown	GP Office		Maheswar Badamundi	Loba Ph-7655934600	Govt.
15	Marloba	Godown	GP Office		Kumarsanu Paricha	Marloba	Govt.

SL NO	NAME OF THE GP	TYPE OF STORAGE STRUCTURE	LOCATION (VILLAGE/ GP)	CAPACITY (IN QNTL)	CONTACT PERSON (Jogan Sahayak)	ADDRESS AND PHONE NO	REMARKS (GOVT/ PVT)
						Ph-9438336653	
16	Narayanpur	Godown	GP Office		Rabisankar Behera	Narayanpur Ph-8658299442	Govt.
17	Puttar	Godown	GP Office		Surendra Gamango	Puttar Ph-8895961732	Govt.
18	Rayagada	Godown	GP Office		Dhabaleswar Behera	Rayagada Ph-8018067837	Govt.
19	S.Karadasing	Godown	GP Office		Saul Lima	S.Karadasing Ph-8895148304	Govt.
20	Sanatundi	Godown	GP Office		Chakradhar Sabar	Sanatundi Ph-7656865738	Govt.
21	Talamunda	Godown	GP Office		Newton Paricha	Talamunda Ph-8658211611	Govt.

3.4-Health

Health Facility

Sl. No.	Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in charge	Oxygen Cylinder	Oxygen Concentrator	Life Saving Drugs	Ambulance
1	Kumulasing(Abasing SC)	SC/HWC	3	9439984156	0	0	No	0
2	Sanatundi (Champapur SC)	SC/HWC	2	9439984160	0	0	No	0
3	Dombala SC	SC/HWC	1	9439984172	0	0	No	0
4	Gandahati SC	SC/HWC	2	9439984165	0	0	No	0
5	Gangabada SC	SC/HWC	3	9439985716	0	0	No	1
6	Jallango SC	SC/HWC	2	6370196230	0	0	No	0
7	Jeerango SC	SC/HWC	2	9439984153	0	0	No	0
8	Karadasing SC	SC/HWC	2	9439984162	0	0	No	0
9	Kerandi SC	SC/HWC	3	7655801690	0	0	No	0
10	Koinpur SC	SC/HWC	1	9439984174	0	0	No	0
11	Karadasing (Krushnapur SC)	SC/HWC	3	9439984161	0	0	No	0
12	Laxmipur SC	SC/HWC	2	8456834084	0	0	No	0

Sl. No.	Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in charge	Oxygen Cylinder	Oxygen Concentrator	Life Saving Drugs	Ambulance
13	Loba SC	SC/HWC	2	9861667184	0	0	No	0
14	Marloba SC	SC/HWC	3	7682904775	0	0	No	0
15	Gandahati (Muligumma SC)	SC/HWC	2	7606854058	0	0	No	0
16	Narayanpur SC	SC/HWC	4	9439984167	0	0	No	0
17	Puttara SC	SC/HWC	3	9439985711	0	0	No	0
18	Jeerango (Raghunathpur SC)	SC/HWC	2	9439985166	0	0	No	0
19	Rayagada SC	SC/HWC	2	9439984158	0	0	No	0
20	Engarsing (Sanasada SC)	SC/HWC	2	9439984173	0	0	No	0
21	S.Karadasing (Sankuruda SC)	SC/HWC	3	8280232857	0	0	No	0
22	Talamunda SC	SC/HWC	2	9439984170	0	0	No	0
23	Koinpur (Tumbo SC)	SC/HWC	1	9439984177	0	0	No	0
24	Jeerango	PHC/HWC	8	8763414085	1	6	Yes	1
25	Koinpur	PHC/HWC	7	7377733690	1	6	Yes	0
26	Loba	PHC/HWC	4	8763654772	1	6	Yes	0
27	Rayagada	CHC	23	9778868519	42	6	Yes	1

3.5 Police Stations

Police Station	Name of the G.P (Location)	Staff Available	Name and Contact number of IIC
Rayagada	Rayagada	Inspector - 01 Sub inspector – 02 ASI - 02 Havildar-01 Constable - 09 Home guard- 22	Reena Rani Sahu, IIC 8144129199

3.6 Multipurpose Cyclone/Flood Shelter with capacity: OSDMA Dedicated shelter

Sl. No.	Name of the GP	Type of shelter	Capacity (Room & Plinth Area)	Location	Contact Person (Address & Phone no.)	Facilities Available	Remarks (Single or Double)
1	Koinpur	Multi Cyclone Flood Shelter	6rooms	Subhadrapur	9827338094	Drinking water- Yes Toilet- Yes Power Back Up-No	Single, Electricity Not Connection
2	Gangabada	Multi Cyclone Flood Shelter	5rooms	Baraghar	9437658930	Drinking water- Yes Toilet- Yes Power Back Up-No	Single, Electricity Connection

3.7 Identified safe shelters (single/Double storied) with capacity:

Sl.No.	Name of the GP	Type of shelter	Capacity (Room & Plinth Area)	Location	Contact Person (Address & Phone no.)	Facilities Available (Drinking water Toilet Power Back up Others)	Remarks (Single or Double)
1	Puttar	Pucca House	100 Nos 20x15=300x4=1200sft	UPS Puttar 4no Room	Surendra Gamango (J.S) Phone No-9827158829	1. Drinking Water-Available. 2. Toilet-Available. 3. Power Back-up-Available. 4. Wood cutter-Available	
	Puttar	Pucca House	60 Nos 30x15=450sft 15x10=150sft 30x10=300sft	BNRG SK Building Puttar	Senapati Sabar (PEO) Phone No-9040558704 Ramesh Ch. Pani (GRS) Phone No-8018037785		
2	Gandahati	Pucca House	8 Rooms 240x8=1920sft	Gandahati High Scho	Soumyaranjan Sahu (H.M) Phone No-8327716247	1. Drinking Water-Available. 2. Toilet-Available. 3. Power Back-up- Not Available.	
	Gandahati	Pucca House	3 Rooms 300x3=900sft	Muligumma UP School	Purusottam Behera (H.M) Phone No-7008737145		
3	Engarsing	AWC & School Building	3700sft	Engarsing	Surendra Behera Phone No-8249504155	1.Tubewell-Available 2. Open well - Available 3. Drinking water-Available	
4	S.Karadasing	AWC & School Building	6500sft	S.Karadasing	Debadata Nayak Phone No-9439039615	1.Tubewell-Available 2. Open well - Available 3. Drinking water-Available	

Sl.No.	Name of the GP	Type of shelter	Capacity (Room & Plinth Area)	Location	Contact Person (Address & Phone no.)	Facilities Available (Drinking water Toilet Power Backup Others)	Remarks (Single or Double)
5	Karadasing	Primary School	2Rooms 1200sft	Tudumul	Laxman Sabar (HM) Phone No-943913294 1	1.Tubewell-Available 2. Drinking water-Available	
	Karadasing	BNRGSK Building	1Rooms 800sft	Karadasing	P.Kiran Kumar (PEO) Phone No-850025976 7	1. Bore well - Available 2. Drinking water-Available	
	Karadasing	AWC	600sft	Burjee	Damayanti Bhuyan (AWW) Phone No-774981075 7	1.Tubewell-Available 2. Drinking water-Available	
6	Ameda	High School	600sft	Ameda	Bigneswar Sahoo (HM) Phone No-876378189 8	1.Tubewell-Available 2. Drinking water-Available	
7	Dombala	Pucca		Munising (Jambasahi)	Sanjukta Gamango, Phone No-845206401 2	1. Drinking water-Available	Single
8	Dombala	Pucca		Mandalsahi, Tentulisahi	Sunita Kingal, Phone No-943807261 5	1. Drinking water-Available	Single
9	Dombala	Pucca		Munising	Nandini Gamango, Phone No-943933835 0	1. Drinking water-Available	Single
10	Dombala	Pucca		Sogao n-1	Parbati Gamango, Phone No-828074514 4	1. Drinking water-Available	Single

Sl.No.	Name of the GP	Type of shelter	Capacity (Room & Plinth Area)	Location	Contact Person (Address & Phone no.)	Facilities Available (Drinking water Toilet Power Backup Others)	Remarks (Single or Double)
11	Dombala	Pucca		Sogao n-2	Manjula Bhuyan, Phone No-8480542439	1. Drinking water-Available	Single
12	Dombala	Pucca		Mandalsahi	Snehalata Karjee, Phone No-8895228104	1. Drinking water-Available	Single
13	Dombala	Pucca		Mureisahi	Subhadra Bhuyan, Phone No-8763146830	1. Drinking water-Available	Single
14	Dombala	Pucca		Dombala, Talasahi	Gouri Gamango, Phone No-9438072936	1. Drinking water-Available	Single
15	Dombala	Pucca		Munisising, Jholasahi	Purnima Gamango, Phone No-8763473246	1. Drinking water-Available	Double
16	Dombala	Pucca		Dombala-2	Bimala Sabar, Phone No-8280542457	1. Drinking water-Available	Single
17	Dombala	Pucca		ANM Centre Dombala-1	Tomala Karjee, Phone No-8455912509	1. Drinking water-Available	Single
18	Dombala	Pucca	1500Mts	HSS Dombala	Pradeep Kumar Bhuyan, Phone No-9439520220	1. Drinking water-Available	Double
19	Dombala	Pucca	600Mts	PS Munising	Sunaya Raita, Phone No-9439645301	1. Drinking water-Available	Double

