



**OSDMA**



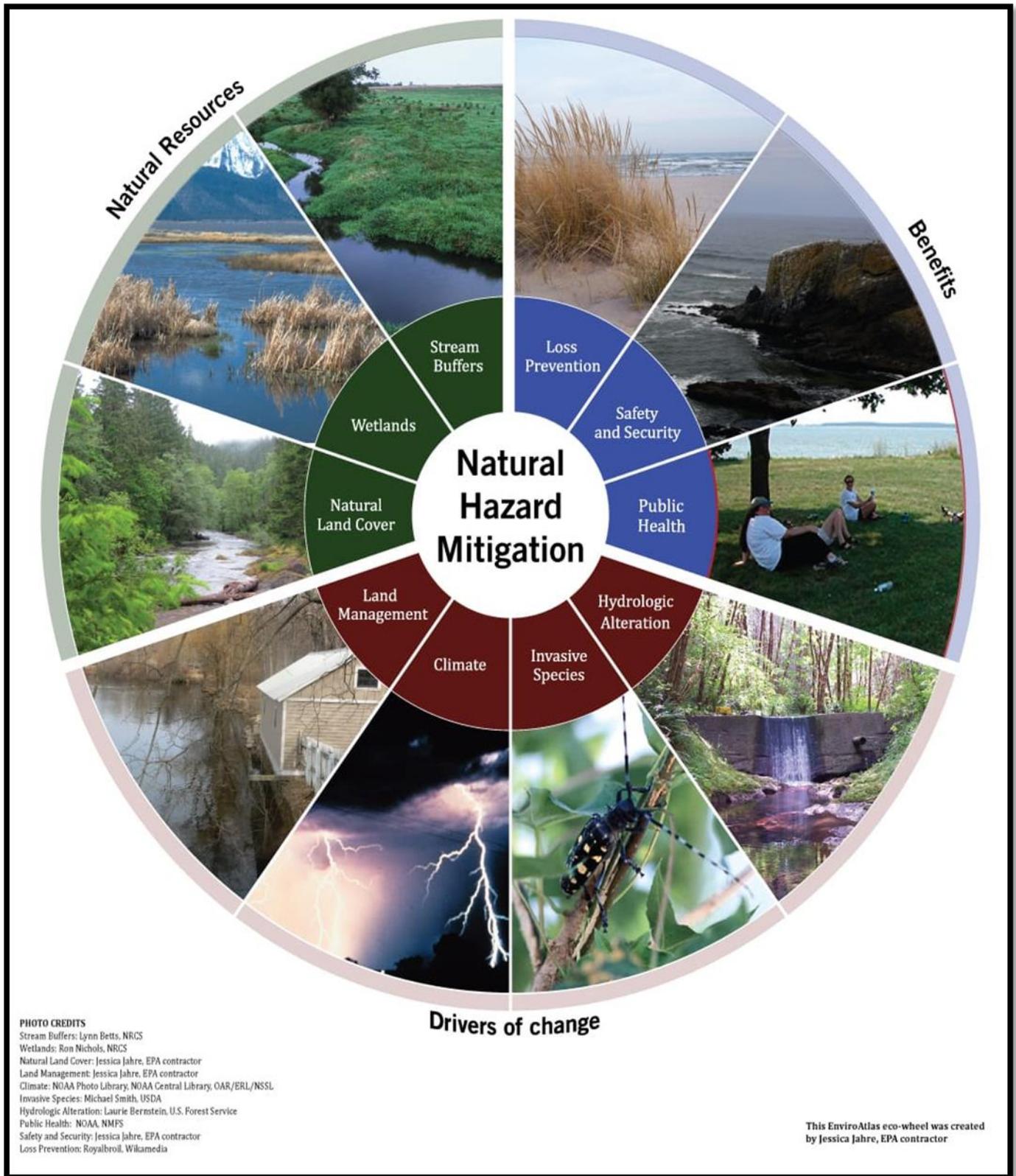
## **BLOCK DISASTER MANAGEMENT PLAN**



## **2024-25 NUAGADA**

**Prepared by: Block Disaster Management Committee, Nuagada  
Panchayat Samiti Nuagada, and District: Gajapati**

**Submitted to: District Disaster Management Authority, Gajapati  
Odisha State Disaster Management Authority, OSDMA**



# NATURAL DISASTERS



**Tornado**



**Drought**



**Earthquake**



**Flood**



**Windstorm**



**Avalanche**



**Volcano**



**Forest fire**



**Tsunami**



**Sandstorm**



**Hurricane**



**Dust storm**



**Snowstorm**



**Thunderstorm**



**Hailstorm**



**Sinkhole**

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## MESSAGE



I am extremely happy to present the Block Disaster Management Plan (BDMP ) for the year 2024-2025 of Nuagada 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 Nuagada 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 Nuagada 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 Nuagada 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 Nuagada block.

**Block Development Officer,  
Nuagada**

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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 -	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
GPDMMP –	Gram Panchayat Disaster Management Plan
GOI -	Government of India
GPDMMP –	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	19
2.	Revenue Village	174
3	RI Circle	6
4.	Police Station	0 ( 1 No. Outpost at Khajuripada )
5	Fire stations	1
6.	Railway Stations	0
7	Community Health Centre (CHC)	1
8	Primary Health Centre (PHC)	2(Nuagada and Keredang)
9	Any other Govt./Pvt. Hospital	0
10.	Sub-Centre (SC)/ Health Wellness Centre	17
11.	Veterinary Hospital	1
12.	Livestock Aid Center	7
13.	Primary School	66
14	Upper Primary School	13
15	High School / HSS	15/02
16	Colleges	1
17	Other Govt./Pvt. Educational Institutions	3
18	Residential Schools	5
19	Multi-purpose Cyclone/Flood Shelter	1
20	Child Care Institution	NA
21	Old Age Home	NA
22	Common Service Centre/E-Sahajoga Kendra	13

## RIVER & CANAL SYSTEM

(Add a paragraph on the Major River and canal system in and around the Block.)

River & water body

Sl. No	Name of the river/Water body	Remarks
01	Saralapadar River	The River Saralapadar is an important West flowing river towards Vansadhara River at Gunupur in Odisha. The river originates in the GP area of Attarsing at the border of R.Udayagiri Block in the Gajapati District of Odisha & runs for a distance of about 75 Kms in the State of Odisha, The river is adjoining in the Vansadhara river at Gunupur, Rayagada District of Odisha.
02	Canal system we need to analyze	There are no system in available in Nuagad block, people, people used to irrigate their paddy filed and vegetable cultivated land by lifting water from natural water bodies like streams artisans, water streams through pumps and traditional water lifting system.

## CHAPTER-I

### 1.1 Overview of the Block

Nuagada block is one the ST ( Scheduled Tribe ) block out of 7 blocks Gajapati district, longitude and latitude of block – is 19,09827375 and Longitude is 84,04939215 .Previously this areas ruled by the Gajapati Maharaja regime after Odisha province unification Nuagada region comes under Gajapati district of Odisha. Block situated at Hilly area of Nuagada Village.. The block became a separate block in April -1954, previously it was in R.Udayagiri block. The Nuagada block boundaries touches to Rayagada District in West, Gumma block in Sourh & Rayagada Block and R.Udayagiri block in East. People of this block predominately depend upon the agriculture, NTFP and allied activities for their livelihood. As per the 2011Census total population of block is 54500. 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 19 Gram Panchayat, 6 RI circle and 174 revenue villages. The distance of block from the district head quarter is 52 KM by road. The block is vulnerable in disaster like landslide and cyclone. There 2 no of GP's situated on the bank of river Saralapadar. These GP's usually gets risk during rainy season. The rest 17GP's are landslide prone area.



Tourist location of Nuagada block – Nuagada block always attract people for its natural beauty and landscape, there are number of Tourist places in Nuagada block the following are the details

SI No	Tourist Location Name	Major festival Observed
01	<b>Siddheshwar and Siddheshwarī Temple at Nuagada</b>	Shivratri

- Siddheshwar and Siddheshwarī Temple at Nuagada
- Hanuman Temple at Khajuripada
- Radha-Krushna Temple and Baptist Church at Badapada
- Langaleshwar Shiba and Jagannath Temple at Titising

#### Details of Village and HH of Nuagada Block

Sl. No	Name of the GP	No of villages	Total Number of HH	Total Population
1	Attarsing	7	604	2825
2	Bettarsing	7	402	1879
3	Puturupuda	14	657	3202
4	Tangli	7	394	1879
5	Parimala	6	474	2136
6	Udayapur	8	474	2226
7	Sambalpur	11	948	4667
8	Sundradang	5	350	1509
9	Anuguru	11	582	2866
10	Kirama	8	423	2238
11	Tabarada	12	747	3596
12	Khajuripada	18	583	3080
13	K.Jhalarsing	5	397	1846
14	Badapada	1	478	2396
15	Titising	18	569	2700
16	Luhangar	19	732	3509
17	Nuagada	3	815	3921

Sl. No	Name of the GP	No of villages	Total Number of HH	Total Population
18	P.Antarada	12	813	3991
19	Keredang	9	573	2721
Total		181	11015	53187

