



BLOCK DISASTER MANAGEMENT PLAN (BDMP)



2024-25 GUMMA, GAJAPATI.

Prepared by:Block Disaster Management Coordination Committee, Gumma

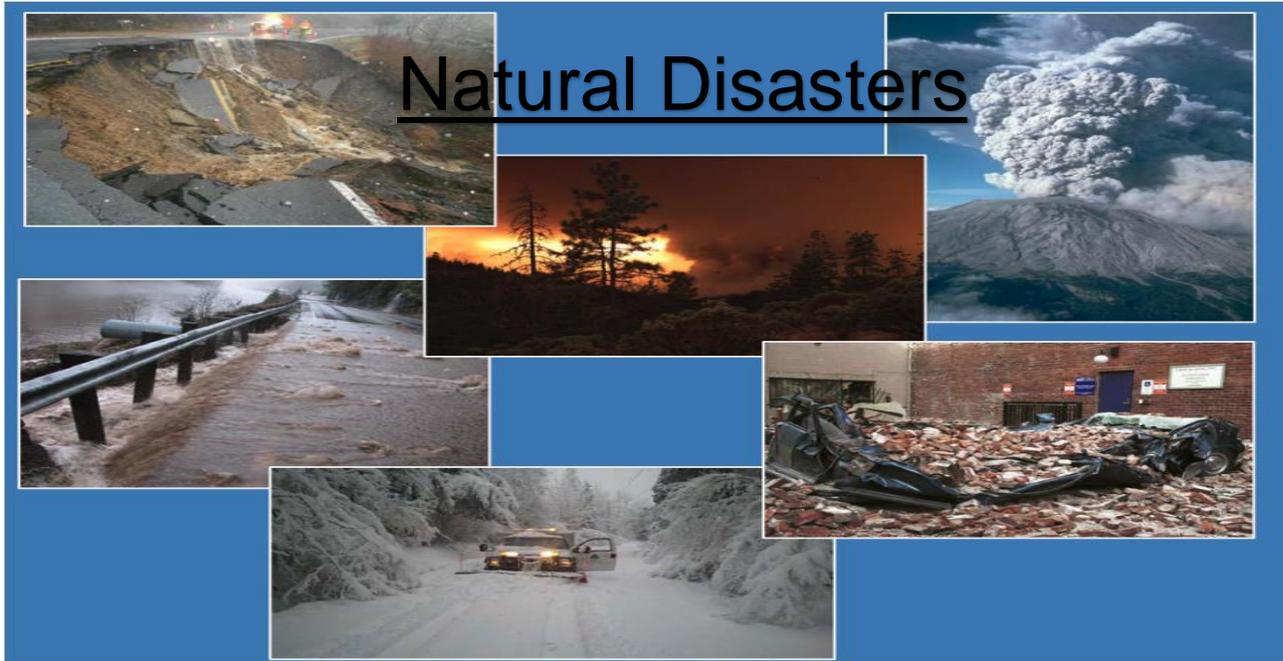
Panchayat Samiti Gumma, District: Gajapati

Submitted to District Disaster Management Authority, Gajapati

&

Odisha State Disaster Management Authority, OSDMA

Natural Disasters



Common Natural Disasters



MAN-MADE DISASTERS



MESSAGE



I am extremely happy to present the Block Disaster Management Plan (BDMP) for the year 2024-2025 of Gumma block which has been updated with adding new information and data's on it as per prescribed formats. The plan aim 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 Gumma 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 Gumma block of Gajapati district also been witnessed to variety of disaster like – incessant flood, forest fire and landslides.

I do express my sincere thanks to all block officials, DDMA, Gajapati, for all their constant effort and support to update Gumma block disaster management plan. The BDMP has critically planned for inclusion of all aspects (response, recovery, capacity development, mitigation and management) chapter wise. There are 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 Gumma block.


Block Development Officer
Gumma

Block Development Officer,
Gumma, 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 Centers
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
GPDM –	Gram Panchayat Disaster Management Plan
GOI -	Government of India
GPDM –	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

Sl No.	Particulars	Unit (in Numbers)
1.	Gram Panchayat	20
2.	Revenue Village	216
3	RI Circle	7
4.	Police Station	2 (Seranga & Paralakhemundi)
5	Fire stations	1
6.	Railway Stations	0
7	Community Health Centre (CHC)	1
8	Primary Health Centre (PHC)	3
9	Any other Govt./Pvt. Hospital	0
10.	Sub-Centre (SC)/ Health Wellness Centre	5/14
11.	Veterinary Hospital	1
12.	LI Point	6
13.	Primary School	83
14	Upper Primary School	20
15	High School	16
16	Other Govt./Pvt. Educational Institutions	1
17	Residential Schools	24
18	Multi-purpose Cyclone/Flood Shelter	0
19	Child Care Institution/Maa Gruha	3(Creche)/1
20	Old Age Home	NA
21	Common Service Centre/E-Sahajoga Kendra/MSK	102
22	High secondary college	04

CHAPTER-I

1.1 Overview of the Block



Gumma block is one the CD (Community Development) block out of 7 blocks of Gajapati district, longitude and latitude of block – is 19,82538 and Longitude is 84,83108. After Odisha province unification Gumma region comes under Gajapati district of Odisha. Block situated on the bank of river Bansadhara. The block became a separate block in April -1954, previously it was in Paralakhemundi (Gosani block). The Gumma block boundaries touches to Rayagada Dist in North-west, Kashinagar block in West. Nuagada in North-East . Rayagada Block in East. Gosani block in South –east & South part completely surrounded by Andhra Pradesh. People of this block predominately depend upon the agriculture, NTFP and allied activities for their livelihood. ST (scheduled tribe) & OBC are the dominating community residing in the block.

1.2 Area and administrative division

The block came to form in the year 1962 and has 20 Gram Panchayat , 7 RI circle and 216 revenue villages. The distance of block from the district head quarter is 25 KM by road. The block is vulnerable in disaster like Flood, Landslide, Cyclone and Forest fire.

There are GP's like Ajayagada, Bada Kalakote, Kujasing, Namangada, Tumula etc. are prone to landslide vulnerabilities.



**GUMMA BLOCK
GAJAPATI DISTRICT**

ADMINISTRATIVE BOUNDARY



Data Source:
Census 2001

INDIA	ODISHA	GAJAPATI	LEGENDS	Scale:
<p>ODISHA</p>	<p>GAJAPATI</p>	<p>GUMMA</p>	<ul style="list-style-type: none"> Block Headquarter Block Boundary Gp boundary Village Boundary GP Name Village Name 	<p>2.5 1.25 0 2.5 Kilometers</p>
<p>Map Complied By:</p>				<p>NIC Bhubaneswar, Odisha.</p>

1.3 Demographic Details:

Sl No	Name of the G.P	No of villages	No. of HH	Total Male	Total Female	Total Population (M+F)
1	2	3	4	5	6	7
1	AJAYAGADA	8	735	1666	1977	3643
2	BADAKALAKOTE	14	741	1827	1787	3614
3	BAIJHAL	10	623	1344	1515	2859
4	BHUBANI	14	899	2424	2386	4810
5	BRUSHAVA	9	725	1626	1678	3304
6	DUMBADA	10	305	749	754	1503
7	GAIBA	14	987	2239	2427	4666
8	GUMMA	7	1121	2414	2947	5361
9	JEEBA	7	1117	2272	2389	4661
10	JHAMI	10	1002	2249	2189	4438
11	KUJASINGI	12	1240	2503	2727	5230
12	MUNISINGI	9	459	1068	1122	2190
13	NAMANGADA	16	1102	2333	2410	4743
14	PORIDA	7	957	2214	2246	4460
15	RAGIDI	12	465	990	1080	2070
16	SERANGO	4	645	1661	1588	3249
17	TARANGADA	19	1128	2662	2595	5257
18	TARAVA	10	784	1865	1856	3721
19	TUMULA	14	847	1796	1977	3773
20	UKHARA	14	1492	3160	3261	6421
Grand Total		220	17374	39062	40911	79973