Sl.No.	Name of the GP	Type of shelter	Capacity (Room & Plinth Area)	Location	Contact Person (Address & Phone no.)	Facilities Available (Drinking water Toilet Power Back up Others)	Remarks (Single or Double)
20	Dombala	Pucca	2000Mts	AS Mandalsahi	Ramesh Chandra Sabar, Phone No-9438653119	1. Drinking water-Available	Double
21	Dombala	Pucca	780Mts	PS Mandalsahi	Gopinath Gamango, Phone No-9827384376	1. Drinking water-Available	Double
22	Dombala	Pucca	1500Mts	PS Ruisin g	Sabita Gamango, Phone No-6370304322	1. Drinking water-Available	Double
23	Gangabada	Pucca	100000sft	HS Gangabada	Geetanjali Pradhan,9438521160	1.Tubewell-Available 2. Drinking water-Available	Double

3.9 Human Resources:

Expertise	Availability in Number
Doctor	MBBS Doctors-7
Fire personnel	14
ASHA	210
AWW/Helper	AWWs- 307 and AWH-225
Other Health professional (Staff nurse, LT and Pharmacists)	Staff Nurse-4 LT-2 Pharmacist-3
AYUSH Professional	01
SEM (Tankers/PWS/ Gen sets)	21
Drivers (Road and Water ways)	-

3.10 List of NGOs in DM-

Name of NGOs and CBOs	Area of Operation	Sector	Volunteers available	Professional	Contact Address
SWWS	Gajapati & Rayagada	Livelihood, DM		7	Near Forest Gate, Paralakehmundi, Odisha 9437072197
PREM	Odisha	Livelihood, Education		5	R. Sitapur, Paralakhemundi – 7788006269
CCD	Gajapati	Vocational training, ,Disability SHG etc,	02	1	Near Balaji Kalyani mandap, Shiridhar Nagar, Line-1, Pattapatnam Road,Paralakhemundi, A.jagannath Raju 9437062516
SAMARTHA	Gajapati	Self Hef Group, Economic, Disability Capacity Budling, Skill development.	02	01	Near Old OSRTC Garange, Paralakhemundi. Santosh Maharana 9778441856

3.11 Volunteers Profile: (List with contact to be annexed)

Sl. No.	Name of the Scheme/ Project	Total Number of Volunteers	No. of Volunteers Trained				
			Search & Rescue	First Aid	Ham Radio	CBDM	Others (Specify)
01	MCS/ MFS	-	-	-	-	-	-
02	Aapda Mitra	40					
03	Disaster Management Teams						
04	Civil Defense						
05	NCC						

CHAPTER-IV

PREPAREDNESS PLAN

4.1 Preparation/Updating of Disaster Management Plan of Block.

SI No.	Activity	Timeline (Month/Year)	Remarks
1	Preparation of BDMP	Mid March ~ Mid April every year	This will get update by the Nodal Officer of block disaster management and coordination with due consultation of BDO & Emergency Officer
2	Sharing of Plan with Stakeholders	Last week April Every year	Nodal Officer will take key responsibilities for sharing workshop
3	Review of the Plan	February (Each year)	By the BDO & Nodal Officer
4	Updating of the Plan	March (Each year)	By the nodal Officer and other key stakeholders

NB : The plan once prepared should be shared with all the stakeholders and to be reviewed at least once in every year preferably in the month of March and the necessary changes to be incorporated for updating the plan

4.2 Preparedness at the Gram Panchayat level (a paragraph to be added)

4.2.1 Village Disaster Management Plan (50 Words)

4.2.2 Gram Panchayat Disaster Management Plan (50 Words)

4.2.3 Tsunami Preparedness Plan (50 Words)

4.2.4 Table top exercises & Mock drill of 18th & 19th June (50 Words)

4.2.5 Table Top Exercise to assess preparedness (50 Words)

4.2.6 Training & Capacity building in the Block

4.3 Awareness Generation Activities (Annexure Leaflets)

SI No.	Subject	Participants	To be Facilitated by	Month (Suggestive only)
	Heat wave	Community and NGO workers	DEOC & NGO Staff	February & March
1	Cyclone & Flood safety	Entire block population	DDMA & DEOC, Gajapati	March
2	Lightning	Entire block population	CHC-Rayagada	April
3	Snakebite	Entire block population	CHC-Rayagada	May- June
4	Sanitation & Hygiene	Entire block population	CHC-Rayagada	June
5	Drowning Prevention			
6	Tsunami (Coastal Villages)	Not Applicable		
7	Epidemic/Pandemic	Entire block	CHC & NGO	November

4.4 Stakeholder mapping

SI	Level	Designation	Contact (Landline)	Contact (Mobile)
1	District	District Collector/ADM	06815-222397	9437561919
2		ADM	06815-223333	9693447902
3		CDO-cum-EO, ZP	06815-222420	9937398628
4	Sub Division	Sub Collector	06815-222226	7606981936
1	Block	Block Development Officer	Not available	9439619246
2		Tahasildar	Not available	9853128232
3		MO I/C	Not available	8917455223
4		CDPO	Not available	9437838236
5		Fire Officer	Not available	8249319754
1	Gram Panchayat	Sarpanch/ Panchayat Samiti members		
1	AMEDA	Sumani Bhuyan	Sarapanch	9438821403
2	DAMBALO	Biswanath Bhuyan	Not available	9439409016
3	ENGARSINGI	Kumari Karjee	Not available	9437974237
4	GANGABADA	Haribandhu Karjee	Not available	9438236685
5	GANDAHATI	Jyostna ku. Mandal	Not available	7077550590

SI	Level	Designation	Contact (Landline)	Contact (Mobile)
6	JEERANGO	Rishpa Bhuyan	Not available	9439172907
7	JOLANGA	Labanya sabar	Not available	8280879367
8	KARADASING	Umasankar Bhumal	Not available	7327047631
9	KERANDI	kamala Sabar	Not available	
10	KOINPUR	Jayanti Sabar	Not available	8260405661
11	KUMULASING	Suka sabar	Not available	8480549098
12	LAILAI	Subhabati Karjee	Not available	8895674219
13	LAXMIPUR	Sanyasi Behera	Not available	8895531132
14	LOBA	Ramesh Ch.Mandal	Not available	9437885300
15	MARLOBA	Jalandhara Karjee	Not available	9937780485
16	NARAYANPUR	Biswanath Sabar	Not available	9937782828
17	PUTTAR	Ambika Nayak	Not available	9438203135
18	RAYAGADA	Sushama Sabar	Not available	8895852611
19	S.KARADASING	Prasanta Bhuyan	Not available	9668289921
20	SANATUNDI	Sanghamitra Sabar	Not available	8144647157
21	TALAMUNDA	Padmabati Bhuyan	Not available	9438733247
1	AMEDA	Padmabati Sabar	Samiti Member	9437750464
2	DAMBALO	Purnabasi Nayak	Not available	9437750464
3	ENGARSINGI	Arata Badamundi	Not available	
4	GANGABADA	Sumitra Sabar	Not available	7684047512
5	GANDAHATI	Uchaba Sabar	Not available	9437763028
6	JEERANGO	Laxmi Behera	Not available	
7	JOLANGA	Jasmita Raita	Not available	
8	KARADASING	Renubala Rauta	Not available	
9	KERANDI	Gabardhana Sabar	Not available	8895209633
10	KOINPUR	Madhuri Sabar	Not available	9437750464
11	KUMULASING	Jyothi Prasad Pani	Not available	
12	LAILAI	Pramila Sabar	Not available	
13	LAXMIPUR	Pradeep Kumar Bhuyan	Not available	
14	LOBA	Sanjay Kumar Mandai	Not available	
15	MARLOBA	Parbati Bhuyan	Not available	
16	NARAYANPUR	Anitarani Pattanayk	Not available	
17	PUTTAR	Lokonath Dalai	Not available	
18	RAYAGADA	G.Sobharani	Not available	
19	S.KARADASING	Surendra Sabar	Not available	
20	SANATUNDI	Mithila Devi	Not available	
21	TALAMUNDA	Sarojini Sabar	Not available	

4.5 Status of preparation of GPDMP & VDMP

Sl	Total number of GPs	GPDMP Prepared (Yes/No)	Total Number of Villages	Number of villages where VDMP prepared
1	Ameda	No	9	No
2	Dombala	No	9	No
3	Engarsing	No	4	No
4	Gangabada	No	24	No
5	Gandahati	No	17	No
6	Jeerango	No	18	No
7	Jallango	No	14	No
8	Karadasing	No	23	No
9	Kerandi	No	9	No
10	Koinpur	No	21	No
11	Kumulasing	No	5	No
12	Lilali	No	11	No
13	Laxmipur	No	14	No
14	Loba	No	4	No
15	Marloba	No	10	No
16	Narayanpur	No	7	No
17	Puttar	No	15	No
18	Rayagada	No	6	No
19	S.Karadasing	No	18	No
20	Sanatundi	No	8	No
21	Talamunda	No	5	No