Sources – Block administration

#### 1.4 Rainfall (Annually)

Sl	Month	Normal Rainfall (in mm)	Actual Rainfall (in mm)		
			2021	2022	2023
1	January			81.4	Nil
2	February	1.8mm	1.8	nil	Nil
3	March	3.0mm	3.0	24.4	81.2
4	April	159.70	159.70	55.8	100.2
5	May	125.4	129.20	82.7	242
6	June	91.2	93.40	80.8	144.2
7	July	157.2	165.10	600.2	
8	August	127	127.4	514.6	
9	September	325	327.6	412	
10	October	181	187.8	185.20	
11	November	100	100.8	19.2	
12	December	_25	_25.10	_30.2	

Sources – Block Administration

NB.: Highest Rainfall Recorded (in one day)-600.2mm

1. Rain Recording station – Nuagada

#### 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 TOPOGRAPHY

#### 1.6.1 Geographical Area (in Hect.):

Sl.No	Name of the GP	Agricultural Land (Hc.)			Grazing land	Forest Land (In Hc.)	Others	Total area
		High	Medium	Low				
1	Paika Antarada	101.131	86.68368	52.97336	88.995	489.693	958.665	1778.141
2	Nuagada	58.96	50.53716	30.88382	11.92	64.775	428.59	645.666
3	Luhangara	193.947	166.2401	101.59116	208.195	739.314	1292.009	2701.296
4	Sundardanga	40.2788	34.52472	21.09844	61.169	65.596	1203.539	1426.206
5	Sambalpur	266.549	228.4708	139.62102	139.187	339.257	3894.464	5007.549
6	Anuguru	163.394	140.0519	85.58726	167.141	165.93	3665.935	4388.039
7	Kirama	139.943	119.9509	73.30334	111.955	114.345	1805.375	2364.872
8	Betarsing	54.102	52.214	251.021	21.235	74.124	75.256	527.952
9	Puturupada	100.125	152.812	92.134	25.123	120.236	125.235	615.665
10	Tangili	47.012	102.738	102.236	65.254	35.121	65.234	417.595
11	Khajuripada	128.121	109.818	67.111	173.091	595.677	375.679	1449.497
12	Badapada	35.5396	30.46248	18.61596	0.85	10.14	20.832	116.44
13	K.Jhalarsing	44.5498	38.18556	23.33562	56.595	94.929	190.179	447.774
14	Titising	127.551	109.3295	66.81246	134.455	233.368	1386.098	2057.614
15	Tabarada	150.673	129.1486	78.92412	121.522	53.678	1916.254	2450.2
16	Attarsing	128.121	109.818	67.111	67.405	10.284	2270.925	2653.664
17	Parimala	173.325	156.818	82.535	117.837	130.962	2477.646	3139.123
18	Udaypur	56.172	89.65	42.69	54.35	260.594	1433.956	1937.412
19	Keredanga	112.52	124.365	59.221	123.368	106.994	4058.895	4585.363
<b>Total</b>		<b>2122.01</b>	<b>2031.818</b>	<b>1456.8056</b>	<b>1749.647</b>	<b>3705.02</b>	<b>27644.77</b>	<b>38710.068</b>

#### 1.6.1 Geographical Area (in Hect.):

Sources – Tahasil office, Nuagada

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

SI.No	Name of the GP	Large Farmers	Marginal farmers	Small Farmers	Agricultural laborers / Share Croppers	Landless	Total
1	Paika Antarada	0	109.83	413.17	0	0	523
2	Nuagada	0	45.57	171.43	0	0	217
3	Luhangara	0	103.74	390.26	0	0	494
4	Sundardanga	0	33.39	125.61	0	0	159
5	Sambalpur	0	103.74	390.26	0	0	494
6	Anuguru	0	82.32	309.68	0	0	392
7	Keshriguda	0	5.25	19.75	0	0	25
8	Kirama	0	61.32	230.68	0	0	292
9	Betarsing	0	82.11	308.89	0	0	391
10	Puturupada	0	78.12	293.88	0	0	372
11	Tangili	0	42.63	160.37	0	0	203
12	Khajuripada	0	70.77	266.23	0	0	337
13	Badapada	0	12.81	48.19	0	0	61
14	K.Jhalarsing	0	18.69	70.31	0	0	89
15	Titising	0	32.55	122.45	0	0	155
16	Tabarada	0	97.02	364.98	0	0	462
17	Attarsing	0	80.85	304.15	0	0	385
18	Parimala	0	91.35	343.65	0	0	435
19	Udaypur	0	28.77	108.23	0	0	137
20	Keredanga	0	58.17	218.83	0	0	277
<b>Total</b>		<b>0</b>	<b>1239</b>	<b>4661</b>	<b>0</b>	<b>0</b>	<b>5900</b>

**Sources- Agriculture Office, Nuagada**

Apart from the above land details there are forest areas available in Nuagada block the following are the details of forest areas

List of Reserve Forest :

List of Reserve Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
NIL			

List of Protected Forest areas

List of Protected Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
R.Udayagiri	Anasahi PRF	409.042	Teak, Piasal & Cashew
	Nuagada PRF	448.996	Tangini, Piasal, Cashew & Sal
	Saragisahi PRF	221.941	Teak, Piasal & Cashew
	Tabarada PRF	415.923	Sal, Cashew, Piasal & Mohula

List of Demarcated Forest Land

List of Demarcated Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
NIL			

Other forest areas –

List of Un-Demarcated Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
R.Udayagiri	Antarada UDPF	687.160	Sal, Piasal, & Cashew
	ChapulikirimUDPF	2548.547	Amba, Sirisha, Bamboo, Sal, Piasal & Cashew
	Gouli UDPF	174.71	Sal, Piasal & Cashew
	Jhalarasingi UDPF	179.073	Sal, Piasal & Cashew
	Keradanga UDPF	4131.851	
	Kijanga East UDPF	1098.553	Sal, Piasal, Mohula & Cashew
	Kijanga West UDPF	1012.808	Sal, Piasal, Mohula & Cashew
	Leoba UDPF	2236.671	Sal, Piasal, Jamu, Mohula & Cashew
	Tandiguda UDPF	273.006	Sal, Piasal, & Cashew
	Manikapur UDPF	2858.076	Sal, Piasal & Cashew
	Rugeisingi UDPF	503.564	Amba, Sirisha, Bamboo, Sal, Piasal & Cashew

Forest Fire Management Plan Last Five Years

Year	No of Fire Incidence	Area in ha	Name of Forest Blocks affected
2019-20	318	17.462	Ora RF, Badapur PRF, Nuagada PRF,
2020-21	319	19.882	Rugeisingi UDPF, R.Udayagiri-W UDPF,
2021-22	251	10.042	Ratanga UDPF, Manikapur UDPF,
2022-23	398	10.792	Tandiguda UDPF, Chapulikirima UDPF,
2023-24	266	9.351	Leoba UDPF, Keradanga UDPF, Mundamua UDPF

<b>CROPPING PATTERN:-</b>				
S.L.N	NAME OF THE GP	TYPE OF CROPS (RAVI/KHARIF/ZAID)	AREA CULTIVATED (IN HECT)	AREA UNDER CROP INSURANCE(IN HECT)
1	NUGADA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	302	NA
2	P.ANTARADA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	470	NA
3	KERDANGA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	499	
4	LUHANGAR	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	646	NA
5	KHAJURIPADA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	386	
6	K.JHALARSING	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	215	NA
7	BADAPADA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	111	
8	TITISING	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	333	NA
9	TABARADA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	462	
10	ATTARSING	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	435	NA
11	PUTURUPUDA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	559	
12	BETARSING	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	643	NA
13	TANGILI	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	377	
14	PARIMALA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	413	NA
15	SAMBALPUR	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	350	
16	SUNDARDANGA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	186	NA
17	ANUGUR	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	354	
18	KIRAMA	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	373	NA
19	UDAYAPUR	CEREALS,PULSES,OILSEEDS, VAGETABLES,SPICES	188	
			7302	

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

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
NUGADA	52	381	150	
P.ANTARADA	45	251	218	
KERDANGA	42	280	186	
LUHANGAR	53	265	215	
KHAJURIPADA	24	315	257	
K.JHALARSING	62	310	214	
BADAPADA	12	351	301	
TITISING	36	286	217	
TABARADA	34	258	158	
ATTARSING	28	243	149	
PUTURUPUDA	39	189	109	
BETARSING	29	201	154	
TANGILI	31	185	107	
PARIMALA	38	194	149	
SAMBALPUR	42	205	147	
SUNDARDANGA	29	154	98	
ANUGUR	41	196	112	
KIRAMA	37	187	121	
UDAYAPUR	35	171	89	

Sources – BPC-RH (Block Office)

### 1.6.7 Drinking Water Sources

Name of the GP	Tube well	Over Head Tanks	PWS	Mega PWS	Others
NUGADA	43	05	2	Approx. date of completion March-2024	
P.ANTARADA	58	0	0		
KERDANGA	67	6	4		
LUHANGAR	59	4	2		
KHAJURIPADA	67	2	1		
K.JHALARSING	19	2	1		
BADAPADA	15	2	1		
TITISING	31	2	1		
TABARADA	43	4	2		
ATTARSING	32	1	1		
PUTURUPUDA	59	1	2		
BETARSING	52	1	1		
TANGILI	39	2	3		
PARIMALA	59	1	1		
SAMBALPUR	88	3	3		
SUNDARDANGA	25	1	1		
ANUGUR	98	2	4		
KIRAMA	62	3	0		
UDAYAPUR	33	1	1		
TOTAL	949	43	31		

