

# **BLOCK DISASTER MANAGEMENT PLAN (BDMMP)**



## **2024-25 KASHINAGAR**

Prepared by : Block Disaster Management Coordination Committee, Kashinagar

Panchayat Samiti Kashinagar, District: Gajapati

Submitted to District Disaster Management Authority , Gajapati  
&

Odisha State Disaster Management Authority, OSDMA

## **MESSAGE**

I am extremely happy to present the Block Disaster Management Plan (BDMP ) for the year 2023-2024 of Kashinagar 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 Kashinagar 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 Kashinagar block of Gajapati district also been witnessed to variety of disaster like – incessant flood, forest fire and landslides.

I do expresses my sincere thanks to all block officials, DDMA, Gajapati, for all their constant effort and support to update Kashinagar 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 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 Kashinagar block.

  
Block Development Officer  
Kashinagar

Block Development Officer,  
Kashinagar

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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 Centres
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	<b>12</b>
2.	Revenue Village	<b>99</b>
3	RI Circle	<b>7</b>
4.	Police Station	2 ( Kashinagar & Paralakhemundi )
5	Fire stations	<b>1</b>
6.	Railway Stations	6 ( Palsingi, Bansadhara, Lihuri, Kashinagar, Hadubhangi & K.Sitapur ) only Passenger Halt station total 40 KM
7	Community Health Centre (CHC)	<b>1</b>
8	Primary Health Centre (PHC)	<b>2</b>
9	Any other Govt./Pvt. Hospital	<b>0</b>
10.	Sub-Centre (SC)/ Health Wellness Centre	<b>0</b>
11.	Veterinary Hospital	<b>1</b>
12.	LI Point	<b>115</b>
13.	Primary School	<b>36</b>
14	Upper Primary School	<b>28</b>
15	High School	<b>13</b>
16	Colleges	<b>01</b>
17	Other Govt./Pvt. Educational Institutions	<b>16</b>
18	Residential Schools	<b>10</b>
19	Multi-purpose Cyclone/Flood Shelter	<b>3</b>
20	Child Care Institution	<b>NA</b>
21	Old Age Home	<b>NA</b>
22	Common Service Centre/E-Sahajoga Kendra	<b>12</b>

## 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	Bansadhara	The River Vansadhara is an important east flowing river between Rushikulya & Godavari in Odisha & Andhra Pradesh. The river originates in the border of Thuamula Rampur in the Kalahandi District and Gudari & Gunupur in Rayagada District of Odisha & runs for a distance of about 143 Kms in the State of Odisha, 29 Kms along the boundary between Odisha & Andhara Pradesh in Kashinagar Block & further 82 Kms in Andhara Pradesh & outfalls in the Bay of Bengal at Kalingapatnam, A.P.. The total catchment area of river basin is 10,830 SqKm.
02	Canal system we need to analyze	NA
03	Gotta Barrage (Srikakulam district) adjacent to Kashinagar block	To a large extent Kidigaon GP affected due to apathy of Andhra Administration with regard to gate operation of barrage during heavy rainy days,

## CHAPTER-I

### 1.1 Overview of the Block

Kashinagar block is one the CD ( Community Development ) block out of 7 blocks Gajapati district, longitude and latitude of block – is 19,82538 and Longitude is 84,83108 .Previously this areas ruled by the Vijayanagaram regime after Odisha province unification Kashinagar 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 Kashinagar block boundaries touches to Rayagada block in north, Gumma block in east & Gosani block in South –east in west part completed surrounded by Andhra Pradesh. People of this block predominately depend upon the agriculture, NTFP and allied activities for their livelihood. As per the 2011 total population of block is 51052 . 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 1954, block has 12 Gram Panchayat, 7 RI circle and 99 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 3 no of GP's situated on the bank of river Bansadhara these GP's usually gets flood during rainy season. There 2 /3 GP's like Patrada & K. Sitapur are prone to landslide vulnerabilities. As per the peoples opinion that there was a severe flood in the year September 19<sup>th</sup> 1980 by which almost entire Kashinagar block was submerged for 10-12 days, it was a worst & devastating flood



### 1.3 Demographic Details:

Sl. No	Name of the GP	No of villages	Total Number of HH	Total Population
1	ALLADA	5	1107	4787
2	BUDURA	7	1050	4046
3	GORIBANDHA	8	749	3049
4	HADUBHANGI	9	945	4056
5	K.SITAPUR	11	1747	7407
6	KHANDAVA	8	1316	5538
7	KHARADA	7	1009	4183

Sl. No	Name of the GP	No of villages	Total Number of HH	Total Population
8	KIDIGAM	7	643	2299
9	PARTADA	10	833	3898
10	RANIPENTHA	3	866	3657
11	SIALI	19	1323	5874
12	SIDHAMADANG A	6	668	2565
Total	12	99	12256	51359

Sources – Block administration

#### 1.4 Rainfall (Annually)

Sl	Month	Normal Rainfall (in mm)	Actual Rainfall (in mm)			2024
			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		
12	December	—	—	—		

Sources – Block Administration

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

1. Rain Recording station – Kashinagar

#### 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 (Ha)	Grazing land (Ha)	Forest Land (Ha)	Others	Total area
01	Allada	654638	45423	181.810	0	881.916
02	Budura	410.77	11982	0	0	12392
03	Goribandha	391.807	11398	0.952	119.868	524.025
04	Hadubhangi	<b>800.647</b>	<b>23.172</b>	<b>4.385</b>	<b>339.784</b>	<b>1167.988</b>
05	K.sitapur	1199.742	89.68	83.546	242.03	1614.998
06	Khandava	1145.119	35435	231		36811
07	Kharada	1121.11	22.253	57436	311.343	1512.143
08	Kidigaon	NA	NA	NA	NA	NA
09	Parthada	269.3138	26.5033	65.7953		<b>361.6127</b>
10	Ranipentha	555.7621	4.9454	0.0000		560.7074
11	Sidhamadanga	515.4642	11.4233	10.3727		<b>537.2602</b>

Sources – Tahasil office, Kashingar

### 1.6.2 Land Holding Pattern: (No. of HH)

GP Name	Large Farmers	Marginal farmers	Small Farmers	Agricultural laborers/ Share Croppers	Landless	Total
Allada	132	346	212	218	210	1118
Budura	108	291	177	184	176	936
Goribandha	82	212	129	132	129	684
Hadubhangi	113	290	178	181	175	937
K.Sitapur	207	537	329	336	323	1732
Khandava	156	405	248	251	247	1307
Kharada	116	301	183	186	182	968
Kidigaon	71	187	114	121	111	604
Parthada	82	216	131	131	134	694
Ranipentha	91	244	149	146	158	788
Sidhamadanga	65	174	107	113	105	564
Siyali	158	424	276	232	231	1321
Total	1381	3627	2233	2231	2181	11653

## Sources – Tahasil Office, Kashingar

### 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	Allada	Cereals,pulses,oil seeds,fiber crop,vegetables,spices	1015	85.28
2	Budura	Cereals,pulses,oil seeds,fiber crop,vegetables,spices	884	124.65
3	Goribandha	Cereals,pulses,oil seeds,fiber crop,vegetables,spices	1085	194.96
4	Hadubhangi	Cereals,pulses,oil seeds,vegetables,spices	708	179.09
5	K.sitapur	Cereals,pulses,oil seeds,vegetables,spices	1644	56.82
6	Khandava	Cereals,pulses,oil seeds,fiber crop,vegetables,spices	1168	250.38
7	Kharada	Cereals,pulses,oil seeds,vegetables,spices	1358	172.75
8	Kidigaon	Cereals,pulses,oil seeds,vegetables,spices	593	171.17
9	Parthada	Cereals,pulses,oil seeds,vegetables,spices	1040	6.59
10	Ranipentha	Cereals,pulses,oil seeds,vegetables,spices	573	99.2
11	Sidhamadanga	Cereals,pulses,oil seeds,vegetables,spices	620	121.41
12	Siyali	Cereals,pulses,oil seeds,fiber crop,vegetables,spices	1530	255.73
	KASHINAGAR NAC	Cereals,pulses,oil seeds,fiber crop,vegetable,spices	939	83.67

Sources – Block Agriculture Office

### 1.6.4 Livelihood Details:

Name of the Block	Total house holds	Agriculture	Wage labour	Horticulture	Fisherman	Petty Business	Others (specify )
Kashinagar	15171	7251	2500	1200	500	300	

Sources : Block administration

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

Name of Gram Panchayat	Type of Houses			
	No. of Kuchha Houses	No. of Semi Pucca Houses	No. of Pucca Houses	Total
ALLADA	450	420	454	1324
BUDURA				
GORIBANDHA				
HADUBHANGI	190	320	485	995
K.SITAPUR				
KHANDAVA				
KHARADA				
KIDIGAM	681	110	168	959
PARTADA	29	250	604	883
RANIPETA				
SIALI	276	179	868	1323
SIDHAMADANGA				

Sources – PEO ( Panchyat executive officers )