Sources – Block administration

1.4 Rainfall (Annually)

Sl	Month	Normal Rainfall (in mm)	Actual Rainfall (in mm)		
			2021	2022	2023
1	January	—	—	—	—
2	February	—	—	—	—
3	March	—	—	—	—
4	April	—	—	—	—
5	May	—	—	—	—
6	June	—	161.4 mm	98.6 mm	101.2 mm
7	July	—	272.4 mm	168 mm	200.8 mm
8	August	—	103.2 mm	256 mm	344.4 mm
9	September	—	100.8 mm	375.2 mm	24.6 mm as on 12.09.22
10	October	—	291.6 mm	236.8 mm	
11	November	—	5.8 mm	60.5 mm	

Sources – Block Administration

NB:-Highest rain fall Recorded (in one day)
Rain Recording station – Gumma

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)
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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 (Ha)	Grazing land (Ha)	Forest Land (Ha)	Others	Total area
1	AJAYAGADA	654.638	454.23	181.81	0	7182.42
2	BADAKALAKOTE	410.77	11982	0	0	530.39
3	BAIJHAL	391.807	11398	0.952	119.868	626.67
4	BHUBANI	800.647	23.172	4.385	339.784	1415.217
5	BRUSHAVA	1199.742	89.68	83.546	242.03	1614.998
6	DUMBADA	1145.119	35435	231		36811
7	GAIBA	1121.11	22.253	57436	311.343	1512.143

8	GUMMA	NA	NA	NA	NA	NA
9	JEEBA	269.3138	26.5033	65.7953		361.6127
10	JHAMI	555.7621	4.9454	0.0000		560.7074
11	KUJASINGI	515.4642	11.4233	10.3727		537.2602
12	MUNISINGI	654638	45423	181.810	0	881.916
13	NAMANGADA	410.77	11982	0	0	12392
14	PORIDA	391.807	11398	0.952	119.868	524.025
15	RAGIDI	800.647	23.172	4.385	339.784	1167.988
16	SERANGO	1199.742	89.68	83.546	242.03	1614.998
17	TARANGADA	1145.119	35435	231		36811
18	TARAVA	1121.11	22.253	57436	311.343	1512.143
19	TUMULA	1021.03	21.143	56542	295.312	1021.123
20	UKHARA	1010.03	20.531	51245	125.145	1253.120

Sources – Tahasil office, Gumma

1.6.2 Land Holding Pattern: (No. of HH)

GP Name	Large Farmers	Marginal farmers	Small Farmers	Agricultural laborers/ Share Croppers	Landless	Total
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AJAYAGADA	132	346	212	218	210	1118
BADAKALAKOTE	108	291	177	184	176	936
BAIJHAL	82	212	129	132	129	684
BHUBANI	113	290	178	181	175	937
BRUSHAVA	207	537	329	336	323	1732
DUMBADA	156	405	248	251	247	1307
GAIBA	116	301	183	186	182	968
GUMMA	71	187	114	121	111	604
JEEBA	82	216	131	131	134	694
JHAMI	91	244	149	146	158	788

KUJASINGI	65	174	107	113	105	564
MUNISINGI	158	424	276	232	231	1321
NAMANGADA	132	346	212	218	210	1118
PORIDA	108	291	177	184	176	936
RAGIDI	82	212	129	132	129	684
SERANGO	113	290	178	181	175	937
TARANGADA	207	537	329	336	323	1732
TARAVA	156	405	248	251	247	1307
TUMULA	116	301	183	186	182	968
UKHARA	71	187	114	121	111	604

Sources – Tahasil Office, Gumma

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	AJAYAGADA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	597	40.57
2	BADAKALAKOTE	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	525	16.81
3	BAIJHAL	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	484	25.41
4	BHUBANI	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES,, SPICES	535	22.86
5	BRUSHAVA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, COTTON, SUNHEMP, CROPS, SPICES	605	18.00
6	DUMBADA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	417	1.55
7	GAIBA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, COTTON, SUNHEMP, CROPS, SPICES	574	42.16
8	GUMMA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES,SPICES	575	22.56
9	JEEBA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SUNHEMP, SPICES	866	122.31
10	JHAMI	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	748	209.28
11	KUJASINGI	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, COTTON, SUNHEMP, CROPS, SPICES	668	30.90

12	MUNISINGI	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	510	17.48
13	NAMANGADA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, COTTON, SUNHEMP, CROPS, SPICES	687	50.13
14	PORIDA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, COTTON, SUNHEMP, CROPS, SPICES	833	72.77
15	RAGIDI	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES,, SPICES	504	13.93
16	SERANGO	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, FIBRE CROPS, SPICES	531	8.69
17	TARANGADA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, COTTON, SUNHEMP, CROPS, SPICES	823	58.37
18	TARAVA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES,, SPICES	602	22.87
19	TUMULA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES,, SPICES	641	5.39
20	UKHARA	PADDY,MAIZE, MILLETS, PULSES, OILSEEDS,VEGETABLES, SPICES	748	43.98

Sources – Block Agriculture Office

1.6.4 Livelihood Details:

Name of the Block	Total house holds	Agriculture	Wage labor	Horticulture	Fisherman	Petty Businesses	Others (specify)
GUMMA	17374	1650	5822	1985	1240	1052	7884

Sources: Block administration

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

Name of Gram Panchayat	Type of Houses				Total
	No. of Kuchha Houses	No. of Pucca Houses	Semi	No. of Pucca Houses	
AJAYAGADA	45	210		95	
BADAKALAKOTE	43	180		101	
BAIJHAL	38	241		112	
BHUBANI	37	179		203	
BRUSHAVA	36	205		214	
DUMBADA	41	188		211	
GAIBA	39	198		129	
GUMMA	68	110		168	
JEEBA	29	250		260	
JHAMI	58	285		213	
KUJASINGI	27	179		256	
MUNISINGI	45	203		154	
NAMANGADA	49	236		189	
PORIDA	65	184		123	
RAGIDI	57	209		216	
SERANGO	62	234		246	
TARANGADA	52	289		245	
TARAVA	51	197		213	
TUMULA	68	110		168	
UKHARA		250		159	

Sources – PEO (Panchayat executive officers)

1.6.6 Drinking Water Sources

Name of the GP	Tube well	Over Tanks	Head	PWS	Mega PWS	Others
AJAYAGADA	53	1		1	0	
BADAKALAKOTE	30	1		0	0	
BAIJHAL	79	2		2	0	
BHUBANI	46	1		1	0	
BRUSHAVA	57	0		0	0	
DUMBADA	16	0		0	0	
GAIBA	63	1		2	0	
GUMMA	82	1		1	0	
JEEBA	41	1		3	0	
JHAMI	46	1		2	0	
KUJASINGI	76	1		1	0	
MUNISINGI	53	0		0	0	
NAMANGADA	63	2		2	0	
PORIDA	84	1		1	0	
RAGIDI	65	1		2	0	
SERANGO	31	1		1	0	
TARANGADA	61	0		3	0	
TARAVA	85	0		1	0	
TUMULA	40	0		1	0	
UKHARA	71	0		0	0	