CHAPTER-V

RESPONSE PLAN

5.1 Block Disaster Management Core Committee: Rayagada has been formed in the Office of Panchayat Office, Rayagada as detail below

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	NA	9439619246
2	Tahasildar	NA	7894821401
3	Asst. Executive Engineer	NA	9337219264
4	MO I/c	NA	8917455223
5	CDPO	NA	9437838236
6	Block Agriculture Officer	NA	7846980379
7	Deputy Director, VHS,	NA	8917536198

8	Marketing Inspector	NA	8763686207
9	GP Development Officer	NA	9040558704
10	BSSO	NA	9438456814
11	WEO	NA	8280726536
	IIC, Rayagada	NA	8144129199
12	Station Officer, Fire Services	NA	8249319754

5.2 Zonation of Block

SL	Name of the officer	Name of GPs assigned	Contact details of the Officer
01	Subramanyam Panda, AE	Ameda, Dombala, Engarsing, Lailai, Puttar, Rayagada	9437874375
02	Swarnalata Dalai, AE	Jeerango, Narayanpur, S.Karadasing	8658949581
03	Surendranath Mishra, JE	Gandahati, Gangabada, Kerandi, Koinpur, Laxmipur	9438722245
04	Geetasri Das, JE	Loba, Marloba, Talamunda	9437515572
05	Damayanti Murmu, JE	Karadasing, Kumulasing, Sanatundi	8895941464
06	Janmejaya Mohanta, JE	Jallango	8093920296

5.4 Relief Officer

SL	Name of the Gram Panchayat/Village	Relief Officer	Contact details of the Officer
01	Ameda	Bhaskar Chandra Patra	9437838889
02	Dombala	Santosh Kumar Pattanaik	9438074950
03	Engarsing	Mohit Kumar Mali	8280868395
04	Gandahati	Snigdha Rani Raita	6370442603
05	Gangabada	K.Murali	9861246818
06	Jallango	Giridhari Paik	8763945424
07	Jeerango	Rasabihari Patra	9556550741
08	Karadasing	P.Kiran Kumar	8500259767
09	Kerandi	Jayasen Parichha	9437658930
10	Koinpur	Rasabihari Patra	9556550741
11	Kumulasing	Suranjita Gamango	9861723087
12	Lailai	Anushmita Bhuyan	9337404813
13	Laxmipur	Mohit Kumar Mali	8280868395

14	Loba	V.Jeevaratnam	8327772802
15	Marloba	Anadi Gamango	7873934143
16	Narayanpur	J.Aruna Kumari	9668252522
17	Puttar	Bhabani Panigrahi	9078838674
18	Rayagada	Senapati Sabar	9040558704
19	Sanatundi	G.Bhavani	7013108072
20	S.Karadasing	Sujata Pradhan	9668776423
21	Talamunda	Deeptirani Devi	9337206853

5.5 Shelter Coordination Officers

SL	Name & Address of the Shelter	Assigned Coordination Officer	Contact details of the Officer
1	<i>Not Applicable</i>		
2			

5.6 Emergency Support Functions

SI	Assigned Task	Nodal Person & Designation	Contact	Checklist
1.	Communication: Control Room/ Warning Dissemination	Sudhir Kumar Singh, BDO , Rayagada	9439619246	<ul style="list-style-type: none"> Disseminate the warning to GP & Village Coordinate with the District for warning updates
2	Evacuation	Reena Rani Sahu, IIC Rayagada	8144129199	<ul style="list-style-type: none"> Shelters Identified Drinking water First aid essentials Free kitchen Care for elderly, PWD, Children. Pregnant/ lactating woman Nodal person designated
3.	Search & Rescue	Fire Officer	8249319754	<ul style="list-style-type: none"> Pre-positioning of Response force Volunteers assigned Nodal officer designated Vehicles arranged PoL arranged Food, Drinking water arranged
4	Relief line clearance	Fire Officer	8249319754	<ul style="list-style-type: none"> Removal of trees, poles Clearance of roads

5	Shelter management	Bhabani Behera, MI Senapati Sabar I/c GPDO/ CDPO Rayagada / JE Rwss	8763686207 8280408360	<ul style="list-style-type: none"> • Shelters Identified • Drinking water • First aid essentials • Free kitchen • Care for elderly, PWD, Children. Pregnant/ lactating woman <p>Nodal person designated</p>
6.	Relief Management	Bhabani Behera, Inspector of Supplies	78763686207	<ul style="list-style-type: none"> • Identify relief distribution points • Stocking of relief materials <p>Identifying the potential dealers</p>
7	Drinking Water & Sanitation	Narayan Sethi, AE Rwss	8763976877	<ul style="list-style-type: none"> • Identify drinking water sources • Disinfection of Drinking water sources • Testing the quality of water
8.	Public Health Services	Dr Dhananjay Marandi MO i/c CHC, Rayagada	8917455223	<ul style="list-style-type: none"> • Stock position of live saving drugs, ORS, IV fluids and other equipment • Distribution of ORS, Halogen to field areas • List of contact address of field staff • List of volunteers • List of DDC/ AWW • List of epidemic/risk prone areas • List of site operation areas • Mobile health unit • List of Dist./ health control rooms • List of private and local doctor • Awareness through propagation of healthy practices during the disaster time • Trained the village taskforces on use of medicine and first aid • Daily disease report collection and analysis • Preventive measures
9	Human Casualty Management	Sri Sadasiva Bhatra, Tahasildar Rayagada	7894821401	<ul style="list-style-type: none"> • Mortuary space designated • Help desk counter • Staff assigned • Recording of the identity • Reporting the status to BDO

10	Damage & Loss Assessment	Sri Sadasiva Bhatra, Tahasildar Rayagada	7894821401	<ul style="list-style-type: none"> • Report the loss within 24 hrs of disaster • Follow the relief code for ex-gratia support • Instruction to RI & Revenue Supervisor
11	Energy	JE, TPSODL, Rayagada	8249597441	<ul style="list-style-type: none"> • Identify strategic location • Prepositioning of man & material • Immediate stock taking • mobilisation of man & material
12	Transport	Reena Rani Sahu, IIC Rayagada	8144129199	<ul style="list-style-type: none"> • Identify vehicles and drivers • Traffic Control
13	Public Works	Sidhart Sankar Tripathy, AEE	9438914456	<ul style="list-style-type: none"> • Prepositioning of Man & materials • Identify vulnerable infrastructures
14	Information & Communication	Goutam Paik	8249899089	<ul style="list-style-type: none"> • Alternate communication source in place • Alternate internet facilities in place
15	Media Management	Sudhir Kumar Singh BDO ,	9439619246	<ul style="list-style-type: none"> • Situation update • Temporary shed for VIPs • Media Assemble point • Media and VIP briefing Note
16	Animal Health Care	Dr Suchismita Samal	9438317459	<ul style="list-style-type: none"> • Animal population with categories • Possible problems related to different hazards • Dealer of feeds/fodder • List of cow sheds • Site camps with volunteers • Programme for mass vaccination • Trained the taskforce to use of medicine • coordinating with others • Carcass Disposal
17	Law & Order	Sri Sadasiva Bhatra, Tahasildar Rayagada	7894821401	<ul style="list-style-type: none"> • Traffic Control • Safeguarding Relief material • Supervision of relief distribution

NB.: The Checklist is Indicative. The same may be modified in consultation with concerned stakeholder.