**1.6.7 Drinking Water Sources**

Name of the GP	Tube well	Over Head Tanks	PWS	Mega PWS	Others
ALLADA	115	3	6	Approx. date of completion March-2023	
BUDURA	45	1	4		
GORIBANDHA	50	4	5		
HADUBHANGI	48	2	3		
K.SITAPUR	120	2	5		
KHANDAVA	78	1	4		
KHARADA	101	1	7		
KIDIGAM	39	2	3		
PARTADA	65	0	14		
RANIPETA	42	1	1		
SIALI	126	1	8		
SIDHAMADANGA	43	1	5		
<b>TOTAL</b>	<b>872</b>	<b>19</b>	<b>65</b>		<b>1</b>

Sources – RWSS, Kashingar

1.6.8 Infrastructure

Sl.	Name of the GP	PDS Outlets	Post Offices	Police Station/	Pucca buildings	SDH/CHC	PHC	Dispensary	Cyclone/flood Shelters	Educationa Institutions			Livestock centers	Cottage Industries	Industries	Godown	Bank	AWC	RI Office
										ME	High	College							
	Kashinagar NAC	10	1	1		1	0	0	0	3	1	1	0	0	0	1	3	15	1
	ALLADA	1											1			1		22	
	BUDURA	1											1			1		19	
	GORIBANDHA	1							1				1			1		13	
	HADUBHANGI	1	1	0	485		1		0				1	0	0	1	1	19	1
	K SITAPUR	1											1			1		42	1
	KHANDAVA	1					1		1				1			1	1	32	1
	KHARADA	1	1										1			1		22	1
	KIDIGAM	1											1			1		14	
	PARTADA	1	0	0	604	0	0	0	1				1	0		1		21	0
	RANIPETA	1											1			1		15	1
	SIALI	1											1			1		33	1
	SIDHAMADANG A	1											1			1		14	

Sources – Block administration

1.6.9 Industries: Not available in Kashinagar block

Name of the GP	Name of the Industries	Type of industry	Manpower employed	Infrastructure available	Chemicals used	Production
ALLADA	NA	NA	NA	NA	NA	NA
BUDURA	NA	NA	NA	NA	NA	NA

GORIBANDHA	Rice mill-4	Rice Mill	25	Building with rice processing machines	No	Rice
HADUBHANGI	Annapurna Ricemill Sitaram Ricemill	Rice Mill	20		No	Rice
K SITAPUR	Rice mill-3	Rice Mill	19		No	Rice
KHANDAVA	Rice mill-	Rice Mill	20		No	Rice
	Cashew mill-1	1	12		No	Processed cashew
KHARADA	Rice mill-2		7		No	Rice
KIDIGAM	Rice mill				No	Rice
PARTADA	0				No	Rice
RANIPETA	Rice mill-2	Rice Mill	25		No	Rice
SIALI	Rice mill	Rice Mill			No	Rice
SIDHAMADANGA	Rice mill-1	Rice Mill			No	Rice

Sources – PEO's of all GP

#### 1.6.10 Financial Institutions (Banks):

Sl. No	Name of the GP	Name of the Bank	Location and Contact person	Contact Number
01	NAC –K. Nagar	Union bank of india	K.Gouri sankar	9951177973
02	Khandava	UGB Khandva	Rajesh	6371135388
03	Hadubhangi	BCCB – Kashinagar NAC	Ramesh patra	9556499196
04	Ranipeta	Union Bank	Bharati	8356830351
05	NAC –Kasinagar	SBI	Manmatha Bhuyan	8249133899

Sources – Block administration

#### 1.6.11 Communication network-

Sl. No	Type of alternate communication	Name & Address of the Contact person	Telephone Number
1	VHF station	Sunil Behera, IIC, Kasinagar	7978012595
2	HAM amateur radio stations	NA	
3	DMR Radio	NA	
4	Others (If any)		

11.7 Major/ Medium/Minor Irrigation Facility:

Sl.No	Name of the Project	Location of the Project	Ayacut in Hect.
	Minor Irrigation Facility :		
1	Akram Tank at Allada	18° 57' 59" N / 83° 53' 09"E ,village-Allada ,GP- Allada	83.00
2	Alatinala at Minigam	18° 48' 50.15" N / 84° 00' 29"E ,Village- Minigam,GP – K.Sitapur	87.00
3	Anantakari Tant at Parasurampur	18° 48' 42" N / 83° 56' 21" E ,Village – Parasurampur ,GP- Hadubhangi	72.00
4	Badabandha at Debadala	18° 49' 32" N / 83° 59' 45" E,Village – Debadala , GP- K.Sitapur	41.00
5	Badabandha at Poluru	18° 49' 22" N / 84° 02' 31" E,Village – Poluru,GP- Sidhamadanga	61.00
6	Baijalnala	18° 50' 25.70" N / 84° 01' 28.40"E,Village – kharada,GP- Kharada ( In Complete Project)	1500.00
7	Baijalnala No. I, Debadala	18° 49' 37.40" N / 84° 00' 05.71" E,Village – Debadala, GP- K.sitapur	202.00
8	Baijalnala No. II, Minigam	18° 49' 18.28 N / 84° 00' 03.80" E,Village – Minigam,GP- K.sitapur	121.00
9	Baijalnala No. III, K. Sitapur	18° 49' 06.91" N / 83° 59' 36" E Village – K.sitapur,GP- K.Sitapur	93.00
10	Baijalnala No. IV, Jambada	18° 49' 05" N / 83° 58' 44.65" E ,Village – jambada,GP- K.Sitapur	49.00
11	Baijalnala No. V, Kharada	18° 49' 02.95" N / 83° 58' 21.50" E,Village – Kharada,GP- Kharada	113.00
12	Baijalnal No. VI, Kharada	18° 48' 59" N / 83° 57' 55.25" E,Village – Kharada,GP-Kharada	121.00
13	Banjar Tank, Konduri	18° 48' 54" N / 83° 55' 38" E,Village- Konduri,GP- Hadhubhangi	61.00
14	Champanigudanala, Debadala	18° 50' 00.86" N / 84° 00' 00" E,Village – Debadala, GP- K.Sitapur	70.00
15	Chittinala, Poluru	18° 49' 10.23" N / 84° 02' 42.50" E,Village _ Poluru,GP- Sidhamandanga	41.00
16	Gariaguda nala, Gariaguda	18°56' 00.41" N / 83° 52' 58.38" E,Village – Gariaguda,GP- Siali	54.00
17	Gariaguda nala, Karnibhadra	18° 54' 39" N / 83° 53' 05.41" E Village – Gariaguda,GP- Siali	105.00
18	Gosanginala, Bisiringi	18° 50' 00" N / 83° 58' 55.35" E,Village – Bisiringi,GP- K.Sitapur	65.00
19	Gdlavari Tank, Kasinagar	18° 51' 57" N / 83° 52' 03" E,Village – Kasinagar, Kasinagar NAC	71.00

Sl.No	Name of the Project	Location of the Project	Ayacut in Hect.
20	Jogibandha, Budura	18° 53' 36" N / 83° 51' 38" E, Village- Budura, GP- Budura	40.00
21	K. Ch. Sagar, Madhusudanapur	18° 52' 11" N / 83° 53' 56" E, Village –Krushna Chandra sagar, GP- Goribandha	769.00
22	K. Ch. Sagar, Sara	18° 59' 33" N / 83° 49' 30" E, Village – Sara, GP- Khandava	146.00
23	Kaluanala No. VIII, Dhobajaypur	18° 50' 00.85" N / 83° 56' 26" E, Village – Dhobajaypur, GP- Hadhubhangi	809.00
24	Kaluanala NO. VI, Dhobajayapur	18° 51' 19.89" N / 83° 56' 10" E Village – Dhobajaypur, GP- Hadhubhangi	150.00
25	Kanakambara Tank, Katur	18° 50' 01" N / 83° 57' 14" E , Village – Katur, GP- Kharada	43.00
26	Khadagarai Tank, Pedamadi	18° 54' 55" N / 83° 54' 34" E, Village- Pedamadi, GP- Siali	102.00
27	Kharnala, Kharada	18° 49' 27" N / 83° 57' 45.80" E, Village- Kharada, GP- Kharada	108.00
28	Kharinala, Navada	18° 50' 00.61" N / 83° 57' 55.10" E, Village- Navada, GP-Kharada	43.00
29	Mangala nala, Purtiguda	18° 57' 33.40" N / 83° 50' 12.26" E, Village-Purtiguda, GP- Khandava	91.00
30	Marikera Tank, Dhanasar	18° 49' 33" N / 83° 57' 28" E, Village- Dhanasar, GP- Kharada	41.00
31	Nala Tank, B.L. Pur	18° 53' 26" N / 83° 52' 18" E, Village-B.L.Pur, GP- Goribandha	64.00
32	Nala Tank, Goribandha	18° 54' 06" N / 83° 51' 56" E, Village- Goribandha, GP- Goribandha	64.00
33	Narsi Tank, Narsipur	18° 54' 41" N / 83° 53' 52" E, Village- Narsipur, GP- Siali	41.00
34	Neelam Tank, Neelapur	18° 49' 52" N / 83° 55' 16" E, Village – Neelapur, GP- Kidigam	51.00
35	Neelanala No. 00	18° 52' 12.80" N / 83° 55' 09.21" E, Village- Sukanpeta, Village – Siali (In Complete Project)	699.00
36	Neelanala No. II, Kartam	18° 50' 57.40" N / 83° 54' 19.61" E, Village- Kartam, GP- Kidigam	61.00
37	Neelanala No. III, Kantrajodi	18° 50' 25.90" N / 83° 53' 37.23" E, Village –Kantrajodi, GP- Kidigam	81.00
38	Neelanala No. I	18° 51' 32.10" N / 83° 54' 52.95" E, Village- Khaithapadar, GP- Siali	513.00
39	Nuabandha, Badigam	19° 00' 43" N / 83° 48' 31" E, Village-Badigam, GP- Khandava	86.00
40	Nuabandha, Gariaguda	18° 56' 29" N / 83° 53' 15" E , Village-Gariaguda, GP- Siali	41.00