Sources – RWSS, GUMMA

1.6.7 Infrastructure

S	Name of the GP	PDS Outlets	Post Offices	Police Station/ Outpost	Pucca buildings	SDH/CHC	PHC	Dispensary	Cyclone/flood Shelters	Educational Institutions			Livestock centers	Cottage Industries	Industries	Godown	Bank	AWC	RI Office
										ME	High	College							
1	AJAYAGADA	1	1	0	-	1 C H	-	-	-	2		3	1	-	0	0			1
2	BADAKALAKOTE	1	1	0	-	1	-	-	-	5		1			1	0			1
3	BAIJHAL	1	1	0	-	1	1	-	-	4					1	0			1
4	BHUBANI	1	1	0	-	1	-	-	-	3					1	0			1
5	BRUSHAVA	1	1	0	-	1	-	-	-	3					1	0	0		1
6	DUMBADA	1	1	0	-	1	-	-	-	4					1	0			1

7	GAIBA	1	1	-	-	1	1	-	-	4				1	0		1
8	GUMMA	1	1	-	-	1	1	-	-	3				1	1		1
9	JEEBA	1	1	-	-	1	-	-	-	5				1	0		1
10	JHAMI	1	1	-	-	1	0	-	-	3				1	0	0	1
11	KUJASINGI	1	1	-	-	1		-	-	4				1	0		1
12	MUNISINGI	1	1	-	-	1		-	-	4				1	0		1
13	NAMANGADA	1	1	-	-	1		-	-	5				1	0		1
14	PORIDA	1	1	-	-	1	0	-	-		3	1	1	0	0	0	1
15	RAGIDI	1	1	-	-	1		-	-	5				1	0		1

1 6	SERANGO	1	1	1	-	1			-					1	1		1
										4							
1 7	TARANGADA	1	1	-	-	1	1	-	-					1	0		1
				0						5							
1 8	TARAVA	1	1	-	-	1	-	-	-					1	0		1
				0						4					0		
1 9	TUMULA	1	1	-	-	1	-	-	-					1	0		1
				0						3							
2 0	UKHARA	1	1	-	-	1	-	-	-					1	0		1
				0						4							

Sources – Block administration

1.6.8 Industries: Not available in Gumma block

Name of the GP	Name of the Industries	Type of industry	Manpower employed	Infrastructure available	Chemicals used	Production
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Sources – PEO's of all GP

1.6.9 Financial Institutions (Banks):

Sl. No	Name of the GP	Name of the Bank	Location and Contact person	Contact Number
01	GUMMA	SBI	SADANAND GOUDA	8018442911
02	SERANGA	SBI	DEVU GANESH KRISHNA	8249430769

Sources – Block administration

1.6.10 Communication network-

Sl. No	Type of alternate communication	Name & Address of the Contact person	Telephone Number
1	VHF station	IIC, SERANAG	9439186206
2	HAM amateur radio stations	NA	
3	DMR Radio	NA	
4	Others (If any)		

(Sources – Irrigation department)

1.6.11 Other Irrigation Facilities and Sources:

Name of the Block	No. of LI points	Remarks
Gumma	6	

NB.: GP wise list of LI points to be annexed

CHAPTER-II
HAZARD & VULNERABILITY ANALYSIS
2.1 History of Disasters

Sl No	Types of Hazards	Year of Occurrence	GPs Affected (Numbers)	Types of Loss				
				Human	Live-stock	Crop	Houses	Infrastructure
1.	Flood	1980	03	–	–	–	–	–
2.	Flood	1992	03	–	–	–	–	–
3.	Flood	2006	03	–	–	–	–	–
4.	Flood	2007	03	–	–	–	–	–
5.	Flood	2008	03	–	–	–	–	–
6.	Cyclone –Titili	2018	03	–	–	–	5558	–
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/ULB	Village	Population	
Flood	July –Sep				
			20	6000	
Landslide	July – Sep		5	1500	
Cyclone	Sep, Oct, May				
			NAC	1700	
			4		
			5		
Drought	June –July				

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	July, August, October	3	15	5223	Dumbuda & Badakalkote & Kujasing
Land Slide	July to September	1	10	1266	Dumbuda & Badakalkote & Kujasing
Cyclone	Summer cyclone & Rainy day cyclone	12	149	All	All
Snake bite	In Rainy days	12	149	All	All
Drowning	Flood season and other than flood season	3	14	2300	Dumbuda & Badakalkote & Kujasing

2.4.0 Food security

SL NO	NAME OF THE GP	TOTAL NO OF HOUSEHOLDS	CATEGORY	
			NFSA	SFSS
1	AJAYAGADA	512	102.85	277.90
2	BADAKALAKOTE	696	137.10	28.00
3	BAIJHAL	667	117.90	24.85
4	BHUBANI	403	88.45	262.50
5	BRUSHAVA	793	163.75	15.05
6	DUMBADA	292	59.70	16.45
7	GAIBA	1089	224.30	32.20
8	GUMMA	1163	215.80	37.45
9	JEEBA	1161	190.40	51.45
10	JHAMI	1078	173.85	57.40
11	KUJASINGI	774	140.15	72.80
12	MUNISINGI	681	150.15	24.50
13	NAMANGADA	1075	201.90	44.45

14	PORIDA	865	161.25	44.80
15	RAGIDI	485	96.10	15.05
16	SERANGO	666	132.90	19.25
17	TARANGADA	1144	242.50	25.90
18	TARAVA	732	146.45	32.90
19	TUMULA	882	192.00	22.05
20	UKHARA	1098	225.35	33.25

(CSO – Civil supply)

2.4.1.No of Households under Food security:

Sl. No	Total Number of HH	Category	
		NFSA	SFSS
1	16256	19508	316

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	AJAYAGADA	182	69	81	0	0
2	BADAKALAKOTE	222	79	82	0	0
3	BAIJHAL	112	32	89	0	0
4	BHUBANI	220	79	115	0	0
5	BRUSHAVA	189	89	105	0	0
6	DUMBADA	92	62	72	0	0
7	GAIBA	220	71	87	0	0
8	GUMMA	242	69	83	0	0
9	JEEBA	252	79	103	0	0
10	JHAMI	272	87	115	0	0
11	KUJASINGI	320	62	105	0	0
12	MUNISINGI	206	79	103	0	0
13	NAMANGADA	311	89	115	0	0
14	PORIDA	232	79	103	0	0
15	RAGIDI	118	82	37	0	0
16	SERANGO	203	42	82	0	0
17	TARANGADA	272	72	125	0	0
18	TARAVA	211	69	89	0	0
19	TUMULA	189	96	103	0	0
20	UKHARA	380	32	103	0	0

Sources – Block social security Office

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

2.5.1 Cyclone

Sl	Name of the GP	No of Villages	No of Fisherman Habitation	Population	Distance from the Sea level	Remarks	
1	Kujasing & Dumbada & Badakalote	29	0	3785	10		