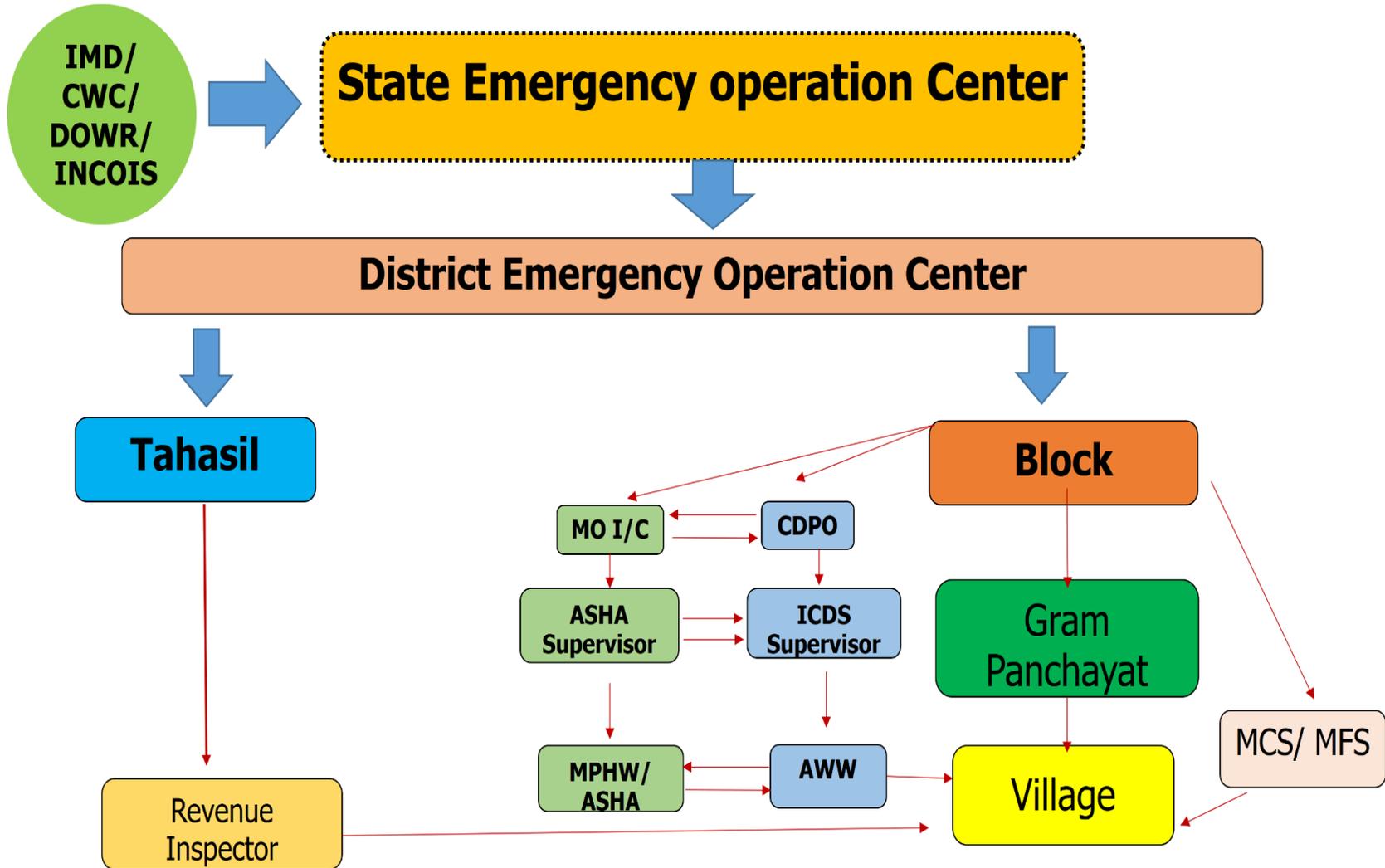
Boat Operation Point -

SI No	Name of Ferry Ghat	Plying in Between	Name of River Body	Name of Tahasil/ Block	Type of Boat (Mechanized/ Country Boat	Boat Plying Capacity	Lifebuoy or Life saving jacket available (Yes	Name/Address and contact number of boat owner/ sailor	Name of PEO(Panchayat Executive Officer)
01	Not Applicable								

5.7 Control Room Operation

Details of the Officer –			Operational Timing		
Designation	Department	Time	Normal	Warning	Post
Tahasildar	R&D	24hrs	8 hrs	24x7	
BDO	Panchayat Raj	24hrs	8 hrs	24x7	
SDPRO	Information	24hrs	During requirement	Only dissemination	

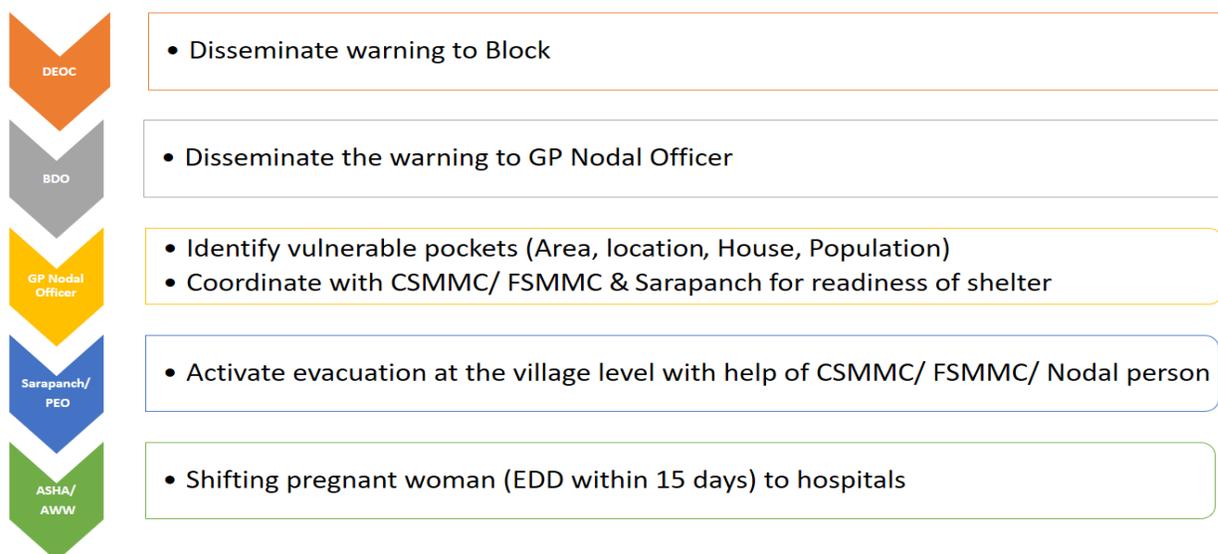
Early Warning Dissemination Protocol



5.8. Early Warning Dissemination and Response Plan:

Nodal Officer with	Contact details (Mobile & Email ID)	Response System		
		Pre (after Warning)	During Disaster	Post Disaster
Block nodal Officer disaster management	9439619246	Keep readiness of all communication system (OSWAN, Mobiles, Contact numbers) Monitor warning message on regular basis, disseminate message to the right person	Follow up	Collection of the data from field to support the local authority
Welfare Extension Officer	8280726536	To coordinate with the local authority	Follow-up action	Collection of information from departments

Evacuation Protocol



Drinking water supply (RWSS)

- Repair of damaged platforms of hand pumps/rising wells/spring-tapped chambers/public stand-post, cistern
- Restoration of damaged stand post including replacement of damaged pipe lengths with new pipe-lengths, cleaning of clear water reservoir (to make it leak proof)
- Repair of damaged pumping machines, leaking overhead reservoirs and water pumps including damage intake- structure, approach gantries/jetties.

Roads (PWD)

- Filing up of breaches and potholes, use of pipe for creating waterways, repair and stone pitching of embankments.
- Repair breached culverts Providing diversions to the damaged/washed out portions of bridges to restore immediate connectivity.
- Temporary repair of approaches to bridges/embankments of bridges, repair of damaged railing bridges, repair of causeways to restore immediate connectivity, granular sub base, over damaged stretch to roads to restore traffic.
- Irrigation Immediate repair of damaged canal structure and earthen/masonry works tanks and small reservoirs with the use of cement, sand bags and stones.
- Repair weak areas such as piping or rate holes in dam walls/embankments. Removal of vegetative material/building material/debris from canal and drainage system Repair of embankments of minor, medium and major irrigation projects.

Health -

- Health: Repair of damaged approach roads, buildings and electrical lines of PHCs/ Community Health Centers

Panchayat Executive Officers Deputed in Different Panchayatas

SL NO	NAME OF PEO	GP ALLOTTED	CONTACT NO
1	Ameda	Bhaskar Chandra Patra	9437838889
2	Dombala	Santosh Kumar Pattanaik	9438074950
3	Engarsing	Mohit Kumar Mali	8280868395
4	Gandahati	Snigdha Rani Raita	6370442603
5	Gangabada	K.Murali	9861246818
6	Jallango	Giridhari Paik	8763945424
7	Jeerango	Rasabihari Patra	9556550741
8	Karadasing	P.Kiran Kumar	8500259767
9	Kerandi	Jayasen Parichha	9437658930
10	Koinpur	Rasabihari Patra	9556550741
11	Kumulasing	Suranjita Gamango	9861723087
12	Lailai	Anushmita Bhuyan	9337404813
13	Laxmipur	Mohit Kumar Mali	8280868395
14	Loba	V.Jeevaratnam	8327772802

15	Marloba	Anadi Gamango	7873934143
16	Narayanpur	J.Aruna Kumari	9668252522
17	Puttar	Bhabani Panigrahi	9078838674
18	Rayagada	Senapati Sabar	9040558704
19	Sanatundi	G.Bhavani	7013108072
20	S.Karadasing	Sujata Pradhan	9668776423
21	Talamunda	Deeptirani Devi	9337206853

Chapter VI **RECONSTRUCTION & REHABILITATION:**

Rehabilitation and reconstruction are at the heart of disaster recovery phase. The rehabilitation and reconstruction activities, which follow the disaster response stage, aim at achieving long-term recovery. Disaster recovery is a very significant stage in the disaster management cycle, as this is when the support of governmental and non-governmental agencies in the disaster aftermath usually starts receding and the affected community has to fend for itself. At this stage, the role of the community and self-help groups becomes paramount since they can make or mar the crucial link between disaster response and disaster recovery. Disaster Management It also needs to be kept in view that the entire rehabilitation and reconstruction process has to be attuned towards developmental goals. Unless we understand the relationship between recovery and development, issues and challenges facing the rehabilitation and reconstruction process cannot be met. This Unit examines the pertinent issue of disasters and development. It throws light on the concept and principles of rehabilitation and reconstruction that must make way for larger disaster recovery process by examining the post-tsunami aftermath. It also analyses the problems faced by planners and implementers in the rehabilitation and reconstruction process.