Sl.No	Name of the Project	Location of the Project	Ayacut in Hect.
41	Nuabandha, Goribandha	18° 54' 32" N / 83° 51' 50" E, Village-Goribandha, GP- Goribandha	46.00
42	Nuabandha, Navada	18° 50' 00" N / 83° 58' 16" E, Village –Navada, GP- Kharada	43.00
43	Nuabandha, Palsingi	19° 01' 21" N / 83° 48' 25" E, Village – Palsingi, GP- Khandava	86.00
44	Padmanava Sagar, Ranipeta	18° 48' 15" N / 84° 03' 20" E, Village- Ranipeta, GP- Sidhamadanga	64.00
45	Pampunala, Kharada	18° 50' 05" N / 83° 58' 24.34" E, Village- Kharada, GP- Kharada	120.00
46	Pilakhai Tank, Kharada	18° 49' 09" N / 83° 58' 08" E, Village- Kharada, GP- Kharada	43.00
47	Polli Naidu Tank, Kidigam	18° 50' 24" N / 83° 54' 14" E, Village- Kidigam, GP- Kidigam	98.00
48	Raibharna nala, Kasinagar	18° 52' 04.10" N / 83° 53' 40.76" E, Village- Kasinagar, Kasinagar NAC	61.00
49	Ramasagar, Khurigam	18° 52' 16" N / 83° 52' 58" E, Village-Khurigam, GP- Goribandha	42.00
50	Siridanala, Sirida	18° 52' 45.31" N / 83° 54' 54" E, Village- Sirida, GP- Siali	82.00
51	Sitasagar, Rajapur	18° 50' 55" N / 83° 53' 24" E, Village- Rajapur, GP-Goribandha	47.00
52	Ura Tank, B.L. Pur	18° 52' 51" N / 83° 52' 51" E, Village-B.L.Pur, GP- Goribandha	61.00
53	Ura Tank, Vistala	18° 48' 59" N / 83° 57' 12" E, Village-Vistala, GP- Hadubhangi	61.00
54	Vakarada, Amarada	18° 57' 54.32" N / 83° 50' 47" E, Village- Amarada, GP- Khandava	467.00
	<b>Minor Irrigation</b>	<b>TOTAL:</b>	<b>8274.00</b>

**( Sources – Irrigation department )**

1.8 Other Irrigation Facilities and Sources:

Name of the Block	No. of LI points	Remarks
Kasinagar	115	Details will be share in annexure

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	Kidigaon	20	6000	Kidigaon
		Budura			Budura
		Khandava			Khandava
Landslide	July – Sep	Parthada	5	1500	Parthada
		K. Sitapur			K. Sitapur
Cyclone	Sep, Oct, May	Kidigaon	NAC	1700	Kidigaon
		Kashinagar NAC			Kashinagar NAC
		Budura			Budura
		Khandava	5		Khandava
Drought	June –July	All Block			

### 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	Budura, Kidigam & Khandava
Land Slide	July to September	1	10	1266	Parthada n& K Sitapur
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	Budura, Kidigam & Khandava

### 2.4.0 Food security

SL NO	NAME OF THE GP	TOTAL NO OF HOUSEHOLDS	CATEGORY	
			NFSA	SFSS
1	ALLADA	1208	1184	24
2	BUDURA	1154	1101	53
3	GORIBANDHA	926	870	56
4	HADUBHANGI	1159	1059	100
5	K SITAPUR	2792	2538	254
6	KHANDAVA	1606	1478	128
7	KHARADA	1138	1019	119
8	KIDIGAM	804	744	60
9	PARTADA	893	825	68
10	RANIPETA	1160	967	193
11	SIALI	1656	1562	94
12	SIDHAMADANGA	848	751	97
	<b>TOTAL</b>	<b>15344</b>	<b>14098</b>	<b>1246</b>

( CSO – Civil supply )

#### 2.4.1.No of Households under Food security:

SI. No	Total Number of HH	Category	
		NFSA	SFSS
1	1208	1184	24
2	1154	1101	53
3	926	870	56
4	1159	1059	100
5	2792	2538	254
6	1606	1478	128
7	1138	1019	119
8	804	744	60
9	893	825	68
10	1160	967	193
11	1656	1562	94

12	848	751	97
<b>TOTAL</b>	<b>15344</b>	<b>14098</b>	<b>1246</b>

#### 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	ALLADA	264	82	268	2	Unmarried-28,divorced-7
2	BUDURA	516	196	158	0	AIDS-1 Un married-10,budura-1
3	GORIBANDHA	305	71	149	0	AIDS-2 Unmarried-6 divorced-8
4	HADUBHANGI	322	69	260	0	0
5	K.SITAPUR	719	427	331	0	Un married-1 Aids-11 Divorced- 24
6	KHANDAVA	499	173	347	0	Aids-3 divorced-1,unmarried-7
7	KHARADA	356	175	180	0	Divorced-1,unmarried-3
8	KIDIGAM	291	75	108	0	Unmarried -3,divorced-10
9	PARTADA	304	69	217	0	Unmarried- 6
10	RANIPENTHA	338	88	220	0	Aids – 4 Divorced-5 Unmarried- 4
11	SIALI	322	141	369	1	Aids-7 Unmarried-12 Divorced- 2
12	SIDHAMADANG	335	107	128	0	Aids – 2 Unmarried-5 Divorced- 1
13		4571	1673	2735	3	Aids-25 Divorced-66 Unmarried-83 TOTAL=174

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	Remarks
1	12	149		All		NA

##### 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

1	-	-	-	Khandava, Budura, Kidigam	08	562	Budura Kidigam Khandava	7 1 7	1886 706 2631
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### 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	Kashinagar	6140	8169	674	649

#### 2.5.4 Area Specific Disaster

Sl	Disaster	Name of the GP/ULB	No of Villages	Population	Remarks
	Drought	All GPs	149		
	Lightning	All GPs	149		
	Forest Fire	Goribandha	6		
	Land slide	Parthada, K Sitapur	9		
	Flood	Kidigaon, Budura & Khandava	20	1700	
	Snake Bite	All GPs			
	Cyclone				

#### 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	3	12	1	2	12	12	149
2.	Revenue Village	15		4	8	149	149	149
3	Educational Institutions/ Residential Schools	5	All	1				
4	Anganwadi Centres	68	281	281	Partada-18 K.Sitapur - 2			
5	Special Schools	-	-	-	-	-	-	-

SI	Particulars	Flood	Cyclone	Forest Fire	Landslide	Snake Bite	Lightning	Drought
6	Health institutions	Kidiga m-1 Kittingi - 1 Khandva-1		Kittingi (HWC) 1				
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)
1	Left flood bank at Palasingi to Badigam	O.A.E	1.94
2	Left Flood bank at Badigam.	O.A.E	0.7
3	Left Flood bank at Village Sara.	O.A.E	1.409
4	Left Flood bank at village Vanna.	O.A.E	0.78
5	Left Flood bank at village Kinigam	O.A.E	1.875
6	Left Flood bank at New Kashinagar to Kidigam.	O.A.E	0.4
7	Left Flood bank on Nelliguda Nalla at Kidigam.	T.R.E	1.17

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)
Vansadhara	Kashinagar CWC Gauge Station	54.10	54.60	57.64 (in 1980)

Sources – Irrigation

**CHAPTER-III**  
**RESOURCE & CAPACITY ANALYSIS**

3.1 Resource Inventory/ Capacity Analysis:

3.1.1 Transportation

<b>Resource Type</b>	<b>Details</b>	<b>Numbers</b>	<b>Agency/Association name</b>	<b>Contacts with Telephone No.</b>
<i>Transportation and Communication</i>	BUS	<i>Hadubhangi -3 Budura-7</i>	<i>S.SURESH Bus Association</i>	
	Truck			
	Boats	<i>01 Budura(vanna) - 01</i>	<i>Fire station Balaga Poli</i>	<i>9937543283</i>
	Ambulance	<i>2 ( 108 &amp; 102)</i>	<i>Hospital</i>	<i>9778716869</i>
	Country boat	<i>Khandava-2 Budura-1</i>	<i>Individual</i>	

3.1.2 Water Supply ( RWSS )

<b>Resource Type</b>	<b>Details</b>	<b>Numbers</b>	<b>Agency/Association name</b>	<b>Contacts with Telephone No.</b>
<i>Drinking water</i>	Tankers	<i>4</i>	<i>RWSS –Kashinagar</i>	<i>9439519090</i>
	Overhead tanks	<i>19</i>	<i>RWSS –Kashingar</i>	<i>–JE, RWSS</i>
	Mobile tankers	<i>9 (GP/Block)</i>	<i>RWSS –Kashingar</i>	<i>9439519090 –JE, RWSS</i>