Sources – RWSS, Nuagada

### 1.6.8 Infrastructure

Sl.	Name of the GP	PDS Outlets	Post Offices	Police Station/ Outpost	Pucca buildings	SDH/CHC	PHC	Dispensary	Cyclone/flood Shelters	Educational Institutions			Livestock centers	Cottage Industries	Industries	Godown	Bank	AWC	RI Office
										ME	High Schools	Collegege							
	NUGADA	1	1	1		0	1	1	0	1	1	1	0	0	0	1	1		1
	P.ANTARADA	1	1			0	0	0	0			1	1	0	0	1	0		0
	KERDANGA	1	1			0	1	0	0			1	0	0	0	1	0		0
	LUHANGAR	1	1			0	0	0	0			0	1	0	0	1	0		0
	KHAJURIPADA	1	1	0		1 C H C	0	0	1			0	1	0	0	1	1		1
	K.JHALARSING	1	1			0	0	0	0			0	1	0	0	1	0		0
	BADAPADA	1	1			0	0	0	0			1	1	0	0	1	0		0
	TITISING	1	1			0	0	0	0			0	1	0	0	1	0		0
	TABARADA	1	1			0	0	0	0			1	1	0	0	1	0		0
	ATTARSING	1	1	0		0 0	0	0	0			1	1	0	0	1	0		0
	PUTURUPUDA	1	1			0	0	0	0			1	1	0	0	1	0		0
	BETARSING	1	1			0	0	0	0			0	1	0	0	1	0		1
	TANGILI	1	1			0	0	0	0			1	1	0	0	1	0		0
	PARIMALA	1	1			0	0	0	0			0	0	0	0	1	1		0
	SAMBALPUR	1	1			0	0	0	0			1	1	0	0	1	0		1
	SUNDARDANGA	1	1			0	0	0	0			0	0	0	0	1	0		0
	ANUGUR	1	1			0	0	0	0			0	0	0	0	1	0		0
	KIRAMA	1	1			0	0	0	0			0	1	0	0	1	0		0
	UDAYAPUR	1	1			0	0	0	0			0	0	0	0	1	0		0

Sources – Block Education Office

### 1.6.9 Industries: Not available in Nuagada block

Nuagada is one of the backward block of Gajapati district, block is situated on the high terrain and undulated land, there are no industries available in Nuagada block

Name of the GP	Name of the Industries	Type of industry	Manpower employed	Infrastructure available	Chemicals used	Production
<b>NUGADA</b>	Cashew mill-1	Cashew production	8	Yes	NA	NA
<b>P.ANTARADA</b>	NA	NA	NA	NA	NA	NA
<b>KERDANGA</b>	NA	NA	NA	NA	NA	NA
<b>LUHANGAR</b>	NA	NA	NA	NA	NA	NA
<b>KHAJURIPADA</b>	NA	NA	NA	NA	NA	NA
<b>K.JHALARSING</b>	NA	NA	NA	NA	NA	NA
<b>BADAPADA</b>	NA	NA	NA	NA	NA	NA
<b>TITISING</b>	NA	NA	NA	NA	NA	NA
<b>TABARADA</b>	NA	NA	NA	NA	NA	NA
<b>ATTARSING</b>	NA	NA	NA	NA	NA	NA
<b>PUTURUPUDA</b>	NA	NA	NA	NA	NA	NA
<b>BETARSING</b>	NA	NA	NA	NA	NA	NA
<b>TANGILI</b>	NA	NA	NA	NA	NA	NA
<b>PARIMALA</b>	NA	NA	NA	NA	NA	NA
<b>SAMBALPUR</b>	NA	NA	NA	NA	NA	NA
<b>SUNDARDANGA</b>	NA	NA	NA	NA	NA	NA
<b>ANUGUR</b>	NA	NA	NA	NA	NA	NA
<b>KIRAMA</b>	NA	NA	NA	NA	NA	NA
<b>UDAYAPUR</b>	NA	NA	NA	NA	NA	NA

Sources – IPO, Nuagada

### 1.6.10 Financial Institutions (Banks):

Sl. No	Name of the GP	Name of the Bank	Location and Contact person	Contact Number
01	Nuagada	Canara Bank	Nuagada/ BM	9437579561
02	Parimala	PNB	Saralapadar/ BM	6281960239
03	Khajuripada	SBI	Khajuripada/ Cashier	7749814460

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	Nalini Kanhar, IIC Serango	9439186206
2	HAM amateur radio stations	NA	
3	DMR Radio	NA	
4	Others (If any)	NA	

#### 11.7 Major/ Medium/Minor Irrigation Facility:

Sl.No	Name of the Project	Location of the Project	Ayacut in Hect.
1	Burusingi	19° 08' 36.86" N / 84° 10' 52.27"E ,village-Burusingi ,GP- Puturupada	40.00
2	Kendula	19° 05' 30.95" N / 84° 02' 28.41"E ,village-Luhasingh,GP- Luhangar	40.00
3	Laxmipur,Aradi	19° 08' 14.42" N / 84° 10' 47.43"E ,village-Laxmipur ,GP- Puturupada	69.00
4	Pellar	19° 03' 22.50" N / 84° 03' 07"E ,village-Luhasingh,GP- Luhangar	45.00
5	Tabarada	19° 06' 06.55" N / 84° 07' 27.74"E ,village-Tabarada ,GP- Tabarada	44.00
6	Tedugu	19° 04' 28.74" N / 84° 05' 56.77"E ,village-Ragaijhuli ,GP- Khajuripada	66.00
<b>Minor Irrigation</b>		<b>TOTAL:</b>	<b>304.00</b>

(Sources – Irrigation department)

#### 1.8 Other Irrigation Facilities and Sources:

Name of the Block	No. of LI points	Remarks
Nuagada	08(2Nos .defunct)	Details will be share in annexure

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

RI Circle Details

Sl No	Name of RI Circle	Name of the GP comes under RI circle	Officer Name & Contact details
1.	Sambalpur	Anuguru, Kirama, Sundardang	Balraj Sahani, 7894118209
2.	Nuagada	Luhangar	Nalinikant Patnaik, 9437886028
3.	Khajuripada	K.Jhalarsing, Titising, Badapada.	Jamuna Beherdalai, 6372799266
4.	Tabarada	Attarsing	N. Ramakrishna, 9861089042
5.	Betarsing	Putrupada, Tangili	Rajeswar Raito(I/c) 7978993455
6.	Parimal	Udaypur	Sujata Singh, 9078369570
7.	Keredang	P. Antarada	Sushant Ku. Gomango, 7735393508

## 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	Infra-structure
1.	Flood	1980	NA	–	–	–	–	–
2.	Flood	1992	NA	–	–	–	–	–
3.	Flood	2006	NA	–	–	–	–	–
4.	Flood	2007	NA	–	–	–	–	–
5.	Flood	2008	NA	–	–	–	–	–
6.	Cyclone – Titili	2018	19	–	–	–	2104	–
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	NA											
Drought	NA											
Landslide	NA	NA	NA	NA	NA	Yes	Yes	Yes	Yes	NA	NA	NA
Forest fire	NA											
Drowning	NA											
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	NA	NA	NA	NA	NA
Landslide	NA	NA	NA	NA	NA
Cyclone	NA	NA	NA	NA	NA
Drought	NA	NA	NA	NA	NA

### 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					
Land Slide	Rainy season	All GPs will bcome under this situation	Hilly area villages		Nadhimutha area 6GPs and other villages
Cyclone	May – October	Entire Block			
Snake bite	All time				
Drowning	July – September				
Lightening	All Time				

#### Area specific disaster

SI No	Name of Disaster	Vulnerable GP	No of Villages	Vulnerable population details approximately
01	Landslide			

#### List of Embankment

SI No	Name of embankment	Types of embankment	Length of embankment
There are no river embankment in Nuagda block although there is small river call Saralapadar flowing in Nugagada block			

### River carrying capacity -

SI No	Name of embankment	Types of embankment	Length of embankment
Only Saralapadar river flowing round the year, round the year water available			

Flash Flood

SI No	Flash flood	All GP	Remark
SI	Out of 19 GPs 6 GP are prone to flash flood due to high elevation & altitude	All 19 GP	Flash flood is a seriously problem for the block, during heavy rain period all these 6 GP are prone to flash flood and flood like situation

#### 2.4.0 Food security

SL NO	NAME OF THE GP	TOTAL NO OF HOUSEHOLDS	CATEGORY	
			NFSA	SFSS
1	NUGADA	815	2857	93
2	P.ANTARADA	813	4337	33
3	KERDANGA	573	2412	17
4	LUHANGAR	732	2943	12
5	KHAJURIPADA	583	2762	78
6	K.JHALARSING BADAPADA	397/478	1279	47
7			1817	17
8	TITISING	569	2501	26
9	TABARADA	747	3951	26
10	ATTARSING	604	2965	8
11	PUTURUPUDA	657	3344	7
12	BETARSING	402	1857	0
13	TANGILI	394	1767	12
14	PARIMALA	474	2365	57
15	SAMBALPUR	948	4220	94
16	SUNDARDANGA	350	950	15
17	ANUGUR	582	3176	61
18	KIRAMA	423	2811	95
19	UDAYAPUR	474	2676	33
	<b>TOTAL</b>	<b>11015</b>	<b>2857</b>	<b>93</b>