As we all know, the disaster recovery stage in the disaster management cycle falls between the disaster response phase and the overall development phase. Thus, it is necessary that vital interlinkages between all the three phases be established. This could be achieved through systematic planning and implementation of a long-term recovery programme in the disaster aftermath. Rehabilitation and reconstruction operations are integral to disaster recovery. They provide a direct 'connect' between disaster response and long-term development. The two activities, however, do not have similar connotation.

Rehabilitation involves restoring local services related to the provision of immediate needs. It implies a systematic return to pre disaster status. It refers to actions taken in the aftermath of a disaster to enable basic services to resume functioning, assist victims' self-help efforts to repair physical damage, restore community facilities, revive economic activities and provide support for the psychological and social well-being of the survivors. It focuses on enabling the affected population to resume more or less normal patterns of life. It may be considered as a transitional phase between immediate relief and major long-term development. Reconstruction, on the other hand, represents long-term development assistance, which could help people in the affected

areas to rebuild their lives and meet their present and future needs. It takes into account reduction of future disaster risks.

Rehabilitation may not necessarily restore the damaged structures and resources in their previous form or location. It may include the replacement of temporary arrangements established as part of emergency response or the upgradation of infrastructure and systems from pre-disaster status. For instance, following a damaging hurricane, the rehabilitation of the power lines would aim to restore the system as rapidly as possible so that the essential services would continue to function, whereas, reconstruction of the power lines would aim to rebuild the rehabilitated system to a higher or safer standard than before, so that the future risks to the power lines from a similar damaging event could be reduced. Reconstruction must be fully integrated into long-term developmental plans, taking into account future disaster risks and possibilities to reduce them by incorporating appropriate measures.

As we have mentioned before, the term recovery is used to embrace both the rehabilitation and reconstruction activities. Both the activities may be required in the aftermath of disaster. One does not essentially exclude the other.

It should also be remembered that rehabilitation and reconstruction do not always safeguard full recovery. In the disaster aftermath, it may take longer to return to 'normalcy' or in some situations, total recovery may never be possible. It is, therefore, Rehabilitation and Reconstruction not possible to suggest a 'model' time frame for rehabilitation, reconstruction or recovery stages. The distinction between rehabilitation and reconstruction is not watertight, but they have to be well-incorporated into a long-term disaster recovery plan. A comprehensive rehabilitation and reconstruction or a broad recovery plan should take into consideration both physical and non-physical requirements of the communities. Failing to address long-term recovery could have adverse consequences.

For instance:

- i) It may simply result in large investment in infrastructure without the necessary inputs to help the victims to become psychologically fit, socially ready and economically self-sufficient; and
- ii) The necessary links between physical, social and psychological recovery may be ignored

Thus, we can say that processes of rehabilitation and reconstruction are essential for long-term disaster recovery, even though they need not always lead to recovery. Problems underlying rehabilitation and reconstruction can even go on to stall the recovery process. We will read about this aspect in Section 15.6 of this Unit. Suffice it to say over here that rehabilitation and reconstruction are complex processes that are determined by varied parameters. The nature of rehabilitation and reconstruction largely depends on the intensity of damage caused by a disaster in terms of losses to lives and infrastructure. There are several factors that need to be taken into view while designing a long-term disaster recovery plan entailing rehabilitation and reconstruction. These are economic, social, political and cultural. While economic, social and cultural factors will become clear by reading the following Section, it is important to understand the political factor over here. Disasters, as we all know, are great electoral opportunities for political parties, especially when elections are round the corner. Politicians derive political mileage out of announcing huge sops and incentives through their recovery package.

The recovery plan finds smooth execution if there is political will behind it. The political environment of the disaster aftermath, therefore, needs to be considered by planners of long-term recovery.

Types of Rehabilitation are –

- A. Physical Rehabilitation
- B. Social Rehabilitation
- C. Psychological Rehabilitation

6.2 Post Disaster Needs Assessment (Write a Paragraph)

Housing (100 Words)

A team must be formed in an advance for doing PDNA aftermath of disaster. comprehensive analysis of the Housing and Urban Development Department (HUDD) policy and institutional frameworks for the Housing Sector and the land administration system, with particular emphasis on: 1) State housing policy 2) Urban planning and development policy for the ULBS Local governance: the adequacy of these frameworks under normal conditions and their ability to be adapted to the demands of the post-disaster housing reconstruction process; the implications of operating within a weak state and/or with a high level of informality; 3) land use and administration, including statutory, customary and informal rules and institutions and the implications of operating in an urban or rural environment; 4) housing construction system and practices, which includes the actual capacity of the organizations involved in the housing reconstruction, and the specific challenges that have already arisen, or may be expected to emerge as the post-disaster housing reconstruction programme is planned and executed; 6) insurance and housing finance, which covers the possibility of financial supports and different mechanisms to achieve best results for all segments of the housing market; 7) local infrastructure construction and operation; 8) risk management policies including risk reduction

Infrastructure (100 Words)

A team must be formed for doing PDNA at Rayagada block jurisdiction after the disaster. The team must be comprised of subject matter specialist with technical experts on social sector, service sectors, infrastructure sectors housing infrastructure, electrical infrastructure. PDNA is an important process the report of PDNA will support the community and administration to bring back better situation. The team who will be facilitate PDNA process on the theme of infrastructure must have knowledge on local infrastructure Rayagada block which generally gets affected by the disaster. The PDNA is a joint assessment and immediate recovery planning from disaster. The team of PDNA on infrastructure will mainly address the loss of infrastructures like – roads, public and private buildings, electricity and telecommunication. The consolidated PDNA report will enable policy makers and administrator to make a proper plan for the immediate constructions of suggested activities in the city

Livelihoods (100 Words)

Post-disaster Needs Assessment (PDNA) and recovery planning for Employment, Livelihoods strengthening in disaster prone areas. It outlines how to assess and estimate the effects and impact of disasters on EL and provides recommendations for reactivating economic activities and employment for recovery of livelihoods. Employment and Livelihood is treated as a particular topic in this chapter. However, specific recovery needs related to overall economic recovery and recovery of permanent sources of employment and livelihoods in the social and productive sectors are also treated in the respective sector chapters of the PDNA Guidelines. Livelihoods can be defined as a set of activities and strategies pursued by household members, using their various assets (physical, natural, and human, social, financial) in order to make a living. Livelihoods usually involve employment of household labor and the use of other household assets, if any, in order to live on the proceeds. For the large majority of people across all countries, the most important livelihood asset is primarily their own labor, followed by other household assets (physical, financial, social and natural.)

Social Protection (100 words)-

Social protection refers to people and households that are socio-economically secure with regards to access to health care and safety at the workplace, even in the face of vulnerabilities and contingencies. This is particularly important for poor and marginalized segments of a population, often found in the informal economy. Commonly they are most in need of support and protection, yet are the least protected.



CHAPTER-VII MITIGATION PLAN

Major points to be focused, with respect to the components of disaster management plan like preparation, mitigation activities and social empowerment are briefed below. Disaster management plans to be prepared under the leadership of local self-government institutions shall foresee impacts likely to happen in the context of geographical, infrastructural, social and economic scenario and status assessed in chapters 1, 2 and 3 and act accordingly.



Steps - It is extremely important to identify the gap between the available facilities and the ideal facilities to be there in place. Then only, the facilities to be arranged can be enlisted and realized. Enlist the schools and halls which could be used as relief camps (please see the 5th chapter also). Estimate for the required repairs of such buildings may be prepared in advance. Likewise, enlisting of roads, bridges and culverts of the disaster-prone area and preparation of projects for their up keeping are also activities to be taken up by local self-government institutions. For example, projects envisaging elevated places or elevated cattle sheds can be prepared for keeping cattle and other domestic animals during floods. Projects for arranging proper electric system, water supply, sanitary facilities etc. at schools and public buildings where relief camps to be set up at times of disasters can also be prepared.

- Information/knowledge dissemination activities (IEC)
- Warning systems
- Safety check at hospitals, public offices and education institutions
- Intervention of LSG committee on the basis of the findings of safety check exercise multilevel disaster-prone area maps to be developed by every LSG institution.
- Land use map of disaster-prone areas
- Improvement of the infrastructure facilities of disaster-prone areas (roads, bridges etc.)