3.1.3 Debris & Road Clearance

<b>Resource Type</b>	<b>Details</b>	<b>Numbers</b>	<b>Agency/ Association name</b>	<b>Contacts with Telephone No.</b>
<i>Cleaning and Cutting Equipments</i>	Chain Saw	<i>14</i>	<i>GP/Fire Dept.</i>	<i>9937543283</i>
	Proklins	<i>0</i>		
	Earthmoving Vehicles (JCB)	<i>2</i>	<i>PWD</i>	<i>JE -PWD</i>
	Debris/Road Clearance equipment	<i>NA</i>	<i>NA</i>	<i>NA</i>
	Tractor	<i>52</i>	<i>Individual</i>	

### 3.1.4 Other Resources

Resource Type	Details	Numbers	Agency/Association name	Contacts with Telephone No.
Other Resources	Tower light	5 (3 at shelters & 2 at Fire station)	Fire station and at shelter level	9937543283 Fire officer 7735389553- Sarapanch, Patrada, 9861427858
	Gen sets	15	GP-12/Shelter-3	
	Pump set	2	Fire station	9937543283- Fire officer

### 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
	ALLADA	NA	NA	NA	NA	NA	NA	
	BUDURA	NA	NA	NA	NA	NA	NA	30 No
	GORIBANDHA	NA	NA	NA	NA	NA	NA	05 No
	HADUBHANGI	NA	NA	NA	NA	NA	NA	
	K SITAPUR	NA	NA	NA	NA	NA	NA	
	KHANDAVA						2 No	
	KHARADA	NA	NA	NA	NA	NA	NA	
	KIDIGAM	NA	NA	NA	NA	NA	NA	
	PARTADA	NA	NA	NA	NA	NA	NA	
	RANIPETA	NA	NA	NA	NA	NA	NA	
	SIALI	NA	NA	NA	NA	NA	NA	
	SIDHAMADANGA	NA	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	ALLADA	PUCCA	GP OFFICE	500	MAHESWAR LIMMA	8917203101	GOVT
2	BUDURA	PUCCA	GP OFFICE	400	Killi Krishna Babu	9348907822	GOVT
3	GORIBANDHA	PUCCA	GP OFFICE	350			
4	HADUBHANGI	PUCCA	GP OFFICE	350	Kandena Prashanth	7978217361	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)
5	K SITAPUR	PUCCA	GP OFFICE	750	DEBENDRA CHINTADA	8018082810	GOVT
6	KHANDAVA	PUCCA	GP OFFICE	650	SUSHANT GOUDA	8926186916	GOVT
7	KHARADA	PUCCA	GP OFFICE	400	SWAPNA RANA	8144213323	GOVT
8	KIDIGAM	PUCCA	GP OFFICE	350	KADINTI KALYAN	6281414840	GOVT
9	PARTADA	PUCCA	GP OFFICE	300	ELSIYA NAYAK	8637240058	GOVT
10	RANIPETA	PUCCA	GP OFFICE	200			
11	SIALI	PUCCA	GP OFFICE	400	GIRIDHAR PATRO	9556403003	GOVT
12	SIDHAMADANGA	PUCCA	GP OFFICE	200	KADINTI KALYAN	6281414840	GOVT

### 3.4 Health Institutions

Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in chage
Kidigam GP	SC HWC	3	9439985266
Siali GP	SC	2	9439985270
Budura GP	SC HWC	3	9439985275
Khandava GP	PHC HWC	6	7008424251
Allada GP	SC HWC	3	9439984022
Hadubhangi GP	PHC HWC	5	8338046805
Kharada GP	SC HWC	3	9439985260
K Sitapur Gp	SC HWC	2	9439985257
Sidhamadango GP	SC HWC	3	9439985255
Ranipenta GP	SC HWC	3	9439985253
Goribandha GP	SC HWC	3	9439985277
Parthada GP	SC HWC	1	9439985254

### Health Facility

Sl. No.	Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in chage	Oxygen Cylinder	Oxygen Concentrator	Life Saving Drugs	Ambulance
1	Kashinagar NAC	CHC	Doctors-7, Pharmacist-2, Staff Nurse-1	Dr. Soumya Ranjan Dash,6370186641	5	8	Yes	108
2	Khanadava	PHC Khanadava	Doctors-1, Pharmacist-1	Dr. Rajesh Ku. Biswal, 7008424251	3	7	Yes	102
3	Haddubhangi	PHC Haddubhangi	Doctors-1, Pharmacist-1	Dr. Alakananda,	2	8	Yes	

Sl. No.	Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in chage	Oxygen Cylinder	Oxygen Concentrator	Life Saving Drugs	Ambulance
4	Ranipentha, Partada	Ranipentha HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	Pratiba Ku. Bhukta, MPHW(F), 9439985253				
5	Sidamadango, Partda, K. Sitapur	Sidamadango HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	Lokanath Jena, MPHW(M), 9439985256				
6	k. Sitapur, Partada	K. Sitapur HWC	MPHW(F)-1, CHO-1	S. Narasamma, MPHW(F), 9439985257				
7	Kharada K. Sitapur, Partada	Kharada HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	Atasi Das, MPHW(F), 9439985260				
8	Haddubhangi, Kharada, Partada	Haddubhangi SC	MPHW(M)-1, MPHW(F)-1	Kanakalata Das, ANM, 9439985263				
9	Kidigam, Siali, Goribandha	Koratam HWC	MPHW(F)-1, CHO-1	Sasmita Panigrahy, MPHW(F)-9439985265				
10	Kidigam, Kashinagar NAC	Kidigam HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	B. Malati, MPHW(F)-9439985266				
11	Siali, Goribandha	Haripur SC	MPHW(M)-1, MPHW(F)-1	Usharani Poloka, ANM, 9439985270				
12	Allada, Siali	Allada HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	Minati Gouda, MPHW(F)-9439984022				
13	Budura, Goribandha	Kittingi HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	M. Vijayalaxmi, MPHW(F)-9439985277				
14	Goribandha, Khandava, Allada	Gouri HWC	MPHW(M)-1, MPHW(F)-1, CHO-1	U. Dhanalaxmi, MPHW(F)-9439985275				
15	Khanadava, Allada	Khanadava SC	MPHW(F)-1, CHO-1	Basanti Samantroy, ANM, 9439985273				

Police Station	Name of the G.P (Location)	Staff Available	Name and Contact number of IIC
Kashinagar	Kashinagar NAC	52( Inspector -01, Sub inspector -03,	Sunil Behera,7978012595

		ASI -02, Havildar 01, Constable -13, Home guard-32	
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3.5 Police Stations.

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)
<u>1</u>	Patrada	Building		Near GP Office	<u>Sarapanch</u> 7735389553	Toilets	<u>Double</u>
<u>2</u>	Khndwa	Building		Inside Bansadhara HS	<u>Sarapanch</u> 9861427858	Drinking water Toilet Power Back up Others	<u>Double</u>
<u>3</u>	Goribandh	Building		Near BL Laxmipur	<u>PS Member</u> 8337992218	Toilets	<u>Double</u>

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	Remarks (Single or Double)
1	PARTHADA	Concrete	60 ~70	PARTHADA A	7077589039	Drinking water Toilet Power Back up Others	double storeyed building
2	RANI PENTHA	Concrete	60 ~70	RANI PENTHA	9438189906	Yes	double storeyed building
3	K.SITAPUR	Concrete	60 ~70	SINGIPUR	7008901689	Yes	Single story
4	SIDHAMODAN GO	Concrete	60 ~70	SIDHAMOD ANGO	9776405825	Yes	double story building
5	PARTHADA	Concrete	60 ~70	BURUDI	8763966004	Yes	Single story
6	JODURU	Concrete	60 ~70	JODURU	9439809931	Yes	Single story

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)
7	ENDRI	Concrete	60 ~70	ENDRI	7656874137	Yes	Single story
8	JANIGAM	Concrete	60 ~70	JANIGAM	7735131457	Yes	Single story
9	BADAKHINGA	Concrete	60 ~70	BADAKHINGA	9778219137	Yes	Single story
10	SIDHAMODAN GO	Concrete	60 ~70	NILAKANTHAPUR	9439433031	Yes	Single story
11	SIDHAMODAN GO	Concrete	60 ~70	CH.LAXMIPUR	9439522608	Yes	Single story
12	K.SITAPUR	Concrete	60 ~70	SINGIPUR GUDA	9778878846	Yes	Single story
13	ALLADA	Concrete	60 ~70	RELLIGUDA	9861603882	Yes	Single story
14	KHANDAVA	Concrete	60 ~70	PALSINGI	7873312651	Yes	Single story
15	KHANDAVA	Concrete	60 ~70	ADARSHNAGAR	9438033647	Yes	Single story
16	KHANDAVA	Concrete	60 ~70	BADIGAM COLONY	9437621964	Yes	Single story
17	KHANDAVA	Concrete	60 ~70	SARA	9.5051E+10	Yes	double story building
18	KHANDAVA	Concrete	60 ~70	NEW SARA	8280737853	Yes	Single story
19	KHANDAVA	Concrete	60 ~70	KHANDAVA	8763308329	Yes	Single story
20	KHANDAVA	Concrete	60 ~70	PURUTIGUDA	8280037478	Yes	Single story
21	ALLADA	Concrete	60 ~70	GANDHINAGAR	9959313676	Yes	Single story
22	ALLADA	Concrete	60 ~70	ARAMADA	8280737839	Yes	Single story