2.5.2 Flood

Sl	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
	0	0	0	0	0	0	0	0	0

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	Gumma	6788	7458	5755	7488

2.5.4 Area Specific Disaster

Sl No	Disaster	Name of the GP/ULB	No of Villages	Population	Remarks	
1	Drought	All GPs	3	650		
2	Lightning	All GPs	0	0		
3	Forest Fire	Gumma	1	1		
4	Land slide	Badakalakote, Dumbada, Kujasingi and Namanagada	2	2		
5	Flood	-	0	0		
6	Snake Bite	-	0	0		
7	Cyclone	Badakalakote, Dumbada, Kujasingi and Namanagada	2	2		

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

Sl	Particulars	Flood	Cyclone	Forest Fire	Landslide	Snake Bite	Lightning	Drought
1	Gram Panchayat	20	4	0	4	0	0	0
2	Revenue Village	19	4	0	4	0	0	0
3	Educational Institutions/ Residential Schools	0	4	1				
4	Anganwadi Centers	316	281	281	Badakalakte, Dumbada, Kujasingi and Namanagada			
5	Special Schools	-	-	-	-	-	-	-
6	Health institutions							
7	Woman Care Centers/Maa Griha	NA	NA	NA	NA	NA	NA	NA
8	Orphanage	NA	NA	NA	NA	NA	NA	NA
9	Child Care Institution	NA	NA	NA	NA	NA	NA	NA
10	Old Age Home	NA	NA	NA	NA	NA	NA	NA

[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)
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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)
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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	4	<i>Panchayat Samiti Gumma</i>	<i>9439887800</i>
	Truck	0		
	Boats	0		
	Ambulance	4	<i>Medical Office</i>	<i>8847894478</i>
	Country boat	0		

3.1.2 Water Supply(RWSS)

Resource Type	Details	Numbers	Agency/Association name	Contacts with Telephone No.
<i>Drinking water</i>	Tankers	1	<i>RWSS</i>	<i>8658841381</i>
	Overhead tanks	0	0	
	Mobile tankers		<i>Diver</i>	<i>9439023695</i>

3.1.3 Debris & Road Clearance

Resource Type	Details	Numbers	Agency/ Association name	Contacts with Telephone No.
<i>Cleaning and Cutting Equipment</i>	Chain Saw	0	0	0
	Proklins	0	0	0
	Earthmoving Vehicles (JCB)	2	2	<i>9439213057</i>
	Debris/Road Clearance equipment	0	0	0
	Tractor	30	-	-

3.1.4 Other Resources

Resource Type	Details	Numbers	Agency/Association name	Contacts with Telephone No.
Other Resources	Tower light	-	-	-
	Gen sets	-	-	-
	Pump set	-	-	-

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	Ragidi	Panchayat Samiti Gumma	1	0	0	0	0	0
2	Badakalakote		1	0	0	0	0	0
3	Dumbada		1	0	00	0	0	0
4	Tumula		1	0	0	0	0	0
5	Serango		1	0	0	0	0	0
6	Bhubani		1	0	0	0	0	0
7	Munising		1	0	0	0	0	0

S L N O	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	AJAYAGADA	PUCCA	AJAYAGADA	500	WSHG	8763176028	
2	BADAKALAKOTE	PUCCA	BADAKALAKOTE	400	JILIAN SABAR	8895684735	
3	BAIJHAL	PUCCA	BAIJHAL	350	Abata Raita	8480236895	
4	BHUBANI	PUCCA	BHUBANI	350	Jikhariya Raita	9437258325	
5	BRUSHAVA	PUCCA	BRUSHAVA	750	Aliya Raita	8480875998	
6	DUMBADA	PUCCA	DUMBADA	650	Jisaya Singh	8895583343	
7	GAIBA	PUCCA	GAIBA	400	Sasmita Gouda	9439324430	
8	GUMMA	PUCCA	GUMMA	350	Babula Karai	7751044074	
9	JEEBA	PUCCA	JEEBA	300	Trinath Patra	8249602673	
10	JHAMI	PUCCA	JHAMI	200	Tapaswini Devi	9348149845	
11	KUJASINGI	PUCCA	KUJASINGI	400	Rukshyanjali Sabar	7438846712	
12	MUNISINGI	PUCCA	MUNISINGI	200	Abhimanyu Sabar	8144823861	
13	NAMANGADA	PUCCA	NAMANGADA	500	Damodar Nayak	9348216006	
14	PORIDA	PUCCA	PORIDA	400	Dharmendra Sabar	8480152946	
1	RAGIDI	PUCCA	RAGIDI	350	WSHG	8480152946	

S L N O	NAME OF THE GP	TYPE OF STORAG E STRUCT URE	LOCATION(VI LLAGE/GP)	CAPACIT Y(IN QNTL)	CONTACT PERSON (Jogan Sahayak)	ADDRESS AND PHONE NO	REMA RKS (GOVT/ PVT)
5							
1 6	SERANGO	PUCCA	SERANGO	350	Swatika Mandal Nayak	6305229323	
1 7	TARANGADA	PUCCA	TARANGADA	750	Biswanath Sabar	6372891688	
1 8	TARAVA	PUCCA	TARAVA	650	Nial Gamango	9438251079	
1 9	TUMULA	PUCCA	TUMULA	400	NA	NA	
2 0	UKHARA	PUCCA	UKHARA	350	Dilon Gamango		

3.4 Health Institutions

Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in change
Gaiba	HWC	7	
Baijhal	PHC	9	
Gumma	PHC	15	8847894478
Namanagada	HWC	7	
Tarangada	HWC	8	

Health Facility

S L N O	Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in chage	Oxyg en Cylin der	Oxyge n Conce ntrator	Life Saving Drugs	Ambulanc e
1	AJAYAGADA	AAM SC	HWM-1 HWF-1	9439023852	No	No	YES	No
2	BADAKALAK OTE	AAM SC	HWF-1 CHO-1	7655004036	No	No	YES	No
3	BAIJHAL	SC	HWF-1 HWM-1	9692604520	No	No	YES	No
4	BHUBANI	No Health facility available.						
5	BRUSHAVA	No Health facility available.						

6	DUMBADA	No Health facility available.							
7	GAIBA	SC	HWF-1 HWM-1	9439984198	No	No	YES	No	
8	GUMMA	SC	HWF-1	9439984206	No	No	YES	No	
9	JEEBA	AAM SC	HWF-1 HWM-1 CHO-1	9692193649	No	No	YES	No	
10	JHAMI	AAM SC	HWF-1 HWM-1	8114761350	No	No	YES	No	
11	KUJASINGI	AAM SC	HWF-1 CHO-1	8260777515	No	No	YES	No	
12	MUNISINGI	AAM SC	HWF-1 HWM-1 CHO-1	8144354580	No	No	YES	No	
13	NAMANGADA	SC	HWF-1 HWM-1	9777674667	No	No	YES	No	
14	PORIDA	AAM SC	HWF-1	7894757767	No	No	YES	No	
15	RAGIDI	No Health facility available.							