7.1 Sector wise Vulnerability Reduction Measures considering G.P plans: (write a Paragraph in 100 words)

Major work under disaster mitigations are as follows –

- Water conservation activities
- River Embankment Protection
- Action for rejuvenating water bodies
- Action for soil conservation
- Action for land sloping protection
- Action for watershed conservation
- Proper Land use planning
- Adaptation of green building technology
- Waste management activities
- Actions for making the planet greener.
- Construction of cyclone and flood shelters

Training programmers and awareness building campaigns shall be incorporated in the disaster management plan. Training can be imparted to the following groups.

Community based organizations

- Cultural, social and civil organizations
- Farmers groups
- Political parties' representatives
- Labor unions
- Community members
- MGNRGA & ANM field staff
- Anganwadi workers
- Organizations of senior citizens
- NCC, NSS, Scout & Guides

7.2 Community level Mitigation Programme

Include hazard specific mitigation measures and schemes Proposed in the GPDP

SI No.	Name of the Gram Panchayat	Hazard Specific Mitigation Plan for	Required Intervention	Executing Departments	Fund Required	Time Frame
1.	Ameda	NA	NA	NA	NA	NA
2.	Dombala	NA	NA	NA	NA	NA
3.	Engarsing	NA	NA	NA	NA	NA
4.	Gandahati	NA	NA	NA	NA	NA
5.	Gangabada	NA	NA	NA	NA	NA
6.	Jallango	NA	NA	NA	NA	NA
7.	Jeerango	NA	NA	NA	NA	NA
8.	Karadasing	NA	NA	NA	NA	NA
9.	Kerandi	NA	NA	NA	NA	NA

10.	Koinpur	NA	NA	NA	NA	NA
11.	Kumulasing	NA	NA	NA	NA	NA
12.	Lailai	NA	NA	NA	NA	NA
13.	Laxmipur	NA	NA	NA	NA	NA
14.	Loba	NA	NA	NA	NA	NA
15.	Marloba	NA	NA	NA	NA	NA
16.	Narayanpur	NA	NA	NA	NA	NA
17.	Puttar	NA	NA	NA	NA	NA
18.	Rayagada	NA	NA	NA	NA	NA
19.	Sanatundi	NA	NA	NA	NA	NA
20.	S.Karadasing	NA	NA	NA	NA	NA
21.	Talamunda	NA	NA	NA	NA	NA

7.3 Short Term Mitigation Plan: (100 words)

Mitigation and Prevention are used as synonyms. Some prefer to drop the term Mitigation and use only Prevention. The term Mitigation can be comprised in the term Prevention. There are 3 types of mitigation approach such as short term, medium term and long term. Short term mitigation approach gives focus upon the awareness, readiness to minimize the risk of disaster impact. The following are the short term mitigation approach in short term mitigation practices

- Monitor development activities of various ministries with respect to mitigation aspect in development programmes and general preparedness
- Convene periodic meetings of the National Commission to review general state of preparedness and response for season changes including extreme winters and droughts.
- Organize Education, Training and Awareness Activities
- Promote Research & Development
- Effective coordination with all line department
- Reference of plans and polices which are developed on the basis of local context

7.4 Medium term Mitigation Plan: (100 Words)

Medium term mitigation in disaster management focus upon the 6 – 12 months planned activities that will bring a significant change in reducing disaster impact. EG. Making policy and plan as per the need of the locality as well some minor construction work like – embankment strengthen in summer season, plantation work, as well Desilting of water bodies in summer season

7.5 Long Term Mitigation Plan: (100 Words)

(Brief description about structural and non-structural measures at the Block/GP/village level to be described including possible source of funding from the existing schemes of the Govt. of Odisha and Govt. of India)

7.6 Development Schemes and Disaster Mitigation

Identify the scheme/projects running in the Gram Panchayat/villages and segregate them relevant to Mitigation and Preparedness measures

SI No.	Name of the Gram Panchayat & Villages	Ongoing Disaster Mitigation/ Preparedness Works	Development Programme	Executing Departments	Start Date	Date of Completion
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7.7 Integration of the mitigation plan into GPDP: (Write a paragraph in 200 Words)

SL	Name of the Village/GP	Hazard Specific Mitigation Plan	Required Intervention	Executing Departments	Fund Required	Time Frame
1		One dedicated shelter	Construction of shelter building	OSDMA		

**Annexure
Important Contact No & SOP**

SI No.	Name of the Officer	Designation	Position in DDMA (Ex-Officio)	Contact No. (If Land line please prefix 06815-)
1	Sr. Bijay Kumar Dash, IAS	Collector-cum-District Magistrate	Chairman DDMA	222397, 222396(R), 222464 (Fax)
2	Sri Gabara TirupatiRao	ZP President, Gajapati,	Co - Chairperson DDMA	7978935937
3	Sj Rajendra Minz, OAS (S)	Additional District Magistrate, Gajapati	Chief Executive officer-DDMA	9438305095 223333, 222578
4	Ms. Swasti S Kumar, IPS	Superintendent of Police, Gajapati	Member	222533, 2225666 (R) , 222565 (Fax)
5	Dr. Gunadihi Nayak	CDO-cum-EO, Zilla Parisad, Gajapati	Member	
6	Sri Pradeep KumarPatro	Chief District Medical Officer	Member	9438297034 222205
7	Mr. Prabhas Behura	District Emergency Officer – Gajapati	Member	9437208153
8	Ms. Purussottam Sahu	Deputy Director Agriculture, Gajapati	Member	7978521320
9	Er. Nimal KumarDas	Excutive Engineer, Rural Development, Gajapati	Member	9437255318
10	Er. Sanjaya Rath	SE, Irrigation (Embankment) PKD Division	Member	9337822185
11	Er. Bikash Kumar Pati	EE-RWSS, Gajapati	Member	8280408040
12	Sri Sudhir Kumar Singh	BDO, Rayagada	Member	9439619246

13	Sri Sadasiva Bhatra	Tahsildar, Rayagada	Member	7894821401
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Block Level Officials

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	NA	9439619246
2	Tahasildar	NA	7894821401
3	Asst. Executive Engineer	NA	9438914456
4	MO I/c	NA	8917455223
5	CDPO	NA	
6	Block Agriculture Officer	NA	7846986379
7	Deputy Director, DVH	NA	-
8	IIC, Rayagada	NA	8144129199
9	Marketing Inspector	NA	8763686207
10	GP Dev. Officer	NA	9040558704
11	BSSO	NA	9438456814
12	WEO	NA	8280726536
13	Station Officer, Fire Services	NA	8249319754

GP Level Officials

SL NO	NAME OF PEO	GP ALLOTTED	Block	CONTACT NO
1	Ameda	Bhaskar Chandra Patra	Rayaggada	9437838889
2	Dombala	Santosh Kumar Pattanaik	Rayaggada	9438074950
3	Engarsing	Mohit Kumar Mali	Rayaggada	8280868395
4	Gandahati	Snigdha Rani Raita	Rayaggada	6370442603
5	Gangabada	K.Murali	Rayaggada	9861246818
6	Jallango	Giridhari Paik	Rayaggada	8763945424
7	Jeerango	Rasabihari Patra	Rayaggada	9556550741
8	Karadasing	P.Kiran Kumar	Rayaggada	8500259767
9	Kerandi	Jayasen Parichha	Rayaggada	9437658930
10	Koinpur	Rasabihari Patra	Rayaggada	9556550741
11	Kumulasing	Suranjita Gamango	Rayaggada	9861723087
12	Lailai	Anushmita Bhuyan	Rayaggada	9337404813
13	Laxmipur	Mohit Kumar Mali	Rayaggada	8280868395
14	Loba	V.Jeevaratnam	Rayaggada	8327772802
15	Marloba	Anadi Gamango	Rayaggada	7873934143

16	Narayanpur	J.Aruna Kumari	Rayaggada	9668252522
17	Puttar	Bhabani Panigrahi	Rayaggada	9078838674
18	Rayagada	Senapati Sabar	Rayaggada	9040558704
19	Sanatundi	G.Bhavani	Rayaggada	7013108072
20	S.Karadasing	Sujata Pradhan	Rayaggada	9668776423
21	Talamunda	Deeptirani Devi	Rayaggada	9337206853

Standard Operating Procedures (SOP)

Standard Operating Procedure for block level officers for flood / cyclone management

BLOCK DEVELOPMENT OFFICER (BDO):

PRE:

- Convene meeting of the Block level stakeholder/ line departments before onset of Monsoon during the month of April.
- Review the preparedness activities by different block level line departments.
- Functioning of Rain Gauge Stations placed in the Block office.
- Functioning of Control room round the clock with adequate manpower of appropriate hierarchy.
- Keep Close watch on the warnings issued by the Dist. Emergency Operation Centre (DEOC) or from other reliable sources like IMD, DoWR, etc.
- Preparation/updating the Block Disaster Management Plan (BDMP) with role and responsibilities as per the amendments of Odisha Panchayat Samiti Act, 1959 (Sec 20).
- Preparation of the line department wise resource inventory as well as of private / country / power Boats.
- Coordinate for repairing of SRC power boats before the onset of rainy season.
- Identification of the Low-lying areas which are vulnerable to flood or likely to be cut off.
- Identification of safe shelters to be used during flood / Cyclone.
- Activation of Cyclone Shelter Management & Maintenance Committee (CSMMC) / Flood Shelter Management & Maintenance Committee (FSMMC) and concerned Task Force members in the concerned villages.
- Arrangement of minimum basic requirement at the shelters like Food, Drinking water and light.
- Arrangements of proper sanitation measures in the shelters.
- Assignment of staff (minimum Three including one lady staff) for smooth management of shelters.
- Chalk out a plan for assignment of staff to each Gram Panchayat for facilitating the evacuation, free kitchen etc.
- Cancellation of leave in-case of flood / cyclone like waring / situation.
- Dissemination of the warning in all vulnerable and other areas.
- Assess the Old Age Homes and plan for any evacuation required in case of flood /cyclone with help of BSSO.
- Identification and listing the kutchha houses/ Huts in the vulnerable villages with the help of BPC, RH.