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)
23	ALLADA	Concrete	60 ~70	ULLABHADRA	9437338336	Yes	Single story
24	ALLADA	Concrete	60 ~70	DIDINGIGUDA	7381189734	Yes	Single story
25	ALLADA	Concrete	60 ~70	LENGTHAGUDA	7873576825	Yes	Single story
26	ALLADA	Concrete	60 ~70	ALLADA		Yes	Single story
27	ALLADA	Concrete	60 ~70	ALLADA	8249178115	Yes	Single story
28	ALLADA	Concrete	60 ~70	ALLADA	8895117582	Yes	Single story
29	ALLADA	Concrete	60 ~70	ALLADA	9583233061	Yes	Single story
30	KHANDAVA	Concrete	60 ~70	KHANDAVA	9438202990	Yes	Single story
31	KHARADA	Concrete	60 ~70	BHUYASHI	9861409538	Yes	Single story
32	K.SITAPUR	Concrete	60 ~70	BISIRINGI	8594913111	Yes	Single story
33	K.SITAPUR	Concrete	60 ~70	CHAMPANGIGUDA	9337691410	Yes	Single story
34	K.SITAPUR	Concrete	60 ~70	DEBADALA	8917361593	Yes	Single story
35	K.SITAPUR	Concrete	60 ~70	H.JAGANNATHPUR	9861250844	Yes	Single story
36	K.SITAPUR	Concrete	60 ~70	K.SITAPUR	8249927803	Yes	Single story
37	KHARADA	Concrete	60 ~70	KHARADA	9776945966	Yes	Single story
38	KHARADA	Concrete	60 ~70	KHARADA	7978093464	Yes	Single story
39	KHARADA	Concrete	60 ~70	NAVADA	9556594339	Yes	Single story

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)
40	KHARADA	Concrete	60 ~70	KHARADA	9438074333	Yes	Single story
41	KHARADA	Concrete	60 ~70	KHARADA	9437817312	Yes	Single story
42	K.SITAPUR	Concrete	60 ~70	K.SITAPUR	9437370839	Yes	Single story
43	SIALI	Concrete	60 ~70	SIALI	8985827023	Yes	Single story
44	SIALI	Concrete	60 ~70	BINJIRIGUDA	9437370839	Yes	Single story
45	SIALI	Concrete	60 ~70	GURUSINGIGUDA	9692028021	Yes	Single story
46	SIALI	Concrete	60 ~70	GARIAGUDA	9776732422	Yes	Single story
47	SIALI	Concrete	60 ~70	HARIPUR	9583658659	Yes	Single story
48	SIALI	Concrete	60 ~70	KOLLA	8018050305	Yes	Single story
49	SIALI	Concrete	60 ~70	BADAGUDA	9937492923	Yes	Single story
50	SIALI	Concrete	60 ~70	PEDAMADI	9583984605	Yes	Single story
51	SIALI	Concrete	60 ~70	KARNIBHADRA	9583233072	Yes	Single story
52	SIALI	Concrete	60 ~70	KGN PETA	9583563555	Yes	Single story
53	SIALI	Concrete	60 ~70	BHUPATI LAXMIPUR	8847860166	Yes	Single story
54	SIALI	Concrete	60 ~70	B.L.PUR COLONY	7064176997	Yes	Single story
55	SIALI	Concrete	60 ~70	MADHUSUDANPUR	7077538139	Yes	Single story
56	SIALI	Concrete	60 ~70	KHURIGAM	9439520445	Yes	double story building
57	SIALI	Concrete	60 ~70	PALMANGUDA	9861663858	Yes	Single story
58	SIALI	Concrete	60 ~70	JEEBANDASGUDA	9437750413	Yes	double story building

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)
59	SIALI	Concrete	60 ~70	RAGIDISINGI	7787999955	Yes	Single story
60	SIALI	Concrete	60 ~70	KAITHAPADAR	9776187267	Yes	Single story
61	K.SITAPUR	Concrete	60 ~70	SRIBISHNUPUR	6371174184	Yes	Single story
62	KHARADA	Concrete	60 ~70	D.JAYAPUR	9438202978	Yes	Single story
63	HADUBHANGI	Concrete	60 ~70	VISTALA	9438338920	Yes	Single story
64	HADUBHANGI	Concrete	60 ~70	CHUDANGAPUR	7077131418	Yes	Single story
65	KIDIGAM	Concrete	60 ~70	KIDIGAM	8917391832	Yes	Single story
66	KIDIGAM	Concrete	60 ~70	KORTAM	9439408884	Yes	Single story
67	KIDIGAM	Concrete	60 ~70	SUNKANPETA	9438032673	Yes	Single story
68	NAC	Concrete	60 ~70	KASHINAGAR	7735683881	Yes	double story building
69	NAC	Concrete	60 ~70	KASHINAGAR	9437261303	Yes	Single story
70	NAC	Concrete	60 ~70	KASHINAGAR	9437825259	Yes	Single story
71	NAC	Concrete	60 ~70	KASHINAGAR	9437723595	Yes	Single story
72	BUDURA	Concrete	60 ~70	BUDURA	9439437730	Yes	Single story
73	BUDURA	Concrete	60 ~70	BOTHAVA	9692065820	Yes	Single story
74	GORIBANDHA	Concrete	60 ~70	GORIBANDHA	8895770048	Yes	Single story
75	BUDURA	Concrete	60 ~70	KITTINGI	9437875876	Yes	Single story
76	BUDURA	Concrete	60 ~70	VANNA	9668416432	Yes	Single story
77		Concrete	60 ~70	GOURI	9491927658	Yes	Single story

### 3.9 Human Resources:

Expertise	Availability in Number
Doctor	7
Fire personnel	11
ASHA	91
AWW/Helper	
Other Health professional	5 (Staff nurse, LT and Pharmacists)
AYUSH Professional	6 (PHC, MHU and MHT)
SEM (Tankers/PWS/ Gen sets)	16 (SEM)
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
RKSS	Gajapati	Agriculture		6	Rani Peta, Paralakhemundi 9438854384
PREM	Odisha	Livelihood, Education		5	R. Sitapur, Paralakhemundi – 7788006269
PRAVA	Gajapati	Agriculture and & livelihood		3	Kashinagar, Gajapati 9437192514

### 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	<b>NCC</b>						

## 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- Kashinagar	April
3	Snakebite	Entire block population	CHC- Kashinagar	May- June
4	Sanitation & Hygiene	Entire block population	CHC- Kashinagar	June
5	Drowning Prevention	3 GPs ( Kidigaoan, Budura & Khandava )	Fire and PHC	May – June
6	Tsunami (Coastal Villages)	Entire block population	CHC- Kashinagar	November
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	9437166214
3		CDO-cum-EO, ZP	06815-222420	9937274006
4	Sub Division	Sub Collector	06815-222226	7606981936
	Block Development Officer- 9556130989			
1	Block	Tahasildar		9556278784
2		MO I/C		6370186641
3		CDPO		9438429718
4		Fire Officer		7978867225
1	Gram Panchayat	Sarpanch/ Panchayat Samiti members		
		Shelter Nodal Officer		
	ALLADA	SARAPANCH		6370290254
	BUDURA	SARAPANCH		7852929058

SI	Level	Designation	Contact (Landline)	Contact (Mobile)
	GORIBANDHA	SARAPANCH		8456940604
	HADUBHANGI	SARAPANCH		6305290182
	K.SITAPUR	SARAPANCH		9556355157
	KHARADA	SARAPANCH		9692245681
	KIDIGAM	SARAPANCH		7847898261
	KHANDAVA	SARAPANCH		9861427856
	PARTADA	SARAPANCH		7735389553
	RANIPENTHA	SARAPANCH		9692303222
	SIALI	SARAPANCH		9776606907
	SIDHAMADANGA	SARAPANCH		9668497161
	ALLADA	SAMITI MEMBER		9337994980
	BUDURA	SAMITI MEMBER		7893269534
	GORIBANDHA	SAMITI MEMBER		8337972218
	HADUBHANGI	SAMITI MEMBER		7077468826
	K.SITAPUR	SAMITI MEMBER		8249693634
	KHARADA	SAMITI MEMBER		9861517515
	KIDIGAM	SAMITI MEMBER		9438338441
	KHANDAVA	SAMITI MEMBER		6370487133
	PARTADA	SAMITI MEMBER		9861900283
	RANIPENTHA	SAMITI MEMBER		7849002665
	SIALI	SAMITI MEMBER		9776664222
	SIDHAMADANGA	SAMITI MEMBER		8455907454
		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	ALLADA	No	5	No
2	BUDURA	No	7	05
3	GORIBANDHA	No	8	No
4	HADUBHANGI	No	9	No
5	K.SITAPUR	No	11	No
6	KHANDAVA	Proposed	8	06
7	KHARADA	No	7	No
8	KIDIGAM	No	7	01
9	PARTADA	No	10	No
10	RANIPENTHA	No	3	No
11	SIALI	No	19	No
12	SIDHAMADANGA	No	6	No