3.5 Police Stations

Police Station	Name of the G.P (Location)	Staff Available	Name and Contact number of IIC
Gumma	Serango	25	9439186206

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 Double) or
1	O	O	O	O	O	O	O

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

Detail information on village on vulnerable people and shelter center (Continent Plan)
Gumma Block

Sl. No	NAME OF GP	VULNERABLE VILLA	FAMILIES	MALE	FEMALE	TOTAL	SHELTER PLACE
1	Ajayagada	Jangtar	29	66	72	138	Church/AWC
2	Ajayagada	Luhara	105	101	116	217	Church/AWC
3	Badakalakot	Bangidsingi	23	39	46	85	PS Bagidising
4	Badakalakot	Kulang	33	87	82	169	PS Kulang
5	Badakalakot	Titisingi	26	71	61	132	Church/AWC
6	Badakalakot	Jangrital	20	20	40	60	Church/AWC
7	Bhubani	Sindibur	66	188	192	380	Church/AWC
8	Bhubani	Kinjarpadar	65	120	127	247	Church/AWC
9	Brusava	Buraisingi	11	289	323	612	PS Buraisingi
10	Dumbada	Maranda	37	86	92	178	Church/AWC
11	Dumbada	Tamaigojang	65	154	147	301	PS Tamaigojang/AWC
12	Galba	Kimboosing	97	217	193	410	Church/AWC
13	Galba	Barusing	61	78	91	169	PS Barusing
14	Gumma	Sarsang	27	61	81	142	Church/AWC
15	Kujasing	Balumunda	103	220	239	459	PS Balumunda/AWC
16	Kujasing	Gangapur	76	175	195	370	Church/AWC
17	Kujasing	Gira	253	495	584	1079	PS Gira/AWC
18	Kujasing	Kundasing	104	138	151	289	PS Kundasing
19	Munsing	Uper Khilimunda	48	101	107	208	PS Khilimunda/AWC
20	Serango	Roising	40	108	111	219	Church/AWC
21	Tarangada	U Panguda	28	54	58	112	PS Panguda
22	Tarangada	U Tamusing	52	126	148	274	PS T Tamusing / AWC
23	Tumula	Tumchar	44	101	102	203	PUPS Tumchur
24	Tumula	Ayada	24	57	54	111	Church/AWC
25	Tumula	Rangalmate	30	60	62	122	Church/AWC
26	Ukhura	U Minjili	76	157	179	336	PS Minjili/AWC
27	Ukhura	U Sari	112	267	259	526	PS U sari/PS T Sari/AWC
28	Ukhura	U Ukhura	218	423	460	883	Church/AWC
29	Baihal	Bebe	57	119	156	275	PS BEBE
			1930	4178	4528	8706	

3.9 Human Resources:

Expertise	Availability in Number
Doctor	8847894478
Fire personnel	8895776275
ASHA	9439984070
AWW/Helper	9439189437
Other Health professional	NA
AYUSH Professional	NA
SEM (Tankers/PWS/ Gen sets)	NA
Drivers (Road and Water ways)	NA

3.10 List of NGOs in DM-

Name of NGOs and CBOs	Area of Operation	Sector	Volunteers available	Professional	Contact Address
PREM	Odisha	Livelihood, Education		5	9437260503

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	100	50	50	0		
02	Aapda Mitra	200 (proposed)					
03	Disaster Management Teams	4 FSMMC/ CSMMC					
04	Civil Defence	0	0	0	0	0	0
05	NCC						

CHAPTER-IV

PREPAREDNESS PLAN

4.1 Preparation/Updating of Disaster Management Plan of Block.

Sl 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)

- The Village Disaster Management Plan has been prepared in ____ villahges Block . The communities in these villages have assessed the hazard, risk and vulnerability affecting their lives, livelihood and other living conditions. They have planned necessary activities to be accomplished by them before, during and after any disaster strikes in their locality. Mitigation measures also incorporated in the plan and it has been approved in Pallisabha/ Gram Sabha. The Plan is reviewed and updated annually in the month of March by the concerned villagers.

-

- 4.2.2 Gram Panchayat Disaster Management Plan(50 Words)

- The Gram Panchayat Disaster Management Plan is in the process of preparation in one of the Gram Panchayat out of 25 in the block. The Plan involves representatives from Panchayat Raj Institutions, Panchayat level Govt. officials that include LI/Para Vet,RI or ARI, School Head Master, JE/GPTA of the concerned GP, ANM or any member from the local health institutions, VAW ; GPLF, ICDS and representation from PWDs

-

- 4.2.3 Tsunami Preparedness Plan (50 Words)

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

Table top exercise is conducted at the block level on 18th June . This exercise gives opportunity for a reality check of the disaster management plan and helps in identifying the gaps and it's bridging up. In this table top exercise, all line departments participate and presents their preparedness, response and post disaster relief and rehabilitation plan in the wake of disaster situation. Through this mock exercise , entire activities starting from early warning, evacuation, shelter management , emergency time food and other measures , back home of the evacuated people , relief, post disaster need assessment , reconstruction and rehabilitation all discussed by respective line department as per SOP. Similarly, the community level mock drill is performed on 19th of June.

4.2.5 Table Top Exercise to assess preparedness (50 Words)

Table Top Exercise will be conducted on 18th June of the year to assess the level of preparedness of each line department and the Block Administration as a whole . Since, the exercise will be conducted based on a mock disaster situation, this will help in reviewing the preparedness plan and simultaneously help in identification of gaps. The aspects relating to early warning , evacuation , shelter management, preparedness at shelter level can be reviewed well and this way it will help in strengthening the level of preparedness.

4.2.6 Training & Capacity building in the Block

4.3 Awareness Generation Activities (Annexure Leaflets)

Sl 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- Gumma	April
3	Snakebite	Entire block population	CHC- Gumma	May- June
4	Sanitation & Hygiene	Entire block population	CHC- Gumma	June

5	Drowning Prevention	3 GPs (Gumma, Badakalakote, Dumbada)	Fire and PHC	May – June
6	Tsunami (Coastal Villages)	Entire block population	CHC- Gumma	November
7	Epidemic/Pandemic	Entire block	CHC & NGO	November

4.4 Stakeholder Mapping

SI	Level	Designation	Contact (Landline)	Contact (Mobile)
1	District	District Collector/DM	06815-222397	9437561919
2		ADM	06815-223333	9437166214
3		CDO-cum-EO, ZP	06815-222420	9937274006
4	Sub Division	Sub Collector	06815-222226	9777516745
		Block Development Officer- 9439887800		
1	Block	Tahasildar		7606084441
2		MO I/C		8847894478
3		CDPO		9437575080
4		Fire Officer		8895776275
1	Gram Panchayat	Sarpanch/ Panchayat Samiti members		
		Shelter Nodal Officer		
		Sarpanch		9692741479
		Sarpanch		9439388081
		Sarpanch		8926066269
		Sarpanch		8763576806
		Sarpanch		9438065869, 8763494969
		Sarpanch		8280141853
		Sarpanch		9348941476
		Sarpanch		8763840553
		Sarpanch		8455894010
		Sarpanch		9178972406
		Sarpanch		7735605228
		Sarpanch		9827322863
	Sarpanch		8260046867	
	Sarpanch		7339345131	

SI	Level	Designation	Contact (Landline)	Contact (Mobile)
		Sarpanch		8763267454
		Sarpanch		7656822900
		Sarpanch		8917606351
		Sarpanch		6372716662
		Sarpanch		8895021784
		Sarpanch		7849092545
		Samiti		9692633310
		Samiti		9437204076, 7978824908
		Samiti		9827499238
		Samiti		8480652523
		Samiti		9439286372
		Samiti		8480188964
		Samiti		7735018212
		Samiti		9348908171, 9437310961
		Samiti		8818744119
		Samiti		7855891997
		Samiti		9439356713
		Samiti		8763198353, 7684982615
		Samiti		9861146834
		Samiti		9337619688, 637159474
		Samiti		9040148652
		Samiti		7847977323, 9439243443
		Samiti		9348585798, 7750972577
		Samiti		9692820265
		Samiti		9437633235
		Samiti		7735293631
		Shelter Nodal Officer		