- Miking and evacuation of people residing in the low-lying areas to identified safe shelters and make arrangement of free kitchen
- Safe evacuation of Old (men & women), PWDs, pregnant women, women and children with special care.
- Preparation of plans for special schools in consultation with BSSO.
- Plan for safe evacuation of PWDs in coordination with BSSO.
- Instruct BVO and his/her team VAS, Addl VAS, VT and LI for evacuation of livestock and domestic animals to safe shelters.
- Alert the teachers and other staff of the Special Schools (residential) in coordination with BSSO & BEO.
- Assess the SC & ST Schools and plan for any evacuation required in case of flood /cyclone with the help of WEO.
- Prepositioning of foods, drinking water, Electricity / power back up at SC & ST schools with the help of WEO.
- Alert the teachers and other staff of the SC & ST Schools with the help of WEO.
- Closure of schools as per govt. directives and return of boarder to their home safely.
- Coordinate with GPEO & MI to get the requirement of food stuffs for the population likely to be affected in Flood / cyclone for submission to Collector with intimation to CSO.
- Assess the locally available dry foods like Chuda, Gur, biscuits etc. and ration requirements for free kitchen for emergency needs with the help of MI.
- Availability of petrol / diesels in petrol pumps which may be required to conduct necessary rescue and relief operation in coordination with MI.
- Provision of advance ration to the beneficiaries under different schemes like National Food Security Act (NFSA) / State Food Security Scheme (SFSS) / Antyodaya Anna Yojana (AAY) / Priority House Hold (PHH) Ration Card as per the state level decision with help of MI.

DURING:

- Follow up with all block level line department officers like, Tahasildar, AE, Electrical, MI, GPEO, BEO, WEO, AAO, SO, fire Station, Medical Officer, all Sarpanch / PS members, BVO, BPM etc. to review the stock of the situation and issue necessary instructions to all the concerned to make arrangements accordingly.
- Coordinate with fire services & Response force for search & rescue where ever required.
- Continuous coordination with DEOC & SEOC for updates & remain watchful.
- Keep track on the disaster information circulated by DEOC, SEOC, IMD and DoWR, etc.

POST:

- Provision of emergent relief for the affected people and cattle feed to the evacuated animals.
- Cutting of trees by the nearest fire station for clearance of the roads in case of cyclone.

- Restoration of basic facilities like electricity, drinking water, sanitation etc.
- Submission of daily situation reports in the prescribed format to the DEOC.
- Psychosocial counselling for inmates of old age homes / special schools with the help of BSSO.
- Assess all old age homes / schools for verification of damages due to Cyclone / flood in coordination with BSSO.
- Issue instructions for proper identification, cremation of dead bodies and disposal of carcasses.
- Preparation of damage assessment report for damaged old age homes and special school in consultation with AEE / JE/ GPTA & BSSO.
- Prepare preliminary damage report and loss assessment and submission of report to the Chairman, DDMA for onward transmission of the O/O SRC.
- Review the restoration of damaged roads, bridges, embankments and other public properties.
- Documentation of the relief and restoration activities for records.
- Submission of final damage report in consultation with the Tahasildar to the DDMA.
- Provision of free kitchen for the evacuees.
- Provisioning of dry ration to the affected people as per the package declared by the govt.
- Arrange psychosocial counselling for the affected people.
- Facilitate different types of subsidized loans & financial assistance to the SHGs & Producer Groups.

TAHASILDAR:

PRE:

- Functioning of Control Room 24*7
- Keep close watch on the situation and warning issued from time to time.
- Convene coordination meetings along with BDOs and extend cooperation for effective and safe evacuation.
- Take steps to keep all staff members and field functionaries (RI) remain watchful in respective RI circles and shall not leave their respective headquarters.
- Keep adequate stock of polythene sheets (Rolls)
- Identification of people living in thatched/ kutcha/ hut for immediate evacuation if required by involving the local RIs / ARIs.
- Identify standing crops in low lying areas
- Evacuation of people from hazard prone area in coordination with BDO.

DURING:

- Keep close watch on the situation
- Review the stock of the situation and issue necessary instructions to all RIs to make arrangements accordingly.
- Provide all coordination support to block in search & rescue and other response activities.
- Continuous coordination with DEOC & SEOC for updates
- Keep track on the disaster information circulated by DEOC, SEOC, IMD and DoWR, etc.

POST:

- Provision of temporary shelter materials (polythene sheets) to those whose houses have been damaged.
- Enumeration of damaged houses with Geo tagging photographs and submission of the same to District Collector through the concerned Sub-Collector.
- Initiate crop damage assessment jointly with DAO / AAO and submission of the list to District Collector through concerned Sub-Collector.
- Preparation of list of beneficiaries along with their bank account numbers for DBT of House Building Assistance / Input Subsidy for Crop Damage
- Distribution of assistance to the beneficiaries after sanction of fund from the Dist.
- Preparation of beneficiary list and submit it to DEOC for necessary uploading of the same in Dist. NIC web portal.

ASST. EXECUTIVE ENGINEER (AEE):

PRE:

- Assist the BDO in preparedness activities in the block
- Identify the vulnerable roads/ area to be cut off
- Prepositioning of man, materials and machine in strategic locations
- Ensure halting of all the construction activities during the period and safe keeping of materials, machinery and equipment.

DURING:

- Keep Close watch on warning and the situation
- Take regular stock of the situation on the damage to buildings and roads
- Plan for immediate restoration of the road network to all the panchayat of the block
- Assist the block administration in clearing the relief lines

POST:

- Visit the area, submit initial reports and help the block & Tahsil in damage assessment.
- Assess the damage to public road and buildings and submit the report to the Block Development Officer.
- Carry out restoration and reconstruction works as per the directives of the Block administration.

BLOCK EDUCATION OFFICER (BEO):

• PRE:

- Initiate awareness activities in schools by School Disaster Management Committee (SDMC).
- Preparation / updating of School Safety Plans.
- Conducting Community Awareness Programme (CAP) in schools by the Response forces like ODRAF, NDRF & Fire Service.
- Alert all the School Committees to keep the schools in readiness those to be used for safe shelters.
- Designate a local teacher or a staff of the same village nodal for the safe shelter for all coordination.
- Instruct the Head Master of identified school to be used as shelter to hand over keys of respective schools to the designated nodal Officer.
- Coordinate with WEO and BSSO for safety and security of inmates of the residential and special schools.

- Coordinate with Block Administration for making necessary basic arrangements like Drinking water, food and electricity / power back up for sheltering the evacuees.

DURING:

- Keep close watch on the warning and situation.
- Assist the block administration as per the assigned by BDO
- Issue instructions for closure of all schools in the block

POST:

- Asses all schools for verification of damages due to Cyclone / flood
- Preparation of Damage assessment report for damaged school in consultation with AEE / JE/ GPTA.
- Submission of the damage assessment report to the block and higher quarters.

MEDICAL OFFICER (MO) /IC:

PRE:

- Convene a preparatory meeting with all MO of CHC/ other Hospital, ANM SC/ HWC, BPMU, RKS members and other stakeholders to take a stock of all preparedness measures.
- Coordinate with CDM&PHO/DPHO and Block Administration for effective Preparedness & prompt Response.
- Taking stocks of essentials medicines, water purifying (Halogen) tablets, anti-snake venoms in CHCs, HWC, PHCs and other Hospital as required.
- Sufficient stocks of bleaching powder, chlorine powder, etc.
- Coordinate with ANM and ASHA to convene emergency meetings of Gaon Kalyan Samitis (GKS) to tackle impending emergency situation.
- Keep the hospital in readiness to meet any eventuality during the emergency.
- Safe storage of vaccines with proper cold chain arrangements
- Prepare contingency plan for monitoring hygiene and sanitation.
- Opening of a 24x7 control room.
- Relocate the patients to the safe areas within the hospital.
- Power backup arrangements and availability of safe drinking water to be made in all hospitals.
- Planning for shifting of pregnant women having EDD within 15 days to nearby Hospital /Maa Gruha immediately in coordination with CDPO on receipt of Cyclone/ Flood warnings.
- Identify & shift patients requiring intensive care to nearest medical facility.
- Constitute Mobile Health Units (MHUs) consisting of a doctor, health workers and ANMs to provide health services.
- Deploy Mobile Health Units alongwith required medicines to the vulnerable/ likely to be affected areas in advance.
- Initiate vaccination in the likely to be affected areas (as & when necessary) for prevention of communicable diseases.
- Availability of medical equipment and essential drugs.