( MI Nuagada , Block Office )

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

Sl.No.	No. of HH	NFSA	SFSS
1	13727	13501	226

**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	NUGADA	234	86	105	0	Un married- 16
2	P.ANTARADA	347	137	145	0	AIDS-2 Un married-67
3	KERDANGA	217	67	102	0	Unmarried-24
4	LUHANGAR	309	80	59	0	Unmarried-78
5	KHAJURIPADA	191	54	96	0	Unmarried-29
6	K.JHALARSING	117	37	82	0	Unmarried-12
7	BADAPADA	139	64	111	0	Diverced-2, UMW-8
8	TITISING	229	74	92	0	Unmarried -43
9	TABARADA	314	104	127	0	Unmarried- 11
10	ATTARSING	327	124	124	0	Unmarried- 49,Div-01
11	PUTURUPUDA	197	82	139	0	Unmarried-16,Div-1
12	BETARSING	85	57	74	0	Unmarried-5 WPCOVID-1- 1
13	TANGILI	94	30	82	0	Divorced1,Unmarried-23
14	PARIMALA	155	63	101	0	UMW-3,Div-1
15	SAMBALPUR	156	109	197	0	UMW-17,Aids-1
16	SUNDARDANGA	132	28	41	0	UMW-2
17	ANUGUR	215	92	133	0	UMW-7,Div-2,Leprocry-1
18	KIRAMA	205	40	53	0	UMW-5
19	UDAYAPUR	184	69	76	0	UMW-7

Sources – Block social security Office

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

### 2.5.1 Cyclone

Sl. No.	No of GP	No of Villages	No of Fisherman Habitation	Population	Distance from the Sea	Remarks	
1	6	78	NA	28350	NA	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
	NA	NA	NA	NA	NA	NA	NA	NA	NA

## 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	Nuagada	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	174			
	Lightning	All GPs	174			
	Forest Fire	NA	NA			
	Land slide	All GPs	165	58400		
	Flood	NA	NA	NA		
	Snake Bite	All GPs				
	Cyclone	10GPs				

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

SI	Particulars	Flood	Cyclone	Forest Fire	Landslide	Snake Bite	Lightning	Drought
1.	Gram Panchayat	0	10	0	18	19	19	19
2.	Revenue Village	0	65	0	165	174	174	174
3	Educational Institutions/ Residential Schools	0	All	0	0	All	All	All
4	Anganwadi Centres	274	274	0	All	All	All	All
5	Special Schools	-	-	-	-	-	-	-
6	Health institutions	0	0	0	0	0	0	0
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	NA	NA	NA
2			
3			

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)
Saralapadar Nala	Nuagada CWC Gauge Station	12.50	15.10	21.25

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	3	<i>Padhy Bus Association</i>	9438851143
	Truck	4		
	Boats	0	0	
	Ambulance	2( 108 & 102)	<i>Hospital</i>	7854886621
	Country boat	0		

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	2	<i>RWSS –Nuagada</i>	8280408363 –
	Overhead tanks	19	<i>RWSS –Nuagada</i>	JE, RWSS
	Mobile tankers	2(GP/Block)	<i>RWSS –Nuagada</i>	8280408363 – JE, RWSS

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 Saws	19	<i>GP/Fire Dept.</i>	6370934400
	Proklins	0		
	Earthmoving Vehicles (JCB)	2	<i>PWD</i>	JE -PWD
	Debris/Road Clearance equipment	NA	NA	NA
	Tractors	52	<i>Individual</i>	

**Forest Deptt / List of Reserve Forest :**

List of Reserve Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
NIL			

List of Protected Forest areas

List of Protected Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
R.Udayagiri	Anasahi PRF	409.042	Teak, Piasal & Cashew
	Nuagada PRF	448.996	Tangini, Piasal, Cashew & Sal
	Saragisahi PRF	221.941	Teak, Piasal & Cashew
	Tabarada PRF	415.923	Sal, Cashew, Piasal & Mohula

List of Demarcated Forest Land

List of Demarcated Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
NIL			

Other forest areas –

List of Un-Demarcated Forest in Nuagada Block			
Range	Forest Block Name	Area in HA	Major flora & Fauna
R.Udayagiri	Antarada UDPF	687.160	Sal, Piasal, & Cashew
	ChapulikirimUDPF	2548.547	Amba, Sirisha, Bamboo, Sal, Piasal & Cashew
	Gouli UDPF	174.71	Sal, Piasal & Cashew
	Jhalarasingi UDPF	179.073	Sal, Piasal & Cashew
	Keradanga UDPF	4131.851	
	Kijanga East UDPF	1098.553	Sal, Piasal, Mohula & Cashew
	Kijanga West UDPF	1012.808	Sal, Piasal, Mohula & Cashew
	Leoba UDPF	2236.671	Sal, Piasal, Jamu, Mohula & Cashew
	Tandiguda UDPF	273.006	Sal, Piasal, & Cashew
	Manikapur UDPF	2858.076	Sal, Piasal & Cashew
Rugeisingi UDPF	503.564	Amba, Sirisha, Bamboo, Sal, Piasal & Cashew	

Forest Fire Management Plan Last Five Years

Year	No of Fire Incidence	Area in ha	Name of Forest Blocks affected
2019-20	318	17.462	Ora RF, Badapur PRF, Nuagada PRF,
2020-21	319	19.882	Rugeisingi UDPF, R.Udayagiri-W UDPF,
2021-22	251	10.042	Ratanga UDPF, Manikapur UDPF,
2022-23	398	10.792	Tandiguda UDPF, Chapulikirima UDPF,
2023-24	266	9.351	Leoba UDPF, Keradanga UDPF, Mundamua UDPF

### 3.1.4 Other Resources

<b>Resource Type</b>	<b>Details</b>	<b>Numbers</b>	<b>Agency/Association name</b>	<b>Contacts with Telephone No.</b>
<i>Other Resources</i>	Tower light	01	<i>Fire station and at shelter level</i>	9090491193- <i>Fire officer</i>
	Gen sets	22	<i>GP-19Shelter-3</i>	
	Pump set	2	<i>Fire station</i>	9090491193- <i>Fire officer</i>

### Resources Available in each departments working in Block

SI No	Department Name	Equipments available	Contact person name details
01	Road & Building	JCB., tractors, Cranes	
02	PWD	Roller	
04	Fire	Fire van	
05	Police	Bolero	
06	Southco	Truck	
07			

### Skilled Human Resources Available In Block –

SL No	Skilled in	Total No of Available
01	Driver	138
02	Carpenter	06
03	Plumber	11
04	Electrician	14
05	Mason	220
07	Doctor	03
08	Pharmacists	07
	Others ( specify )	NA

### 3.2. Transportation Facilities:

Sl.	Name of the GP	Bus Owners Association	No. of Bus	Truck Owners Association	No. of Trucks	Boat Owners Association	No. of Boats	Tractor
1	<b>NUGADA</b>	NA	NA	NA	NA	NA	NA	5
2	<b>P.ANTARADA</b>	NA	NA	NA	NA	NA	NA	5
3	<b>KERDANGA</b>	NA	NA	NA	NA	NA	NA	05
4	<b>LUHANGAR</b>	NA	NA	NA	NA	NA	NA	01
5	<b>KHAJURIPADA</b>	NA	NA	NA	NA	NA	NA	03
6	<b>K.JHALARSING</b>						2 No	01
7	<b>BADAPADA</b>	NA	NA	NA	NA	NA	NA	02
8	<b>TITISING</b>	NA	NA	NA	NA	NA	NA	01
9	<b>TABARADA</b>	NA	NA	NA	NA	NA	NA	01
10	<b>ATTARSING</b>	NA	NA	NA	NA	NA	NA	02
11	<b>PUTURUPUDA</b>	NA	NA	NA	NA	NA	NA	02
12	<b>BETARSING</b>	NA	NA	NA	NA	NA	NA	01
13	<b>TANGILI</b>	NA	NA	NA	NA	NA	NA	01
14	<b>PARIMALA</b>	NA	NA	NA	NA	NA	NA	03
15	<b>SAMBALPUR</b>	NA	NA	NA	NA	NA	NA	03
16	<b>SUNDARDANGA</b>	NA	NA	NA	NA	NA	NA	01
17	<b>ANUGUR</b>	NA	NA	NA	NA	NA	NA	02
18	<b>KIRAMA</b>	NA	NA	NA	NA	NA	NA	01
19	<b>UDAYAPUR</b>	NA	NA	NA	NA	NA	NA	02