4.5 Status of preparation of GPDMP& VDMP

SI	Total number of GPs	GPDMP Prepared (Yes/No)	Total Number of Villages	Number of villages where VDMP prepared
1	AJAYAGADA	Y	7	4
2	BADAKALAKOTE	Y	8	5
3	BAIJHAL	Y	7	4
4	BHUBANI	Y	10	6
5	BRUSHAVA	Y	11	5
6	DUMBADA	Y	8	06
7	GAIBA	Y	7	2
8	GUMMA	Y	7	01
9	JEEBA	Y	5	3
10	JHAMI	Y	7	4
11	KUJASINGI	Y	7	01
12	MUNISINGI	Y	5	4
13	NAMANGADA	Y	5	5
14	PORIDA	Y	7	05
15	RAGIDI	Y	8	2
16	SERANGO	Y	9	2
17	TARANGADA	Y	11	2
18	TARAVA	Y	8	06
19	TUMULA	Y	7	1
20	UKHARA	y	7	01

CHAPTER-V

RESPONSE PLAN

5.1 Block Disaster Management Core Committee: Gumma formed on the date of 30/07/2022 Vide letter no 1597/ Office of Panchayat Office, Gumma

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	NA	9439887800
2	Tahasildar	NA	7606084441
3	AEE	NA	7008299078
4	MO I/c	NA	8847894478
5	CDPO	NA	9437575080
6	BSSO	NA	9437889909
7	Block Agriculture Officer	NA	8249440683
8	Block Veterinary Officer	NA	9337589868
9	Marketing Inspector	NA	9777171622
10	GPDO,Gumma	NA	9124045777
11	IIC	NA	9439186206
12	Station Officer, Fire Services	NA	8895776275

5.2 Zonation of Block

SL	Name of the officer	Name of GPs assigned	Contact details of the Officer
01	BDO, GUMMA	AJAYAGADA,TUMULA,SERANGOBHUBANI, GUMMA	9439887800
02	AEE, GUMMA	BAIJHAL, BRUSHAVA, GAIBA, PORIDA,MUNISINGI	7008299078
03	Tahasildar ,Gumma	BADAKALAKOTE, DUMBADA, RAGIDI, TARAVA, UKHARA	7606084441
04	GPDO, GUMMA	KUJASINGI, JHAMI, JEEBA, NAMANGADA, TARANGADA	9124045777

5.4 Relief Officer

Sl	Name of the Gram Panchayat/Village	Relief Officer	Contact details of the Officer
1	AJAYAGADA, TUMULA, SERANGO BHUBANI, GUMMA	BDO, GUMMA	9439887800
2	BAIJHAL, BRUSHAVA, GAIBA, PORIDA, MUNISINGI	AEE, GUMMA	7008299078
3	BADAKALAKOTE,	Tahasildar ,Gumma	7606084441

	DUMBADA, RAGIDI, TARAVA, UKHARA		
4	KUJASINGI, JHAMI, JEEBA, NAMANGADA, TARANGADA	GPDO, GUMMA	9124045777

5.5 Shelter Coordination Officers

SL	Name & Address of the Shelter	Assigned Coordination Officer	Contact details of the Officer
	Block In-charge		

5.6 Emergency Support Functions

SI	Assigned Task	Nodal Person & Designation	Contact	Checklist
1.	Communication: Control Room/ Warning Dissemination	BSSO		<ul style="list-style-type: none"> Disseminate the warning to GP & Village Coordinate with the District for warning updates
2	Evacuation	BDO AEE		<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		<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		<ul style="list-style-type: none"> Removal of trees, poles Clearance of roads
5	Shelter management	BSSO CDPO MO I/C		<ul style="list-style-type: none"> Shelters Identified Drinking water First aid essentials

		JE RWSS		<ul style="list-style-type: none"> • Free kitchen • Care for elderly, PWD, Children. Pregnant/ lactating woman <p>Nodal person designated</p>
6.	Relief Management	Inspector of Supplies		<ul style="list-style-type: none"> • Identify relief distribution points • Stocking of relief materials <p>Identifying the potential dealers</p>
7	Drinking Water & Sanitation	JE RWSS		<ul style="list-style-type: none"> • Identify drinking water sources • Disinfection of Drinking water sources • Testing the quality of water
8.	Public Health Services	MO I/C		<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	Tahsildar		<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	Tahsildar		<ul style="list-style-type: none"> • Report the loss within 24 hrs

	Assessment			<ul style="list-style-type: none"> of disaster • Follow the relief code for ex-gratia support • Instruction to RI & Revenue Supervisor
11	Energy	AE ELECTRICITY		<ul style="list-style-type: none"> • Identify strategic location • Prepositioning of man & material • Immediate stock taking • mobilisation of man & material
12	Transport	AEE		<ul style="list-style-type: none"> • Identify vehicles and drivers • Traffic Control
13	Public Works	AE		<ul style="list-style-type: none"> • Prepositioning of Man & materials • Identify vulnerable infrastructures
14	Information & Communication	&CP		<ul style="list-style-type: none"> • Alternate communication source in place • Alternate internet facilities in place
15	Media Management	BDO		<ul style="list-style-type: none"> • Situation update • Temporary shed for VIPs • Media Assemble point • Media and VIP briefing Note
16	Animal Health Care	BVO		<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	Tahsildar		<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.