- Earmark separate wards in the hospital for treatment of injured persons during disaster.
- Plan for mass casualty incident.

DURING:

- Deploy Rapid Response Teams (RRT) and carry out health care services.
- Coordinate with CDM&PHO & Block Administration for prompt Response.
- Medical (ante natal) check-ups for pregnant women in all shelters.

POST:

- Coordinate with CDM&PHO and Block Administration for effective delivery of health services.
- Public/Community Health Management, Logistic Management, Remote Area Planning, Disaster Site Management, Triage, Clinical Casualty Management, etc.
- Establish Helpline for providing information to the affected population.
- Initiate post disaster disease surveillance system and monitor the outbreak of epidemic.
- Organise Psycho-Social Counselling camps for the disaster affected population and Psychological Rehabilitation.
- Coordinate with Private Hospitals for treatment of the affected population, if required.
- Disinfection of open drinking water sources with support of ASHA & AWWs
- Enforce proper dead body management & early submission of post mortem report to the concerned authority.
- Arrange transportation/ambulance for seriously injured/ sick patients from PHCs/CHCs to referral hospitals.
- Submission of reports to the Collector & CDM&PHO.
- Organise Medical Relief Camps in affected areas with proper monitoring.
- Epidemiological Study of Disasters as per the instruction of the CDM&PHO/ DPHO.

BLOCK AGRICULTURE OFFICER (BAO):

PRE:

- Warning dissemination to all grass root level officers like VAW, Krushak Sathi.
- Immediate dissemination of crop advisories to farmers through miking and other arrangements
- Prepositioning of seeds at the LAMPS / PACS
- Prepare a database of dealers and shops for seeds, fertilisers, pesticides and farm machineries.

DURING:

- Maintain close coordination with the field staffs like VAW, Krushak Sathi to remain in their respective areas.

- Keep close watch on the situation

POST:

- Initiate joint enquiry of the crop loss in the area.
- Preparation of preliminary crop damage report with Tahasildar
- Assess the final crop damage and submit joint report to the District
- Preparation of beneficiary list (Farmers list) in case of crop loss
- Submission of beneficiary list to the Dist. Administration after joint verification with the RIs
- Collection of bank account details from the beneficiary for distribution of input subsidy
- Coordinate with VAW / Krushak Sathi to initiate field inspection and take immediate actions wherever necessary.

ASST. FIRE OFFICER (AFO) / STATION OFFICER (SO):

PRE:

- Coordination with the block administration for pre-positioning of response force and equipment.
- Readiness of man and machinery for quick response.
- Keep close watch on the warnings and situation
- Assist the Block Administration in evacuating the people from the vulnerable areas.

DURING:

- Remain alert and coordinate with Block administration for updates
- Keep close watch on the warnings
- Carry out search and rescue operation as and when required

POST:

- Assist block Administration in clearing the relief lines.
- Carry out search and rescue activities, if any.
- Extend necessary support to ODRAF and NDRF during response activities.
- Support the block administration in other response activities.

BLOCK VETERINARY OFFICER (BVO):

PRE:

- Keep close coordination with the Block
- Conduct a preparatory meeting of all VAS, Addl. VAS & LIs and take stock of the situation
- Formation of Mobile Veterinary Teams
- Listing of livestock population to be affected (Village wise)
- Assessment of requirement of feed and fodder basing upon livestock population.
- Creation of awareness among the livestock farmers

- Animals to be let loose during disasters
- In case of flood, the animals are to be shifted to high land areas
- Stocking of emergency medicines
- Initiate pre-vaccination drive in the area
- Steps to be taken for procurement of green & dry fodder
- Evacuation of livestock from low lying areas to nearby Animal shelter house / Cyclone shelter house / high land (Mound)
- Deployment of staff for health care measures of livestock in shelter house & other places
- Instruct staff members to remain alert and not to leave their respective head quarter

DURING:

- Remain alert and coordinate with Block administration for updates.
- Keep close watch on the warnings.
- Plan for supply of the feed, fodders, vaccines and mobile veterinary teams to the affected area to meet the requirements.

POST:

- Ensure MVU must reach the affected areas immediately
- Assess the number of livestock mortality, cases actually affected
- Take steps for disposal of carcasses, if any, following the protocol
- Distribution of feed & fodder basing in the affected area
- Place indent to the District Administration for procurement of cattle feed
- Organize animal health camps and coordinate vaccination drive in the affected areas.
- Ensure submission of daily situation report to the higher quarters

CHILD DEVELOPMENT PROJECT OFFICER (CDPO):

PRE:

- Coordinate with Block administration for updates
- Convene a meeting of all Supervisors & AWWs to take stock of the situation
- Keep close watch on the warnings & alert all field functionaries
- Make list of pregnant women from the portal (<https://wcd.odisha.gov.in/ICDS/mamata>) whose Expected Date of Delivery (EDD) is 15 days within the possible cyclone or flood and take necessary steps for shifting.
- Shifting the pregnant women to nearest hospitals before the cyclone strikes or flood occurs.
- Instruct all the staff members to remain present in their respective filed offices.
- Asses the stock position of THR at different AWCs
- Prepositioning of THR, in AWCs in likely to be affected areas.
- Keep stock of essential nutrition supplement required for children (below 5

years) pregnant woman & lactating mothers.

DURING:

- Keep close watch on the situation
- Instruct all staff members are present in their respective duty stations.
- Assist the Block Administration

POST:

- Assess the damage, if any, to AWCs
- Bring the damage to the knowledge of BDO and DSWO
- Assist the block administration in damage assessment of the Anganwadi centres
- Instruct all AWCs to start functioning and ensure nutrition supplements are provided to the students

JUNIOR ENGINEER, RWS&S:

PRE:

- Functionality of tube wells and PWS
- Filling of overhead tanks of PWS after the receipt of the warning
- Keep the man and machinery in readiness
- Assess the availability of materials and indent may be placed with the higher quarter for necessary procurement and positioning
- Provision of drinking water facility in MCS / MFS and identified safe shelters
- Keep mobile repairing units in readiness and arrange for gen sets, water tankers and additional storage tanks.

DURING:

- Keep close watch on the situation
- Maintain coordination with block administration for updates

POST:

- Disinfection of tube wells and other drinking water sources
- Repairing of damaged Tube wells and Pipe Water Supply (PWS) by the Self-Employed Mechanic (SEM)
- Arrange Power back up to the PWS
- Arrange safe drinking water for people in affected area

NODAL OFFICER DISASTER MANAGEMENT (GRAM PANCHAYAT EXTENSION OFFICER (GPEO)/ ANY OTHER DESIGNATED OFFICER)

PRE:

- Coordinate with the PRIs to remain in alert and disseminate the warning messages to the ward level as quickly as possible.
- Assess the GP/ Village/ population likely to be affected.
- Act as per role and responsibilities assigned.
- Evacuation with support of PRIs members.

DURING:

- Remain in alertness

- Keep close watch on the situation
- Act as per the role and responsibilities assigned by the Block Administration
- **POST:**
 - Assist the Block Administration in preparation of Post Disaster damage and Need Assessment.

INSPECTOR IN-CHARGE (IIC):

PRE:

- Maintain Coordination with the Block
- Take stock of the vulnerable areas
- Assess resources available
- Extend support required to other departments
- Assist the Block administration in evacuation
- Maintaining law and order, manage traffic, safety and security in safe shelters.
- Arrange for VHF communication in the strategic location

DURING:

- Restriction of vehicular movement in possible overtopping roads / bridges / culverts
- Maintain safety and security in the shelter places
- Provide support to disaster response forces in search and rescue operation

POST:

- Escorting the relief parties / materials to the different distribution points in coordination with BDO/Tahasildar.
- Safe custody of relief materials at the block warehouse
- Assist the response teams like ODRAF / NDRF / Fire service in clearing the road blockage and search & rescue operations
- Maintain law and order situation at the distribution points
- Keep close vigilant for cases of woman and child trafficking with support civil society organization.

JE, IRRIGATION:

PRE:

- Joint inspection of vulnerable points/ weak embankments with revenue field functionary & repair of the same.
- Pre-positioning of sand, bags, bullah in strategic points.
- Identification and repair of rat holes.

DURING:

- Safeguarding of vulnerable / weak embankments with the help of local police and revenue field functionaries.
- Keep close watch on water level of the rivers.
- Immediate restoration of weak embankments to prevent breaches.

POST:

- Repair and restoration of breaches in the embankments.
- Damage assessment in case of breaches in embankments.
- Submission of damage report to higher quarter.

THANK YOU