SL NO	NAME OF THE GP	TYPE OF STORAGE STRUCTURE	LOCATION(VILL AGE/GP)	CAPACITY( IN QNTL)	CONTACT PERSON (Jogan Sahayak)	ADDRESS AND PHONE NO	REMARKS (GOVT/PVT)
1	<b>NUGADA</b>	PUCCA	GP OFFICE	500			GOVT
2	<b>P.ANTARADA</b>	PUCCA	GP OFFICE	400			GOVT
3	<b>KERDANGA</b>	PUCCA	GP OFFICE	350			GOVT
4	<b>LUHANGAR</b>	PUCCA	GP OFFICE	350			GOVT
5	<b>KHAJURIPADA</b>	PUCCA	GP OFFICE	750			GOVT
6	<b>K.JHALARSING</b>	PUCCA	GP OFFICE	650			GOVT
7	<b>BADAPADA</b>	PUCCA	GP OFFICE	400			GOVT
8	<b>TITISING</b>	PUCCA	GP OFFICE	350			GOVT
9	<b>TABARADA</b>	PUCCA	GP OFFICE	300			GOVT
10	<b>ATTARSING</b>	PUCCA	GP OFFICE	200			GOVT
11	<b>PUTURUPUDA</b>	PUCCA	GP OFFICE	400			GOVT
12	<b>BETARSING</b>	PUCCA	GP OFFICE	200			GOVT
13	<b>TANGILI</b>	PUCCA	GP OFFICE	200			GOVT
14	<b>PARIMALA</b>	PUCCA	GP OFFICE	200			GOVT
15	<b>SAMBALPUR</b>	PUCCA	GP OFFICE	200			GOVT
16	<b>SUNDARDANGA</b>	PUCCA	GP OFFICE	200			GOVT
17	<b>ANUGUR</b>	PUCCA	GP OFFICE	200			GOVT
18	<b>KIRAMA</b>	PUCCA	GP OFFICE	200			GOVT
19	<b>UDAYAPUR</b>	PUCCA	GP OFFICE	200			GOVT

### 3.4 Health Institutions

Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number
NUGADA	PHC	3	
P.ANTARADA	NA		
KERDANGA	SC HWC	3	
LUHANGAR			
KHAJURIPADA	CHC	15	
K.JHALARSING	NA	NA	
BADAPADA	NA	NA	
TITISING	NA	NA	
TABARADA	NA	NA	
ATTARSING	NA	NA	
PUTURUPUDA	NA	NA	
BETARSING	NA	NA	
TANGILI	NA	NA	
PARIMALA	NA	NA	
SAMBALPUR	NA	NA	
SUNDARDANGA	NA	NA	
ANUGUR	NA	NA	
KIRAMA	NA	NA	
UDAYAPUR			

### Health Facilities

Sl. No.	Name of the G.P (Location)	Health Facilities (PHC/ HWC/ Sub Centre/ Maa Gruha)	Staff Available	Contact number of in charge	Oxygen Cylinder	Oxygen Concentrator	Life Saving Drugs	Ambulance
1	<b>NUGADA</b>	PHC	Doctors-1, Pharmacist-1, Staff Nurse-2		1		Yes	102
2	<b>P.ANTARADA</b>	NA	NA	NA	NA	NA	Yes	
3	<b>KERDANGA</b>	PHC	CHO-1 Pharmacist-1, Staff Nurse-1	NA	NA	NA	Yes	102
4	<b>LUHANGAR</b>	NA	NA	NA	NA	NA	NA	NA
5	<b>KHAJURIPADA</b>	CHC	Doctors-6, Pharmacist-2, Staff Nurse-4	99082495 60	2	NA	NA	108
6	<b>K.JHALARSING</b>	NA	NA	NA	NA	NA	NA	NA
7	<b>BADAPADA</b>	NA	NA	NA	NA	NA	NA	NA
8	<b>TITISING</b>	NA	NA	NA	NA	NA	NA	NA
9	<b>TABARADA</b>	NA	NA	NA	NA	NA	NA	NA
10	<b>ATTARSING</b>	NA	NA	NA	NA	NA	NA	NA
11	<b>PUTURUPUDA</b>	NA	NA	NA	NA	NA	NA	NA
12	<b>BETARSING</b>	NA	NA	NA	NA	NA	NA	NA
13	<b>TANGILI</b>	NA	NA	NA	NA	NA	NA	NA
14	<b>PARIMALA</b>	NA	NA	NA	NA	NA	NA	NA

15	<b>SAMBALPUR</b>	NA						
16	<b>SUNDARDANGA</b>	NA						
17	<b>ANUGUR</b>	NA						
18	<b>KIRAMA</b>	NA						
19	<b>UDAYAPUR</b>	NA						

### 3.5 Police Stations

Outpost/ Police Station	Name of the G.P (Location)	Staff Available	Name and Contact number of IIC
Khajuripada	Khajuripada	Total 7 staffs are available	Praful Jagaranga- 6371184319

### Fire Station

Name of Fire station	Name of the G.P (Location)	Staff Available	Name and Contact number of IIC
	Nuagada block	6-7	

### 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>	Khajuripada	Building	2200 Square feet	Near BSA College	7078611686	Toilets	<u>Double stories</u>
Shelter equipments are not available							

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	<b>NUGADA</b>	Concrete	60 ~70	<b>NUGADA</b>	Sarapanch/PEO	Drinking water Toilet Power Back up Others	double storeyed building
2	<b>P.ANTARADA</b>	Concrete	60 ~70	<b>P.ANTARADA</b>		Yes	double storeyed building
3	<b>KERDANGA</b>	Concrete	60 ~70	<b>KERDANGA</b>		Yes	Single story
4	<b>LUHANGAR</b>	Concrete	60 ~70	<b>LUHANGAR</b>		Yes	double story building
5	<b>KHAJURIPADA</b>	Concrete	60 ~70	<b>KHAJURIPADA</b>		Yes	Single story
6	<b>K.JHALARSING</b>	Concrete	60 ~70	<b>K.JHALARSING</b>		Yes	Single story
7	<b>BADAPADA</b>	Concrete	60 ~70	<b>BADAPADA</b>		Yes	Single story
8	<b>TITISING</b>	Concrete	60 ~70	<b>TITISING</b>		Yes	Single story
9	<b>TABARADA</b>	Concrete	60 ~70	<b>TABARADA</b>		Yes	Single story
10	<b>ATTARSING</b>	Concrete	60 ~70	<b>ATTARSING</b>		Yes	Single story
11	<b>PUTURUPUDA</b>	Concrete	60 ~70	<b>PUTURUPUDA</b>		Yes	Single story
12	<b>BETARSING</b>	Concrete	60 ~70	<b>BETARSING</b>		Yes	Single story
13	<b>TANGILI</b>	Concrete	60 ~70	<b>TANGILI</b>		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)
14	<b>PARIMALA</b>	Concrete	60 ~70	<b>PARIMALA</b>		Yes	Single story
15	<b>SAMBALPUR</b>	Concrete	60 ~70	<b>SAMBALPUR</b>		Yes	Single story
16	<b>SUNDARDANGA</b>	Concrete	60 ~70	<b>SUNDARDANGA</b>		Yes	Single story
17	<b>ANUGUR</b>	Concrete	60 ~70	<b>ANUGUR</b>		Yes	double story building
18	<b>KIRAMA</b>	Concrete	60 ~70	<b>KIRAMA</b>		Yes	Single story
19	<b>UDAYAPUR</b>	Concrete	60 ~70	<b>UDAYAPUR</b>		Yes	Single story

### 3.9 Human Resources:

Expertise	Availability in Number
Doctor	7
Fire personnel	9
ASHA	103
AWW/Helper	284/166
Other Health professional	4 (Staff nurse, LT and Pharmacists)
AYUSH Professional	3 (PHC, MHU and MHT)
SEM (Tankers/PWS/ Gen sets)	19 (SEM)
Drivers (Road and Water ways)	12

### 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	28	50	50	0		
02	Aapda Mitra	40( proposed )					
03	Disaster Management Teams	4 FSMMC/ CSMMC					
04	Civil Defence	0	0	0	0	0	0
05	NCC						

**Volunteers details Aapda Mitra of Nuagada Block**

<b>SI No.</b>	<b>Mr/Ms</b>	<b>Name</b>	<b>Gender</b>	<b>Mobile Number</b>
1	Mr.	Raj Dalabehera	Male	7994224469
2	Mr.	Sudip Limma	Male	6370245504
3	Mr.	Mahesh Kumar Raika	Male	9439336816
4	Mr.	Dinesh Kumar Gamango	Male	9437342239
5	Mr.	Gopinath Dalai	Male	9692441491
6	Mr.	Nabina Gamango	Male	7815097305
7	Mr.	Atulya Mandal	Male	7008142536
8	Mr.	Saheb Chandra Majhi	Male	7751873744
9	Mr.	Phenuel Majhi	Male	9827065646
10	Mr.	Rupa Gamango	Male	7735119565
11	Mr.	Sangram Paik	Male	7848863531
12	Mr.	Simant Lima	Male	7683908083
13	Mr.	Amson Majhi	Male	6370437007
14	Mr.	Saiman Majhi	Male	8260253299
15	Mr.	Narayan Dandasena	Male	9668326222
16	Mr.	Susanta Dalabehera	Male	7655066245
17	Mr.	Biraj Kumar Bhuyan	Male	7848025342
18	Mr.	Rohit Kumar Das	Male	8658313945
19	Mr.	Susena Mandal	Male	8260989722
20	Mr.	Miklash Bhuyan	Male	8480495746
21	Mr.	Eniel Dalbehera	Male	7849004739
22	Mr.	Samanta Raita	Male	7849005522
23	Mr.	Abhinath Raika	Male	8249281215
24	Mr.	Saroj Raita	Male	8926061121
25	Mr.	Rabindra Dalai	Male	7855816932
26	Mr.	Juel Majhi	Male	7064515618
27	Miss	Runi Raita	Female	8280196387
28	Miss	Mandakimi Raita	Female	7326959479
29	Miss	Suntani Raita	Female	9438527887
30	Miss	Sanjita Dalabehera	Female	8144213254
31	Miss	Janita Raita	Female	9692143425
32	Miss	Asansti Raika	Female	9692677100
33	Miss	Jeni Mandal	Female	8480533126
34	Miss	Madhusmita Raita	Female	8480638646
35	Miss	Nikita Mandal	Female	9692674548
36	Miss	Binita Mandal	Female	8114766860
37	Miss	Losita Raita	Female	7008590159
38	Miss	Ruashmani mandal	Female	9692983300
39	Miss	Arapa Mandal	Female	8356006486
40	Miss	Subasini Mandal	Female	8093893653