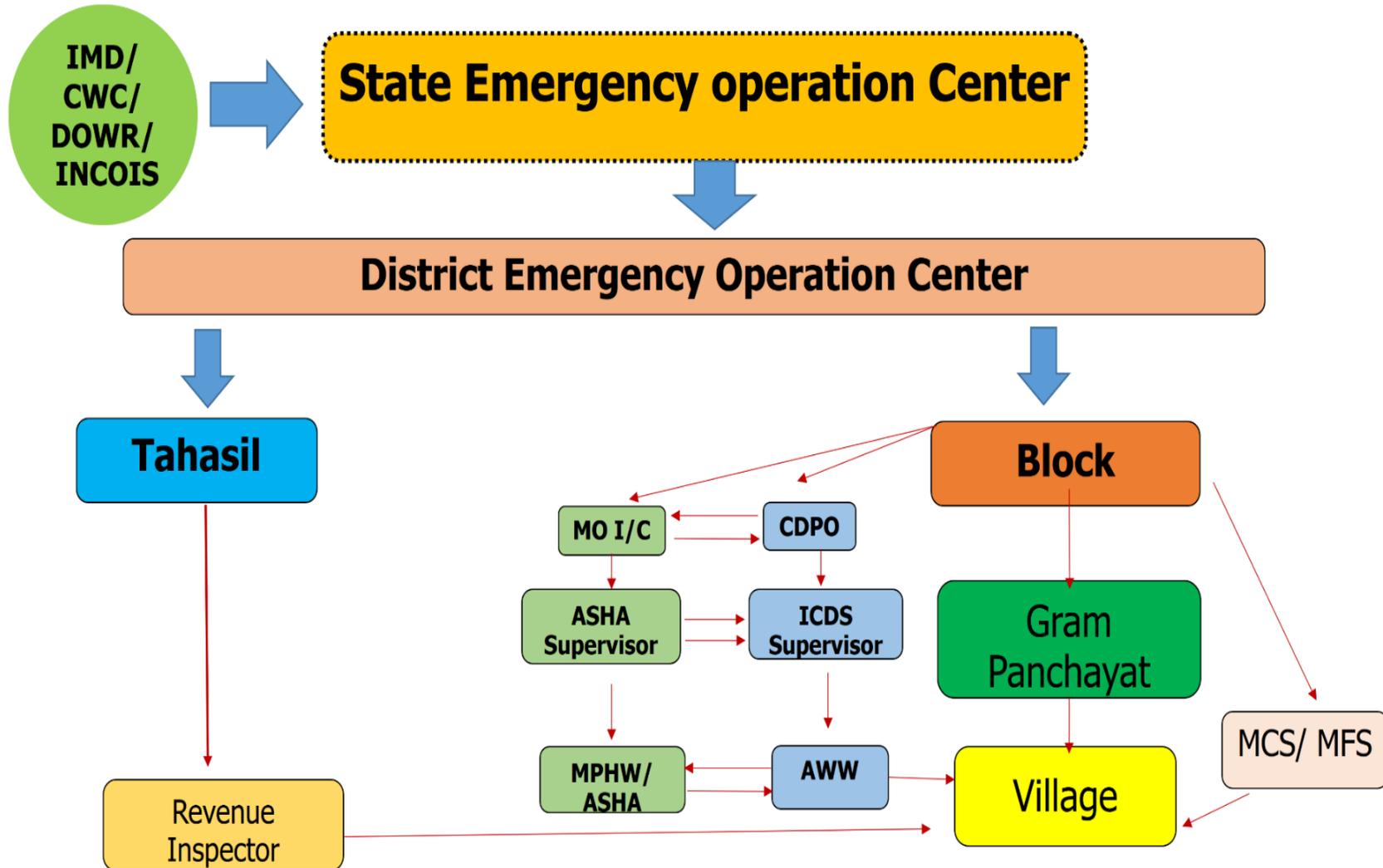
Boat Operation Point –

5.7 Control Room Operation

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

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 or no)	Name/Address and contact number of boat owner/ sailor	Name of PEO(Panchayat Executive Officer)
1		NA							

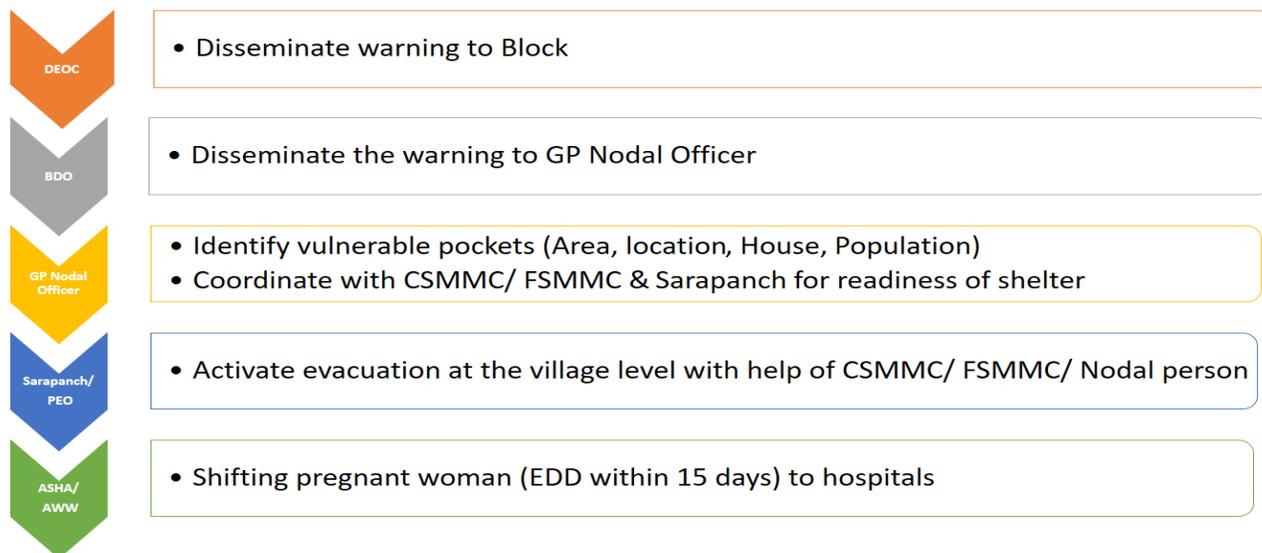
Early Warning Dissemination Protocol



5.8. Early Warning Dissemination and Response Plan:

Nodal Officer with	Contact details (Mobile & Email ID)	Response System			
		Pre Warning	(after)	During Disaster	Post Disaster
Block nodal disaster management officer	9439887800	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
Block Social security officer	9437889909\7008262806	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 of 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 Panchayats

Name of the G.P	Name of the PEOs	Mobile No
AJAYAGADA	Giren Lima, PEO	9938579993
BADA KOLAKOTE	G.Lachana Rao, PEO	8985158962
BAIJHAL	B.Balakrishna, PEO	8480306441
BHUBANI	Madhu Polaki, PEO	9938032777
BRUSAVA	Giridhr Gamanga, PEO	7815063991
DUMBADA	M.Debananda Rao, PEO	9668664474
GAIBA	Rajendra Kumar Rath, PEO	9861875855
GUMMA	Urbasi Pani, PEO	8249370652
JEEBA	Rabindra Ku.Patra, PEO	8328945672
JHAMI	S. Ramesh, PEO	9437772821\9937672619
KUJASING	Syamsundar Reddy, PEO	8763924589
MUNISINGI	Sunita lima, PEO	8763278083
NAMANAGADA	Tumbanath Pariga, PEO	9000670035
PARIDA	B.Balakrishna, PEO	8480306441
RAGIDI	G.Janaki Rao, PEO	8763532780
SERANGO	R.Tarani, PEO	7978876670
TARANGADA	Prem Behera, PEO	8895912015
TARAVA	Josheph Bada Raita, PEO	8763150399
TUMULO	Rebiel Bhuyan, PEO	7735404283
UKHURA	B.Sankar, PEO	9441120103

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:

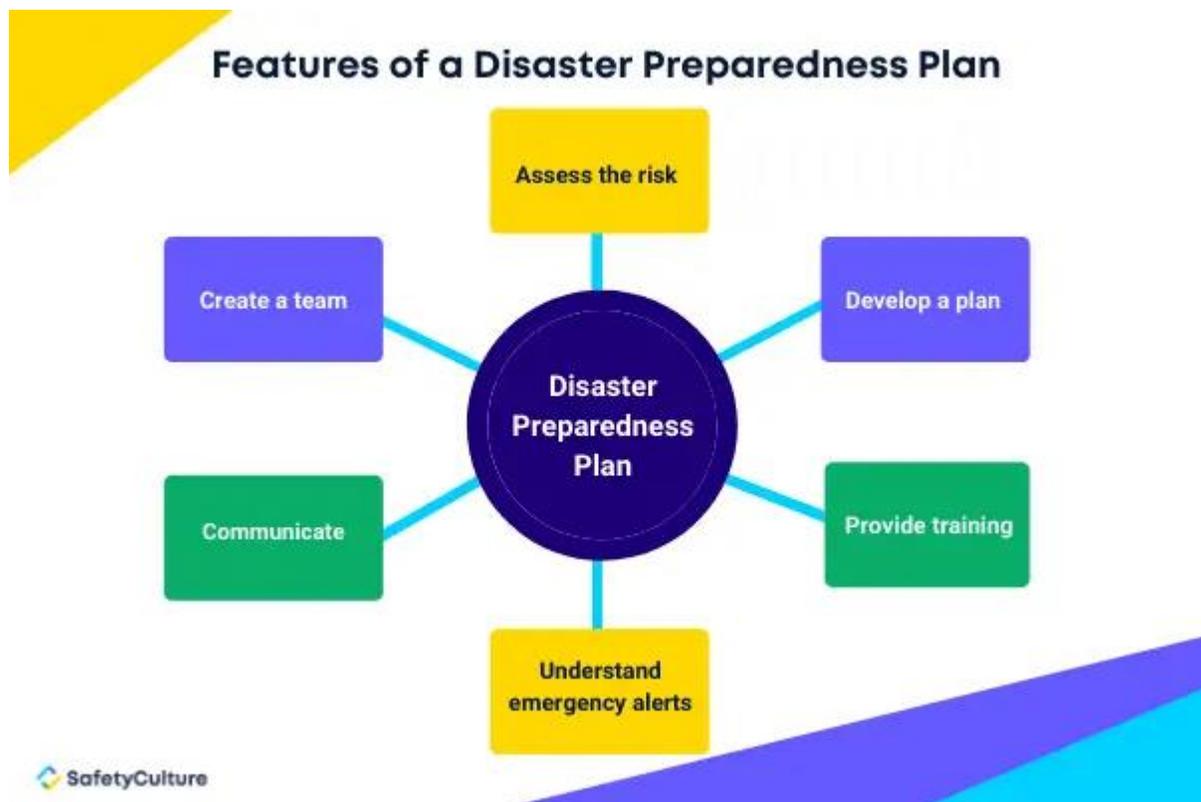
- i) It may simply result in large investment in infrastructure without the necessary inputs to help the victims to become psychologically fit, socially ready and economically self-sufficient; and
- ii) ii) The necessary links between physical, social and psychological recovery may be ignored

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 program 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 Gumma 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 Gumma 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 exercisemultilevel 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.
 - Cultural, social and civil organizations
 - Farmers groups
 - Political parties representatives
 - Labor unions
 - Community members
 - MGNRGA & ANM field staff
 - AWW
 - Organizations of senior citizens
 - Community base organisations

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	RequiredIntervention	Executing Departments	FundReq uired	TimeFra me

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

S L	Name of the Village/G	Hazard Specific Mitigation	Required Intervention	Executing Departments	Fund Required	Time Frame
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- 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 policies 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 changes 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

Sl No.	Name of the Gram Panchayat & Villages	Ongoing Disaster Mitigation/Preparedness Works	Development Programme	Executing Departments	Start Date	Date of Completion
--------	---------------------------------------	--	-----------------------	-----------------------	------------	--------------------

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

7.7 Integration of the mitigation plan into GDP: (Write a paragraph in 200 Words)

	P	n Plan			
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**Annexure
Important Contact No & SOP**

SIN o.	NameoftheO ffcier	Designation	PositioninD DMA (Ex-Officio)	ContactNo. (If Landlineplease prefix06815-)
1	Sri Bijay Kumar Das	Collector or DistrictMagist rate	Chairman DDMA	9437561919, 222397, 222396(R), 222464(Fax)
2	Sri GabaraTirupatiRao	ZP President, Gajapati,	Co-Chairperson DDMA	7978935937
3	Sj Rajendra Minz, OAS (S)	Additional DistrictMagistrate, Gajapati	ChiefExe cutiveoffi cer-DDMA	9438305095 223333, 222578
4	Ms. Swasti Kumar, IPS	SSuperitendent of Police, Gajapati	Member	222533, 2225666 (R),222565 (Fax)
5	Anup Kumar Panda	Sub Collector, Gajapati	Member	7606981936
6	Sri Dr. Gunanidhi Nayak	CDO-cum-EO, Zilla Parisad, Gajapati	Member	9937398628 06815-222420
7	Sri Pradeep KumarPatro	Chief DistrictMedic alOfficer	Member	9438297034 222205
8	Mr. Prabhas Behura	District EmergencyOffi cer–Gajapati	Member	9437208153
9	Ms. Purussottam Sahu	Deputy DirectorAgricultur e,Gajapati	Member	7978521320

10	Er. NimalKumarDas	ExcutiveEngineer ,RuralDevelopme nt, Gajapati	Member	9437255318
11	Er. Sanjaya Rath	SE,Irrigation (Embankment)P KD Division	Member	9337822185
12	Er.Bikashkumar Pati	EE-RWSS, Gajapati	Member	8280408040
13	Akash kumar Panda	BDO	Member	9439887800
14	Debi prasanna Saraswata	Tahsildar,	Member	7606084441

Block Level Officials

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer		9439887800
2	Tahasildar	NA	7606084441
3	Asst. Executive Engineer	NA	7008299078
4	MO I/c	NA	8847894478
5	CDPO	NA	9437575080
6	BSSO	NA	9437889909/ 7008262806
7	Block Agriculture Officer	NA	8249440683
8	Block Veterinary Officer	NA	9337589868
9	Marketing Inspector	NA	9777171622
10	GPDO	NA	9124045777
11	IIC	NA	9439186206
12	Station Officer, Fire Services	NA	8895776275

GP Level Officials

SL NO	Name of the G.P	Name of the PEOs	Mobile No
-------	-----------------	------------------	-----------

1.	AJAYAGADA	Giren Lima, PEO	9938579993
2.	BADA KOLAKOTE	G.Lachana Rao, PEO	8985158962
3.	BAIJHAL	Siva Prasad Choudhury,DEO-Cum-Accountant	7372922092/8280637208
4.	BHUBANI	Madhu Polaki, PEO	9938032777
5.	BRUSAVA	Giridhr Gamanga,PEO	7815063991
6.	DUMBADA	M.Debananda Rao, PEO	9668664474
7.	GAIBA	Rajendra Kumar Rath, PEO	9861875855
8.	GUMMA	Urbasi Pani, PEO	8249370652
9.	JEEBA	Rabindra Ku.Patra,PEO	8328945672
10	JHAMI	S. Ramesh, PEO	9437772821\9937672619
11	KUJASING	Syamsundar Reddy, PEO	8763924589
12	MUNISINGI	Sunita lima,PEO	8763278083
13	NAMANAGADA	Tumbanath Pariga,PEO	9000670035
14	PARIDA	B.Balakrishna, PEO	8480306441
15	RAGIDI	G.Janaki Rao,PEO	8763532780
16	SERANGO	R.Tarani, PEO	7978876670
17	TARANGADA	Prem Behera, PEO	8895912015
18	TARAVA	Josheph Bada Raita, PEO	8763150399
19	TUMULO	Rebiel Bhuyan, PEO	7735404283
20	UKHURA	B.Sankar, PEO	9441120103

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 work 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 / MaaGruha immediately in coordination with CDPO on receipt of Cyclone /Flood warnings.
- Identify & shift patients requiring intensive care to the nearest medical facility.
- Constitute Mobile Health Units (MHUs)consisting of a doctor health workers and ANMs to provide health services.
- DeployMobileHealthUnitsalongwithrequiredmedicines to thevulnerable/ likely to be affected areas in advance.
- Initiatevaccinationinthelikelytobeaffectedareas(as&whennecessary) 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 carryout healthcare services.
- Coordinate with CDM&PHO & Block Administration for prompt Response.
- Medical (ante natal) check-up 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, KrushakSathi.
- 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, KrushakSathi 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 / KrushakSathi 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 quarter.

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.

POS T:

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

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THANK YOU