## CHAPTER-V

### RESPONSE PLAN

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

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	06815-284226	9777223545
2	Tahasildar	NA	9556278784
3	Asst. Executive Engineer	NA	8763245991
4	MO I/c	NA	6370186641
5	CDPO	NA	9438429718
6	BSSO	NA	9348144744
7	Block Agriculture Officer	NA	8763045519
8	Block Veterinary Officer	NA	9437251536
9	Marketing Inspector	NA	9778586864
10	GP Extension Officer	NA	9437527025
11	IIC	NA	7978012595
12	Station Officer, Fire Services	NA	9937543283

### 5.2 Zonation of Block

SL	Name of the officer	Name of GPs assigned	Contact details of the Officer
01	Mr. Rajat Kumar Padhi, AE Kashinagar	12 No.of GPs	9556399009
02	Mrs. Raj Kumar Sahoo, JE,	Goribandha, Kidigam	9437324566
03	Mr. Uma Sankar Patra, AE and Subasmita Samal, JE,	Parhada, Ranipeta, Sidhamadanga & Hadubhangi, Kharada & K.Sitapur	9439417955, 9178776356

#### 5.4 Relief Officer

<b>SL</b>	<b>Name of the Gram Panchayat/Village</b>	<b>Relief Officer</b>	<b>Contact details of the Officer</b>
01	Khandava	, Mr. Rajat Kumar Padhi, AE Kashinagar	8763245991
02	Budura		
03	Allada		
04	Siali		
05	Goribandha		
06	Kidigam		
07	Partada		
08	Ranipentha		
09	Sidhamadanga		
10	Hadubhangi		
11	Kharada		
12	K.Sitapur		

#### 5.5 Shelter Coordination Officers

<b>SL</b>	<b>Name &amp; Address of the Shelter</b>	<b>Assigned Coordination Officer</b>	<b>Contact details of the Officer</b>
	<b>Block In-charge</b>	K.Sitaram	9348144744
01	<b>Patrada shelter at Patrada</b>	Jacabo Gamango	8763631554
02	<b>Khandva shelter at Khandva</b>	Santhosh Kumar Bahadur	7978158186
03	<b>BL Laxmipur shelter</b>	Santhosh Kumar Bahadur	7978158186

#### 5.6 Emergency Support Functions

<b>SI</b>	<b>Assigned Task</b>	<b>Nodal Person &amp; Designation</b>	<b>Contact</b>	<b>Checklist</b>
1.	Communication: Control Room/ Warning Dissemination	Dambrudhar mallick, BDO , Kashinagar	9777223545	<ul style="list-style-type: none"> <li>Disseminate the warning to GP &amp; Village</li> <li>Coordinate with the District for warning updates</li> </ul>
2	Evacuation	Sj Sunil Behera, IIC, Kashinagar	7978012595	<ul style="list-style-type: none"> <li>Shelters Identified</li> <li>Drinking water</li> <li>First aid essentials</li> <li>Free kitchen</li> <li>Care for elderly, PWD, Children. Pregnant/ lactating</li> </ul>

				woman • Nodal person designated
3.	Search & Rescue	Dandababu	7978867225	<ul style="list-style-type: none"> <li>• Pre-positioning of Response force</li> <li>• Volunteers assigned</li> <li>• Nodal officer designated</li> <li>• Vehicles arranged</li> <li>• PoL arranged</li> <li>• Food, Drinking water arranged</li> </ul>
4	Relief line clearance	Dandababu, Fire Officer		<ul style="list-style-type: none"> <li>• Removal of trees, poles</li> <li>• Clearance of roads</li> </ul>
5	Shelter management	Sj Lakshmikanth sahu, GPEO/ Kanakalata Pujari, CDPO/ Kashinagar /. Tripati Sahu, JE Rws	9437527025	<ul style="list-style-type: none"> <li>• Shelters Identified</li> <li>• Drinking water</li> <li>• First aid essentials</li> <li>• Free kitchen</li> <li>• Care for elderly, PWD, Children. Pregnant/ lactating woman</li> </ul> <p>Nodal person designated</p>
6.	Relief Management	Subhendu panigrahi, Inspector of Supplies	9778586864	<ul style="list-style-type: none"> <li>• Identify relief distribution points</li> <li>• Stocking of relief materials</li> </ul> <p>Identifying the potential dealers</p>
7	Drinking Water & Sanitation	Mr. Tripati Sahu, JE Rws	8280408676	<ul style="list-style-type: none"> <li>• Identify drinking water sources</li> <li>• Disinfection of Drinking water sources</li> <li>• Testing the quality of water</li> </ul>
8.	Public Health Services	Dr. Soumya Ranjan Dash CHC, Kashinagar	6370186641	<ul style="list-style-type: none"> <li>• Stock position of live saving drugs, ORS, IV fluids and other equipment</li> <li>• Distribution of ORS, Halogen to field areas</li> <li>• List of contact address of field staff</li> <li>• List of volunteers</li> <li>• List of DDC/ AWW</li> <li>• List of epidemic/risk prone areas</li> <li>• List of site operation areas</li> <li>• Mobile health unit</li> <li>• List of Dist./ health control rooms</li> <li>• List of private and local doctor</li> <li>• Awareness through propagation of healthy</li> </ul>

				<p>practices during the disaster time</p> <ul style="list-style-type: none"> <li>• Trained the village taskforces on use of medicine and first aid</li> <li>• Daily disease report collection and analysis</li> <li>• Preventive measures</li> </ul>
9	Human Casualty Management	Sudhir Nanda, Tahasildar,	9556278784	<ul style="list-style-type: none"> <li>• Mortuary space designated</li> <li>• Help desk counter</li> <li>• Staff assigned</li> <li>• Recording of the identity</li> <li>• Reporting the status to BDO</li> </ul>
10	Damage & Loss Assessment	Sudhir Nanda, Tahasildar,	9556278784	<ul style="list-style-type: none"> <li>• Report the loss within 24 hrs of disaster</li> <li>• Follow the relief code for ex-gratia support</li> <li>• Instruction to RI &amp; Revenue Supervisor</li> </ul>
11	Energy	Sri Sandeep Kumar Patnaik, SDO, TPSODL, Kashinagar	9437959942	<ul style="list-style-type: none"> <li>• Identify strategic location</li> <li>• Prepositioning of man &amp; material</li> <li>• Immediate stock taking</li> <li>• mobilisation of man &amp; material</li> </ul>
12	Transport	Dambrudhar mallick, BDO , Kashinagar	9777223545	<ul style="list-style-type: none"> <li>• Identify vehicles and drivers</li> <li>• Traffic Control</li> </ul>
13	Public Works	Dibakar Dash, JE	8114395737	<ul style="list-style-type: none"> <li>• Prepositioning of Man &amp; materials</li> <li>• Identify vulnerable infrastructures</li> </ul>
14	Information & Communication	Dambrudhar mallick, BDO , Kashinagar	9777223545	<ul style="list-style-type: none"> <li>• Alternate communication source in place</li> <li>• Alternate internet facilities in place</li> </ul>
15	Media Management	Dambrudhar mallick, BDO , Kashinagar	9777223545	<ul style="list-style-type: none"> <li>• Situation update</li> <li>• Temporary shed for VIPs</li> <li>• Media Assemble point</li> <li>• Media and VIP briefing Note</li> </ul>
16	Animal Health Care	Mr. Ganesh, BVO, Kashinagar	8260517871	<ul style="list-style-type: none"> <li>• Animal population with categories</li> <li>• Possible problems related to different hazards</li> <li>• Dealer of feeds/fodder</li> <li>• List of cow sheds</li> <li>• Site camps with volunteers</li> <li>• Programme for mass vaccination</li> </ul>

				<ul style="list-style-type: none"> <li>• Trained the taskforce to use of medicine</li> <li>• coordinating with others</li> <li>• Carcass Disposal</li> </ul>
17	Law & Order	Sudhir Nanda, Tahasildar,	9556278784	<ul style="list-style-type: none"> <li>• Traffic Control</li> <li>• Safeguarding Relief material</li> <li>• Supervision of relief distribution</li> </ul>