## CHAPTER-IV

### PREPAREDNESS PLAN

#### 4.1 Preparation/Updating of Disaster Management Plan of Block.

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

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

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

##### 4.2.1 Village Disaster Management Plan (50 Words)

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

#### 4.2.2 Gram Panchayat Disaster Management Plan (50 Words)

The Gram Panchayat Disaster Management Plan is in the process of preparation in one of the Gram Panchayat out of 25 in the block. The Plan involves representatives from Panchayat Raj Institutions, Panchayat level Govt. officials that include LI/Para Vet,RI or ARI, School Head Master, JE/GPTA of the concerned GP, ANM or any member from the local health institutions, VAW ; GPLF, ICDS and representation from PWDs. The plan consists of all basic information; the hazard, risk and vulnerability assessment of the Gram Panchayat , resource inventory ; and plans relating to preparedness, response, reconstruction , rehabilitation and mitigation. The plan is approved in Gram Sabha of concerned GP and the mitigation plan is incorporated in the GPDP. This plan is reviewed and updated once in every year in the month of March

#### 4.2.3 Tsunami Preparedness Plan (50 Words) – Not Require for Nuagada Block

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

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

#### 4.2.5 Table Top Exercise to assess preparedness (50 Words)

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

#### 4.2.6 Training & Capacity building in the Block

The capacity building of the following stakeholders required in Nuagada Block. They include representatives of PRIs (Ward Members, Sarpanchs and PS members), ASHAs and AWWs, Teachers and staff of line departments working in the Block Area.

Sl. No	Training Theme	Participants	Proposed Month of Training	Budget
01	Heat wave preparedness	ASHA, AWW, PRI , Teachers, Line department	February	15,000
02	Public health in emergencies- safe drinking water and sanitation	RWSS, SEM, Medical Staff	June	15,000
03	Snake bite, lightning, drowning casualty management	ASHA, AWW, Teachers , NGO workers	June	20,000
04	Training to VDMC members on VDMP updation and DM	VDMC members	June	16,000
05	Training on Search and Rescue and First Aid for personnel of Fire Services and Police Dept	ASHA, AWW, Teachers , NGO workers	February	15,000
06	Convergence of Programmes for livelihood strengthenin	Block level officials	December	15,000
07	Block level orientation on SDRF/NDRF guidelines	Block level officials	Nov	15,000
08	Training on role of PRIs in disaster risk management / VDMP/GPDMP preparation and DRR mainstreaming	PRI Members and VDMC members	Jan- Feb	15,000
09	Training to on landslide and flood management	PEOs & RI	June	15,000
10	Training on CBDRM & DRR practices	College students	Dec	15,000

#### 4.3 Awareness Generation Activities (Annexure Leaflets)

Sl No.	Subject	Participants	To be Facilitated by	Month (Suggestive only)
	Heat wave	Community and NGO workers	DEOC & NGO Staff	February & March
1	Cyclone & Flood safety	Entire block population	DDMA & DEOC, Gajapati	March
2	Lightning	Entire block population	CHC- Khajuripada	April
3	Snakebite	Entire block population	CHC- Khajuripada	May- June
4	Sanitation & Hygiene	Entire block population	CHC- Khajuripada	June
5	Drowning Prevention	NA	Fire and PHC	May – June
6	Tsunami (Coastal Villages)	NA	CHC, Khajuripada	November
7	Epidemic/Pandemic	Entire block	CHC & NGO	November

#### 4.4 Stakeholder mapping

Sl	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	9777516745
	Block Development Officer- 9777436607			
1	Block	Tahasildar		8280068876
2		MO I/C		<b>9908249560</b>
3		CDPO		9438000169
4		Fire Officer		9090491193
Sl No	Gram Panchayat	Sarpanch/ Panchayat Samiti members	Contact (Landline)	Contact (Mobile)
1	NUGADA	SARAPANCH		
2	P.ANTARADA	SARAPANCH		
3	KERDANGA	SARAPANCH		
4	LUHANGAR	SARAPANCH		
5	KHAJURIPADA	SARAPANCH		
6	K.JHALARSING	SARAPANCH		

SI	Level	Designation	Contact (Landline)	Contact (Mobile)
7	BADAPADA	SARAPANCH		
8	TITISING	SARAPANCH		
9	TABARADA	SARAPANCH		
10	ATTARSING	SARAPANCH		
11	PUTURUPUDA	SARAPANCH		
12	BETARSING	SARAPANCH		
13	TANGILI	SARAPANCH		
14	PARIMALA	SARAPANCH		
15	SAMBALPUR	SARAPANCH		
16	SUNDARDANGA	SARAPANCH		
17	ANUGUR	SARAPANCH		
18	KIRAMA	SARAPANCH		
19	UDAYAPUR	SARAPANCH		

#### 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	Attarsing	No	7	No
2	Bettarsing	No	7	No
3	Puturupuda	No	14	No
4	Tangli	No	7	No
5	Parimala	No	6	No
6	Udayapur	No	8	No
7	Sambalpur	No	11	No
8	Sundradang	No	5	No
9	Anuguru	No	11	No
10	Kirama	No	8	No
11	Tabarada	No	12	No
12	Khajuripada	No	18	No
13	K.Jhalarsing	No	5	No
14	Badapada	No	1	No
15	Titising	No	18	No
16	Luhangar	No	19	No
17	Nuagada	No	3	No
18	P.Antarada	No	12	No
19	Keredang	No	12	No

## CHAPTER-V

### RESPONSE PLAN

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

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	06815-284226	9777436607
2	Tahasildar	NA	9777436607
3	Asst. Executive Engineer	NA	9090042355
4	MO I/c	NA	9090378502
5	CDPO	NA	9348212445
6	BSSO	NA	8480509635
7	Block Agriculture Officer	NA	9438592919
8	Block Veterinary Officer	NA	8926317144
9	Marketing Inspector	NA	9337274727
10	GP Extension Officer	NA	8763631738
11	IIC Serango	NA	9439186206
12	Station Officer, Fire Services	NA	8658183502

### 5.2 Zonation of Block

<b>SL</b>	<b>Name of the officer</b>	<b>Name of GPs assigned</b>	<b>Contact details of the Officer</b>
01	Pradyumna Kumar Das, AEE, Nuagada	Khajuripada, Badapada, K. Jhalarsing, Titising, Tabarada, Attarsing	9090042355
02	Sarveswar Sahu	Luhangar, Nuagada, P. Antarada, Keredang	8328952327
03	Maheswar Marandi, JE	Anuguru, Kirama, Sambalpur, Udayapur, P. Arimala, Sundradang	
04	Prasant Malliok, JE	Tangli, Betarsing, Puturupuda	9778376141

#### 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	Anuguru, Kirama, Sambalpur, Udayapur, PArimala, Sundradang	Maheswar Marandi	
02	Khajuripada, Badapada, K.Jhalarsing, Titising, Tabarada, Attarsing	Pradyumna Kumar Das, AEE, Nuagada	9090042355
03	Tangli, Betarsing, Puturupuda	Prasant Malliok, JE	9778376141
04	Luhangar, Nuagada, P.Antarada, Keredang	Pradyumna Kumar Das, AEE, Nuagada Loknath Patra, JE	9437490165

#### 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>
1.	Ragaijuli Cyclone Shelter Center	NCh Mishra, PEO	8763631738

#### 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	Loknath Sabar, BDO Nuagada	9777436607	<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	OIC, Outpost, Khajuripada	9438323151	<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> <li>Nodal person designated</li> </ul>
3.	Search & Rescue	Fire Officer	9556638245	<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	Fire Officer	9556638245	<ul style="list-style-type: none"> <li>Removal of trees, poles</li> <li>Clearance of roads</li> </ul>
5	Shelter management	NCh Mishra, GPEO/ Surati Pradhan, CDPO/ Nuagada / Prabhakar Muni, JE	8763631738	<ul style="list-style-type: none"> <li>Shelters Identified</li> <li>Drinking water</li> <li>First aid essentials</li> </ul>

		Rwss		<ul style="list-style-type: none"> <li>• Free kitchen</li> <li>• Care for elderly, PWD, Children. Pregnant/ lactating woman</li> <li>Nodal person designated</li> </ul>
6.	Relief Management	Badal Kumar Samantray, Inspector of Supplies	9337274727	<ul style="list-style-type: none"> <li>• Identify relief distribution points</li> <li>• Stocking of relief materials</li> <li>Identifying the potential dealers</li> </ul>
7	Drinking Water & Sanitation	Prabhakar Muni, JE Rwss	8280408363	<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. Trishul, CHC, Khajuripada	9090378502	<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 practices during the disaster time</li> <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	Praful Ch. Dakua, Tahasildar, Nuagada	8249123595	<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	Praful Ch. Dakua, Tahasildar, Nuagada	8249123595	<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	SDO, TPSODL, R.Udayagiri	9437570087	<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	Loknath Sabar BDO, Nuagada	9777436607	<ul style="list-style-type: none"> <li>• Identify vehicles and drivers</li> <li>• Traffic Control</li> </ul>

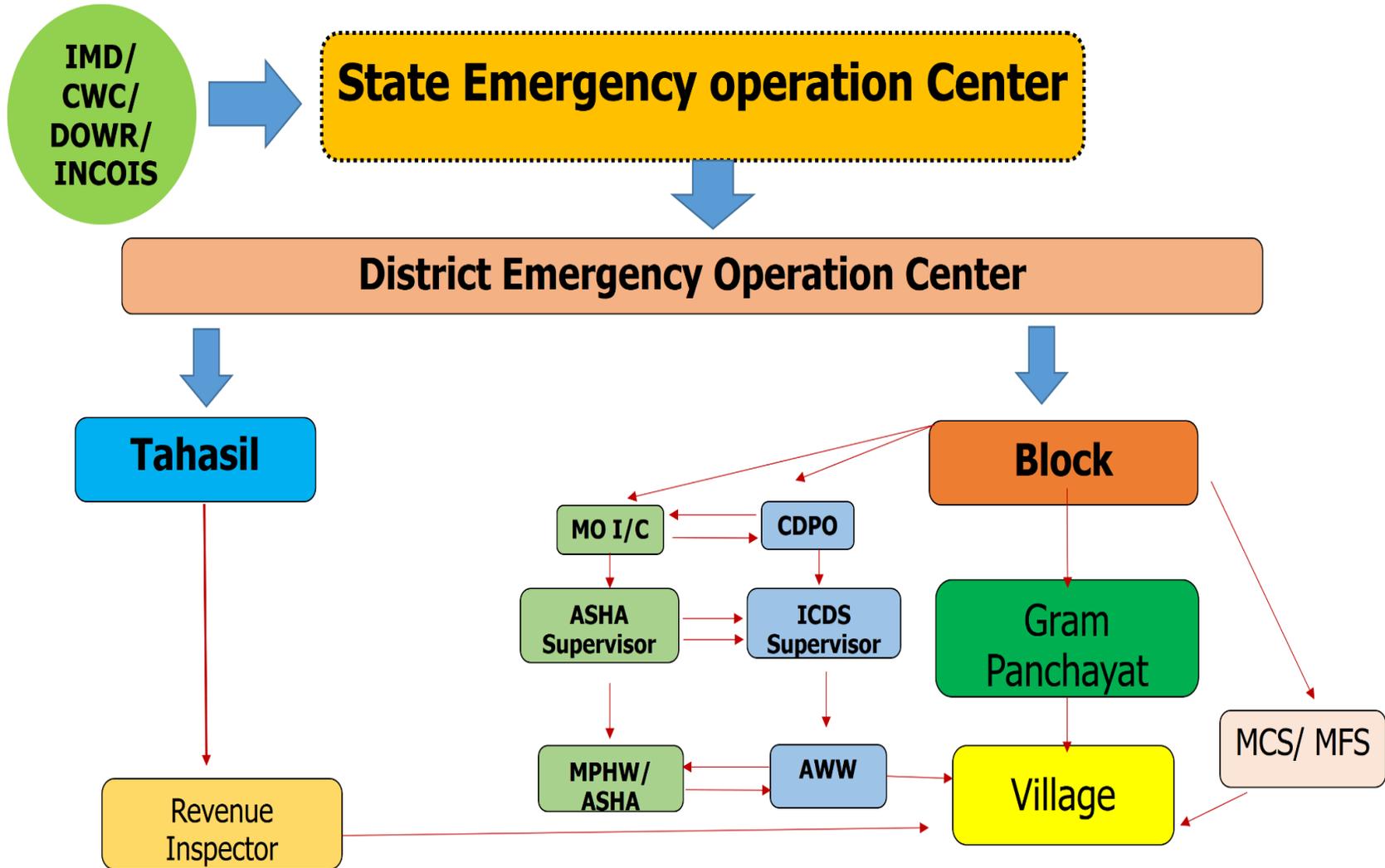
13	Public Works	AE ,PWD	9437566866	<ul style="list-style-type: none"> <li>• Prepositioning of Man &amp; materials</li> <li>• Identify vulnerable infrastructures</li> </ul>
14.	Information & Communication	Loknath Sabar BDO , Nuagada	9777436607	<ul style="list-style-type: none"> <li>• Alternate communication source in place</li> <li>• Alternate internet facilities in place</li> </ul>
15	Media Management	Loknath Sabar BDO , Nuagada	9777436607	<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	Tapaswini, BVO, Nuagada	7735178030	<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> <li>• Trained the taskforce to use of medicine</li> <li>• coordinating with others</li> <li>• Carcass Disposal</li> </ul>
17	Law & Order	Praful Ch. Dakua,. Tahasildar, Nuagada	8249123595	<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.*

### 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	9777436607	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	8480509635	To coordinate with the local authority	Follow-up action	Collection of information from departments

### Early Warning Communicaiton Protocols of Nyagada Block

#### Early Warning Dissemination Protocol in Nuagada 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	BDO Nuagada 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 each Gram Panchayat for facilitating the evacuation, free kitchen etc. (List of GP level Nodal	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	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 required for road communication

		<p>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, Addl 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 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</p>	<p>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>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,BEO,WEO etc.</p>
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		Card as per the state level decision with the help of Marketing inspector of Nuagada Block.		
Tahasil	Tahsildar –Nuagada	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 –Nuagada	Medical Officer – Nuagada	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 & 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	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 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

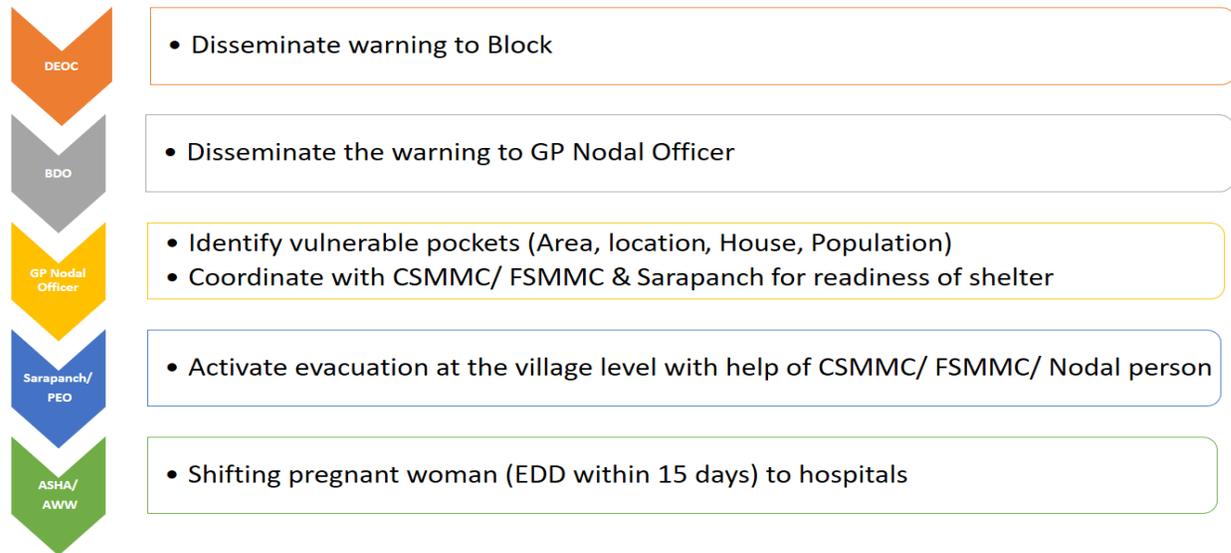
				<p>for treatment of the affected population, if required.</p> <p>Disinfection of open drinking water sources with support of ASHA &amp; AWWs</p> <p>Enforce proper dead body management &amp; early submission of post mortem report to the concerned authority.</p> <p>Arrange transportation/a ambulance for seriously injured/sick patients from PHCs/CHCs to referral hospitals.</p> <p>Submission of reports to the Collector &amp; CDM&amp;PHO.</p> <p>Organise Medical Relief Camps in affected areas with proper monitoring.</p> <p>Epidemiological Study of Disasters as per the instruction of the CDM&amp;PHO/DPHO</p>
Paralakhemundi Fire Station	OIC – FS, Paralakhemundi	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	Remain alert and coordinate with Block administration for updates Keep close watch on the warnings Carry	Assist block Administration in clearing the relief lines. Carry out search and rescue activities, if any. Extend necessary

		situation Assist the Block Administration in evacuating the people from the vulnerable areas.	out search and rescue operation as and when required	support to ODRAF and NDRF during response activities. Support the block administration in other response activities.
ICDS /CDPO	CDPO – Nuagada	Coordinate with Block administration for updates and 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 ( <a href="https://wcd.odisha.gov.in/ICDS/mamata">https://wcd.odisha.gov.in/ICDS/mamata</a> ) 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.	Keep close watch on the situation Instruct all staff members are present in their respective duty stations. Assist the Block Administration	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
RWSS	JE – RWSS, Gosano	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	Keep close watch on the situation Maintain coordination with block administration	Disinfection of tube wells and other drinking water sources Repairing of damaged Tube wells and Pipe