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

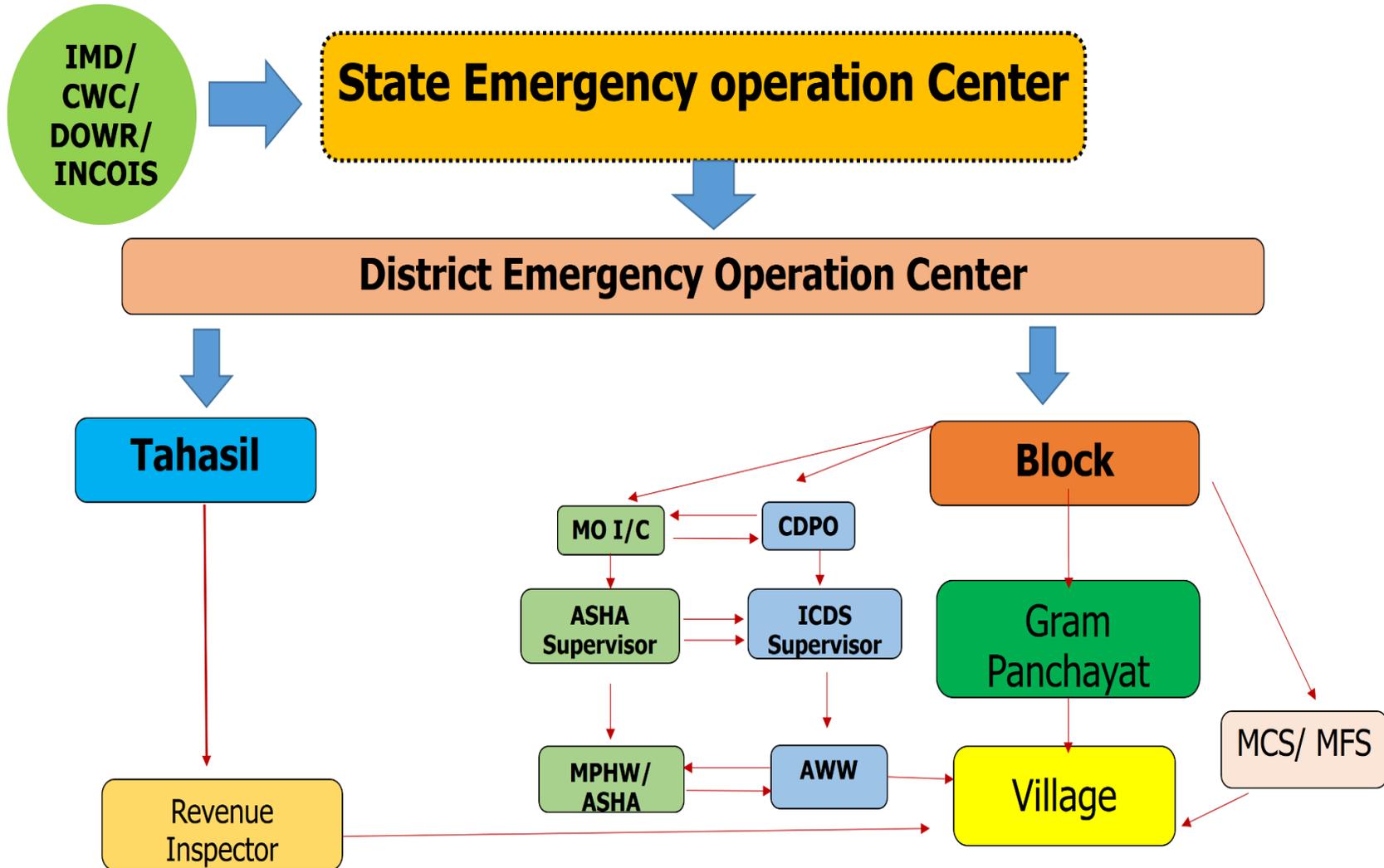
**Boat Operation Point -**

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 or no)	Name/Address and contact number of boat owner/ sailor	Name of PEO( Panchayat Executive Officer )
01	Gauri Ghat of Budurua GP	Gouri to Chingidi village of Katuru Taluka of AP	Banasadhara	Kashinagar	Country boat	Only 6 Person	No	Balaga Poli Village Vanna GP – Budurua Mobile - 8106448422	Mr.Lingaraju PEO –Budura Mobile - 9437660495
02	Khandava Ghat	Khandava to Neridi (AP)	Banasadhara	Kashinagar	Mechanized Boat	25	Yes ( 5 )	Cheka Srinivas At Khandava	Mr. Santosh Bahadur PEO –Khandava Mobile - 7978158186
03	Palsingh Ghat	Palsingh to Batili	Banasadhara	Kashinagar	Mechanized Boat	20	Yes ( 5 )	K ravana New Badigaon 6371498186	Mr. Santosh Bahadur PEO –Khandava Mobile - 7978158186
04	Kashinagar NAC	Ward no 7 – Ward no 10	Banasadhara	Kashinagar	NA	NA	NA	NA	Nodal Officer Smt. Ujalata Swalsingh, Mobile - 8117812127 Mr. Anil kumar Das Nodal Officer – Ward No 10 Mobile- 9337051639

### 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	9437527025	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	9348144744	To coordinate with the local authority	Follow-up action	Collection of information from departments

### Early Warning Dissemination Protocol in Kashingar Block

Name of Office	Responsible Officer	Before disaster	During Disaster	After Disaster
District Emergency Operation Center(DeOC) Gajapati	District Emergency Officer, DEOC, Gajapati Land – 06815-222943 - Mobile - 7008582029/969277721 E.mail : deocgajapati@gmail.com	Dissemination of warning to Block and Tahasil with details of hazard and alertness measures to be take	Disseminating updates	Disseminating de-warning
Block Office – Kashingar	BDO K Naagar Ph No -	Dissemination of warning message to MO IC /CDPO/ Gram Panchayat (PEO/Nodal Officer for the GP/Sarpanch ) with details of hazard and alertness measures to be taken Cancellation of leave in-case of flood / cyclone like waring / situation Assignment of staff (minimum Three including one lady staff) for smooth management of shelters - Available in BDMP Chalk out a plan for assignment of staff to	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	Provision of emergent relief for the affected people and cattle feed to the evacuated animals. Provision of free kitchen for the evacuees. Cutting of trees by the nearest fire station for clearance of the roads in case of cyclone / removal of debris as

		<p>each Gram Panchayat for facilitating the evacuation, free kitchen etc. (List of GP level Nodal officers are there) Safe evacuation of Old (men &amp; women), PWDs, pregnant women, women and children with special care. Instruct BVO and his/her team VAS, Adl VAS, VT and LI for evacuation of livestock and domestic animals to safe shelters. Arrangement of minimum basic requirement at the shelters like Food, Drinking water and light and sanitation facilities Alert the teachers and other staff of the Special Schools (residential) in coordination with BSSO &amp; BEO. Assess the SC &amp; ST Schools and plan for any evacuation required in case of flood /cyclone with the help of WEO. Assess the Old Age Homes and plan for any evacuation required in case of flood /cyclone with help of BSSO. Plan for safe evacuation of PWDs in coordination with BSSO. 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</p>	<p>situation and issue necessary instructions to all the concerned to make arrangements accordingly. Coordinate with fire services &amp; Response force for search &amp; rescue where ever required. Continuous coordination with DEOC &amp; SEOC for updates &amp; remain watchful. Keep track on the disaster information circulated by DEOC, SEOC, IMD and DoWR, etc.</p>	<p>required for road communication Restoration of basic facilities like electricity, drinking water, sanitation etc. Assess old age home , special schools, residential schools with BSSO.WEO and take necessary step Issue instructions for proper identification, cremation of dead bodies and disposal of carcasses Submission of daily situation reports in the prescribed format to the DEOC and preparation of other damage reports as required by Govt. in consultation with AEE,JE,BSO,BE O,WEO etc.</p>
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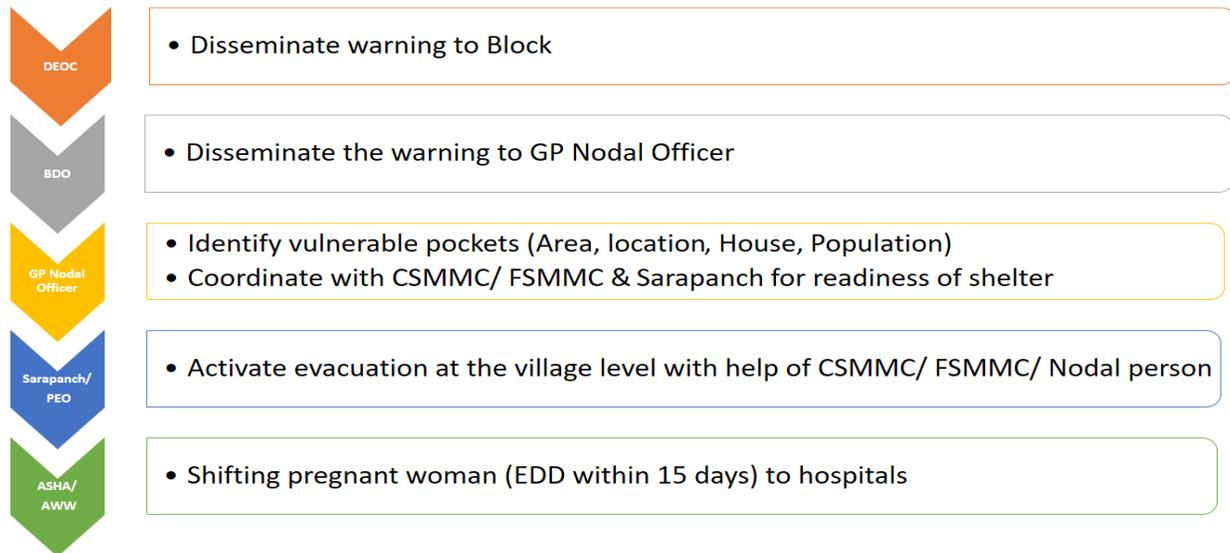
		and relief operation in coordination with MI. Provision of advance ration to the beneficiaries under different schemes like National Food Security Act (NFSA) / State Food Security Scheme (SFSS) / Antyodaya Anna Yojana (AAY) / Priority House Hold (PHH) Ration Card as per the state level decision with the help of Marketing inspector of Gosani Block.		
Tahasil	Tahsildar Kashingar	Convene coordination meetings along with BDOs and extend cooperation for effective and safe evacuation. Evacuation of people from hazard prone area in coordination with BDO. 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 / AR	Keep close watch on the situation. Take 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 Keep track on the disaster information circulated by DEOC, SEOC, IMD and DoWR, etc.	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 SubCollector. 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
CHC – Kashingar	Medical Officer – Kashingar	Dissemination of warning message to ASHA Supervisors /ASHA workers Keep the hospital in readiness to meet any eventuality during the emergency. Taking stocks of essentials medicines, water purifying (Halogen) tablets, antsnake venoms in CHCs, HWC, PHCs and other Hospital as required. Sufficient stocks of bleaching powder, chlorine powder, etc. Opening of a 24x7 control room. Planning for shifting of pregnant women having EDD within 15 days to nearby Hospital /Maa Griha immediately in coordination with CDPO on receipt of Cyclone/ Flood warnings. Identify	Deploy Rapid Response Teams (RRT) and carry out health care services. Coordinate with CDM&PHO & Block Administration for prompt Response. Medical (ante natal) checkups for pregnant women in all shelters	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