		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.	for update	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 – Block Disaster Management	GPEO – Nuagada	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.	Remain in alertness Keep close watch on the situation Act as per the role and responsibilities assigned by the Block Administration	Assist the Block Administration in preparation of Post Disaster damage and Need Assessment.
Police Station – Nuagada	IIC – Nuagada	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	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	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.
BVO	Veterinary Officer-Nuagada	keep close coordination with the Block and 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	URING: 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 quart
NGO/ CSO	Chief functionaries of NGOs working in Nuagada block	Dissemination of warning message, community awareness meeting, coordinate with local administration, counsel community on panic management	Keep watch on field level Officer	Coordinate with community & local officers

## 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	Name of the GP	Name of the PEO	Contact no.
1	UDAYAPUR	T.Gopal Rao	9778717291
2	BADAPADA	N.Dilleswar Rao	8895023994
3	P.ANTARADA	Archana Nayak	8763464114
4	KHAJURIPADA	NCh Mishra	8763631738
5	KERDANGA	A.Pushpakumari	7605978524
6	SAMBALPUR	Santosh Sahoo	9437258189
7	TANGILI	P.Balakrishna	9348786262
8	NUGADA	B.Lingaraju	9337205862
9	PUTURUPUDA	Sulochana Pradhan	7656880656
10	BETARSING	Minati Mishra	8018127471
11	TABARADA	B.Appalaraju	9861314299
12	PARIMALA	Kaliprasad Sahu	9556397733
13	SUNDARDANGA	Mihir Bastiray	9439258747
14	ATTARSING	O.Satishkumar	9438236741
15	KIRAMA	Kaliprasad Sahu	9556397733
16	K.JHALARSING	Paramananda Bhuyan	8280307713
17	LUHANGAR	Sibani Raula	9124138103
18	TITISING	Silpa Bisoi	8018768840
19	ANUGUR	Susil Sabhapati	9348647810

## 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 up gradation 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 Nuagada 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 Nuagada 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	TimeFrame
	NUAGADA	NA	NA	NA	NA	NA
	P.ANTARADA	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr
	KERDANGA	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr
	LUHANGAR	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr
	KHAJURIPADA	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr
	K.JHALARSING	NA	NA	NA	NA	NA
	BADAPADA	NA	NA	NA	NA	NA
	TITISING	Landslide	Protection wall, Plantation	RD.Forest,	800000	1yr
	TABARADA	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr
	ATTARSING	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr
	PUTURUPUDA	Landslide	Protection wall, Plantation	RD.Forest,	800000	1 yr

	<b>BETARSING</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>TANGILI</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>PARIMALA</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>SAMBALPUR</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>SUNDARDANGA</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>ANUGUR</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>KIRAMA</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>
	<b>UDAYAPUR</b>	<b>Landslide</b>	<b>Protection wall, Plantation</b>	<b>RD.Forest,</b>	<b>800000</b>	<b>1 yr</b>

### **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

Sl No.	Name of the Gram Panchayat & Villages	Ongoing Disaster Mitigation/ Preparedness Works	Development Programme	Executing Departments	Start Date	Date of Completion
1	NUGADA	<ul style="list-style-type: none"> <li>Renovation and excavation of BNRGSK</li> </ul>	GPDP	Block		
2	P.ANTARADA					
3	KERDANGA	<ul style="list-style-type: none"> <li>Construction of water channel to manage grey water</li> </ul>	GPDP			
4	LUHANGAR	<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		
5	KHAJURIPADA					
6	K.JHALARSING	<ul style="list-style-type: none"> <li>Construction of solar water supply system to ensure water security</li> </ul>		GP Fund		
7	BADAPADA	<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
8	TITISING	<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
9	TABARADA	<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
10	ATTARSING	<ul style="list-style-type: none"> <li>Renovation of Pino Pond</li> </ul>	GPDP			
11	PUTURUPUDA	Renovation and excavation of BNRGSK	GPDP			
12	BETARSING	Renovation and excavation of BNRGSK	GPDP			
13	TANGILI	Renovation and excavation of BNRGSK	GPDP			65

14	PARIMALA	Renovation and excavation of BNRGSK	GPDP			
15	SAMBALPUR	Renovation and excavation of BNRGSK	GPDP			
16	SUNDARDANGA	Renovation and excavation of BNRGSK	GPDP			
17	ANUGUR	Renovation and excavation of BNRGSK	GPDP			
18	KIRAMA	Renovation and excavation of BNRGSK	GPDP			
19	UDAYAPUR	Renovation and excavation of BNRGSK	GPDP			

- Reference of plans and polices which are developed on the basis of local context

#### **7.4 Medium term Mitigation Plan: (100 Words)**

Medium term mitigation in disaster management focus upon the 6 – 12 months planned activities that will bring a significant 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/ villages and segregate them relevant to Mitigation and Preparedness measures***

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

SL	Name of the Village/GP	Hazard Specific Mitigation Plan	Required Intervention	Executing Departments	Fund Required	Time Frame
1	NUGADA	NA	NA	NA		
2	P.ANTARADA	One dedicated shelter	Construction of shelter building	OSDMA		
3	KERDANGA	Landslide prevention protection wall				
4	LUHANGAR	Landslide prevention protection wall				
5	KHAJURIPADA	Landslide prevention protection wall		PWD/ RD		
6	K.JHALARSING					
7	BADAPADA					
8	TITISING					
9	TABARADA	Landslide prevention protection wall		PWD/RD		
10	ATTARSING	Landslide prevention protection wall				
11	PUTURUPUDA	Landslide prevention protection wall				
12	BETARSING	Landslide prevention protection wall				
13	TANGILI	Landslide prevention protection wall				
14	PARIMALA	Landslide prevention protection wall				
15	SAMBALPUR	Landslide prevention protection wall				
16	SUNDARDANGA	Landslide prevention protection wall				
17	ANUGUR	Landslide prevention protection wall				
18	KIRAMA	Landslide prevention protection wall				
19	UDAYAPUR	Landslide prevention protection wall				

**Annexure**  
**Important Contact No & SOP**

SI No.	Name of the Officer	Designation	Position in DDMA (Ex-Officio)	Contact No. (If Land line please prefix 06815-)
1	Dr. Smruti Ranjan Pradhan, 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 Rajendra Minz, OAS (S)	Additional District Magistrate, Gajapati	Chief Executive officer- DDMA	9438305095 223333, 222578
4	Ms. Swasti S Kumar, IPS	Superintendent of Police, Gajapati	Member	222533, 2225666 (R) , 222565 (Fax)
5	Sj Gunanidhi Nayak	CDO-cum-EO, Zilla Parisad, Gajapati	Member	9937398628
6	Sri Pradeep Kumar Patro	Chief District Medical Officer	Member	9438297034
7	Mr. Kamalkant Ponda	District Emergency Officer – Gajapati	Member	7008582029
8	Ms. Purussottam Sahu	Deputy Director Agriculture, Gajapati	Member	7978521320
9	Er. Nimal Kumar Das	Executive 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	Loknath Sabar,	BDO , Nuagada	Member	9777436607
13	Loknath Sabar, BDO	I/CTahsildar,	Member	8280068876

**Block Level Officials elected as members of BDMP, Nuagada**

Sl.	Designation	Office Contact	Mobile Number
1	Block Development Officer	9777436607	9777436607
2	Tahasildar	NA	9777436607
3	Asst. Executive Engineer	NA	9090042355
4	MO I/c	NA	9090378502
5	CDPO	NA	9348212445
6	BSSO	NA	8480509635
7	Block Agriculture Officer	NA	8480509635
8	Block Veterinary Officer	NA	8926317144
9	Marketing Inspector	NA	9337274727
10	GP Extension Officer	NA	8763631738
11	IIC, Serango	NA	9439186206
12	OIC, Fire Services	NA	8658183502

**GP Level Officials****Panchayat Executive Officers Deputed in Different Panchayatas**

Sl	Name of the GP	Name of the PEO	Contact no.
1	UDAYAPUR	T.Gopal Rao	9778717291
2	BADAPADA	N.Dilleswar Rao	8895023994
3	P.ANTARADA	Archana Nayak	8763464114
4	KHAJURIPADA	N Ch Mishra	8763631738
5	KERDANGA	A.Pushpakumari	7605978524
6	SAMBALPUR	Santosh Sahoo	9437258189
7	TANGILI	P.Balakrishna	9348786262
8	NUGADA	B.Lingaraju	9337205862
9	PUTURUPUDA	Sulochana Pradhan	7656880656
10	BETARSING	Minati Mishra	8018127471
11	TABARADA	B.Appalaraju	9861314299
12	PARIMALA	Kaliprasad Sahu	9556397733
13	SUNDARDANGA	Mihir Bastiray	9439258747
14	ATTARSING	O.Satishkumar	9438236741
15	KIRAMA	Kaliprasad Sahu	9556397733
16	K.JHALARSING	Paramananda Bhuyan	8280307713
17	LUHANGAR	Sibani Raula	9124138103
18	TITISING	Silpa Bisoi	8018768840
19	ANUGUR	Susil Sabhapati	9348647810

## 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 along with 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.