		<p>&amp; 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 along with required medicines to the vulnerable/ likely to be affected areas in advance.          Earmark separate wards in the hospital for treatment of injured persons during disaster and Plan for mass casualty incident</p>	<p>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 &amp; AWWs          Enforce proper dead body management &amp; 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 &amp; CDM&amp;PHO.          Organise Medical Relief Camps in affected areas</p>
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				with proper monitoring. Epidemiological Study of Disasters as per the instruction of the CDM&PHO/DPHO
Kashingar FS	OIC – FS,	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.	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	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.

## 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 Panchayatas

SL NO	NAME OF PEO	GP ALLOTTED	Block	CONTACT NO
1	Raj Kumar Lima	RANIPETA	Kashingar	9337671255
2		HADUBHANGI	Kashingar	6372499661
3	SANTOSH KU BAHADUR	KHANDAVA	Kashingar	7978158186
4		GORIBANDHA	Kashingar	7978158186
5	BHAGABAN NAYAK	SIALI	Kashingar	7008686462
6	S.Ravanamma	ALLADA	Kashingar	7655802182
7	Dilleswar Dalai	K.SITAPUR	Kashingar	7205454204
8	Lingaraju	BUDURA	Kashingar	9437660495
9	Jacob Gomango	PARTADA	Kashingar	8763631554
10	R JEEVIT RAO	KIDIGAM	Kashingar	9438117922
11	PRABHAT BISWALA	SIDHAMADANGA	Kashingar	7978192764
12	<b>V.Anusha</b>	KHARADA	Kashingar	7749985778

### 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 Kashinagar 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 Kashinagar 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
- Anganavadi 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.	ALLADA	NA	NA	NA	NA	NA
2.	BUDURA	NA	NA	NA	NA	NA
3.	GORIBANDHA	NA	NA	NA	NA	NA
4.	HADUBHANGI	NA	NA	NA	NA	NA
5.	K.SITAPUR	NA	NA	NA	NA	NA
6.	KHARADA	NA	NA	NA	NA	NA
7.	KIDIGAM	NA	NA	NA	NA	NA
8.	KHANDAVA	NA	NA	NA	NA	NA
9.	PARTADA	NA	NA	NA	NA	NA
10.	RANIPENTHA	NA	NA	NA	NA	NA
11.	SIALI	NA	NA	NA	NA	NA
12.	SIDHAMADANGA	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 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

*Identify the scheme/projects running in the Gram Panchayat/village 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
	GORIBANDHA	<ul style="list-style-type: none"><li>• Renovation and excavation of BNRGSK</li></ul>	GPDP	Block		
	HADUBHANGI					
	K.SITAPUR	<ul style="list-style-type: none"><li>• Construction of water channel to</li></ul>	GPDP			

		<b>manage grey water</b>				
	KHARADA	<ul style="list-style-type: none"> <li>• Construction of Amrit saraovar Dala Tank for water security</li> <li>• Opening of water kiosk</li> </ul>	GPDP	GP & RD		
	KIDIGAM					
	KHANDAVA	<ul style="list-style-type: none"> <li>• Construction of solar water supply system to ensure water security</li> </ul>		GP Fund		
	PARTADA	<ul style="list-style-type: none"> <li>• Construction of protection wall</li> <li>• Construction of boundary wall</li> <li>• Village sanitation drive</li> </ul>	GPDP	RD	NA	NA
	RANIPENTHA	<ul style="list-style-type: none"> <li>• Construction of institutional leach pits</li> <li>• Tank renovation for water security of animal and community</li> </ul>	GPDP	MDNREGA & RD	NA	NA
	SIALI	<ul style="list-style-type: none"> <li>• Construction of Plastic waste management room</li> <li>• Construction of rain water harvesting structure</li> </ul>	GPDP	MGNREGA & GP Fund	NA	NA
	SIDHAMADANGA	<ul style="list-style-type: none"> <li>• Renovation of Pino Pond</li> </ul>	GPDP			

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

SL	Name of the Village/GP	Hazard Specific Mitigation	Required Intervention	Executing Departments	Fund Required	Time Frame
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		<b>Plan</b>				
	ALLADA					
	BUDURA	One dedicated shelter	Construction of shelter building	OSDMA		
	GORIBANDHA					
	HADUBHANGI					
	K.SITAPUR	Landslide prevention protection wall		PWD/ RD		
	KHARADA					
	KIDIGAM	One flood shelter	Construction of shelter building			
	KHANDAVA					
	PARTADA	Landslide prevention protection wall		PWD/RD		
	RANIPENTHA					

**Annexure  
Important Contact No & SOP**

<b>SI No.</b>	<b>Name of the Officer</b>	<b>Designation</b>	<b>Position in DDMA (Ex-Officio)</b>	<b>Contact No. (If Land line please prefix 06815-)</b>
1	Sj Bijay Kumar Dash, IAS	Collector or District Magistrate	Chairman DDMA	9437561919, 222397, 222396(R), 222464 (Fax)
2	Sri Gabara Tirupati Rao	ZP President, Gajapati,	Co - Chairperson DDMA	7978935937
3	Sj Falguna Majhi OAS (S)	Additional District Magistrate, Gajapati	Chief Executive officer-DDMA	8144561720 223333, 222578
4	Sri Jatindra Kumar Panda, IPS	Superintendent of Police, Gajapati	Member	9438916700, 222533, 2225666 (R) , 222565 (Fax)
5	Sj Shankar Kerkata OAS	CDO-cum-EO, Zilla Parisad, Gajapati	Member	9437500946
6	Sri Pradeep Kumar Patro	Chief District Medical Officer	Member	9439984004 222205
7	Mr. Jagganath Padhi	District Emergency Officer – Gajapati	Member	9439524793
8	Ms. Purussottam Sahu	Deputy Director Agriculture, Gajapati	Member	7978521320
9	Er. Nimal Kumar Das	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	Dambrudhar Mallick	BDO , Kashinagar	Member	9777223545
13	Mr. Sudhir Nanda	Tahsildar,	Member	9556278784

### Block Level Officials

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	06815-284226	9777223545
2	Tahasildar	NA	9556278784
3	Asst. Executive Engineer	NA	9556399009
4	MO I/c	NA	<b>6370186641</b>
5	CDPO	NA	9438429718
6	BSSO	NA	9348144744
7	Block Agriculture Officer	NA	8763045519
8	Block Veterinary Officer	NA	8260517871
9	Marketing Inspector	NA	9778586864
10	GP Extension Officer	NA	9437527025
11	IIC	NA	7978012595
12	Station Officer, Fire Services	NA	9937543283

### GP Level Officials

SL NO	NAME OF PEO	GP ALLOTTED	Block	CONTACT NO
1	Raj Kumar Lima	RANIPETA	Kashingar	9337671255
2		HADUBHANGI	Kashingar	6372499661
3	SANTOSH KU BAHADUR	KHANDAVA	Kashingar	7978158186
4		GORIBANDHA	Kashingar	7978158186
5	BHAGABAN NAYAK	SIALI	Kashingar	7008686462
6	S.Ravanamma	ALLADA	Kashingar	7655802182
7	Dilleswar Dalai	K.SITAPUR	Kashingar	7205454204
8	Lingaraju	BUDURA	Kashingar	9437660495
9	Jacob Gomango	PARTADA	Kashingar	8763631554
10	R JEEVIT RAO	KIDIGAM	Kashingar	9438117922
11	PRABHAT BISWALA	SIDHAMADANGA	Kashingar	7978192764

12	V.Anusha	KHARADA	Kashingar	7749985778
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### **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 kutcha 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) I/C:****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 Griha 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 aanganwadi 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.